39th EDITION

# WORLD RADIO TV HANDBOOK

THE AUTHORITATIVE DIRECTORY OF INTERNATIONAL RADIO AND TELEVISION

Comprehensive country-by-country listings of long, medium, and short-wave broadcasters by frequency, time and language.

Special features including short-wave receiver test reports.

Worldwide broadcasts in English.

Broadcaster addresses and personnel.

Complete with maps of principal transmitter sites.

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Listen to the World . . . hear the voices of people making history . . . eavesdrop on local programs from around the globe . . . discover music and cultures you never knew existed . . . gain a new perspective on international events . . . the World Radio TV Handbook (WRTH) is your guide to an exciting new world — the world of the International Listener!

This unique handbook is your personal 24-hour passport to:

- **The world's broadcasters and their services listed by country.**
- **A special hour-by-hour guide to broadcasts in English directed to your area.**
- **Essential station information including frequencies, transmitter powers, operating times, languages, addresses, etc.**
- **Listings of stations in frequency order to help you identify them more easily.**
- **Maps of principal transmitter sites worldwide.**
- **Names and addresses of international radio listeners' clubs.**
- **Information on reception conditions, Time Signal Stations and other specialized subjects.**
- **Widely acclaimed annual test reports on receivers for the international listener.**

The WRTH is easy to use. Begin your worldwide listening enjoyment by reading the User's Guide in your preferred language. (English, French, German or Spanish).

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For the promotion of a better understanding among the peoples of the World

# WORLD RADIO TV HANDBOOK

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## MESSAGE FROM THE EDITORS

Dear friends,

Regular listeners to the international shortwave bands will have noticed the effects of reduced sunspot activity in recent months. The higher frequency bands are now unusable for large portions of the day, and this is reflected by the general move to lower frequency bands as can be seen from the listings in this edition. Unfortunately, severe congestion is inevitable, even with many stations now using portions of the spectrum not officially allocated for broadcasting until later in the decade.

By a strange irony, the next part of the HF Planning Conference in 1986 will coincide almost exactly with the lowest point of the 11-year sunspot cycle. Our contributor Willi Menzel, who has much personal experience of frequency coordination at the highest level, discusses the prospects for this Conference in an exclusive article in this edition.

One of the delegates who will be participating in the Conference is Jim Vastenhoud of Radio Nederland, who has also been engaged in the planning and realisation of what is probably the world's most advanced shortwave broadcasting facility. This new station has innovative technological features which are described by Jim Vastenhoud in another special article in this edition.

At the other end of the transmission path, our regular contributor Larry Magne continues his annual series of test reports on the latest shortwave receivers and accessories. It goes without saying that good receiving facilities are essential at all times, but even more so while reception conditions are well below their best.

One category of listeners who will not be too concerned about conditions on the higher frequencies are the Tropical Band enthusiasts. Indeed, they may well increase in number as some listeners search for a new challenge after suffering the sideband splash from 500kW transmitters in the 49 metre band! To help Tropical Band listeners old and new, one of the world's experts on the subject, Anker Petersen, has prepared an introductory article explaining these fascinating bands.

Despite the generally poorer conditions, there is still a great deal of interest to be heard throughout the shortwave spectrum. A careful study of our regular guides to propagation and sunspot activity will help you to pinpoint the best times and bands to choose for your listening activities. And, of course, our Newsletters published three times during the year (see the advertisement) will help keep you updated as more frequency changes become necessary. Good listening!

Jens M. Frost
Editor-in-Chief

Andrew G. Sennitt
Editor

# ICOM

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First in Communications

ICOM HF Receiver

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# The World Class World Receiver

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**This easy-to-use and versatile receiver is ideal for anyone wanting to listen in to worldwide communications.**

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**Options.** FM, RC-11 wireless remote controller, synthesized voice frequency readout, IC-CK70 DC adapter for 12 volt operation, MB-12 mobile mounting bracket, two CW filters, FL32-500Hz and FL63-250Hz, and high-grade 455KHz crystal filter, FL44A.

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All stated specifications are approximate and subject to change without notice or obligation. All ICOM radios significantly exceed FCC regulations limiting spurious emissions. R70001084

# USER'S GUIDE TO THE WRTH

The World Radio TV Handbook (WRTH) is your practical guide to the World's radio and television services. Using the WRTH, you can tune into broadcasts of interest from all over the world, and identify stations you have not heard before. To get maximum benefit from the wealth of information between its covers, we recommend that you spend a few minutes reading about the following important sections, some of which are cross-referenced to make the WRTH as useful as possible in a variety of listening situations.

**WORLD RADIO**

This is a country-by-country compilation (subdivided by regions) of the essential facts on broadcasting stations and organisations, plus other useful data. A typical entry contains the following information:

**L.T:** Local time, indicated as the number of hours ahead of, or behind, Universal Time Coordinated (UTC). For an explanation of this relationship, see note a) below.

**Pr.L:** Principal language(s) used in Home Service broadcasts.

**E.C:** Type, frequency and voltage of normal mains electricity supply. In brackets, an indication of whether the supply is stable enough to operate electric clocks (yes) or not (no).

Then follows the name and status of the principal broadcasting organisation, with mailing address, telephone number, cable and/or telex addresses.

**L.P:** Leading personnel (these are senior administrative staff, not necessarily on-air personalities).

**Stations:** A list, in order of frequency, of all the transmitters operated by the broadcaster, with radiated power in kiloWatts (kW) and, if appropriate, the network or program carried by each transmitter.

**D.Prgrs:** Details of operating hours, frequency schedules, languages and news bulletins of each separate network, with national services mentioned first, followed by regional and/or local services as appropriate.

**Ann:** Transcription of key identification announcements broadcast by the station.

**Int-Sig:** In some cases, a description of regularly-used interval signals is included as an additional aid to identification. Some interval signals are also given in musical notation.

**V:** Details of the station's policy concerning the written verification of listeners' reception reports. See note b) below.

**External Services:** These are listed at the end of the Home Service details, and in most cases include the following data:

**Stations:** A list of transmitting locations and facilities.

**G.C:** Exact location, in degrees and minutes, is given for the transmitter sites whenever this information is known.

**kHz:** A quick-reference list of scheduled frequencies in kiloHertz, which saves you the trouble of checking the whole schedule line by line to find a particular frequency.

**Areas:** The official target areas designated by the station for its various transmissions. These vary widely from one station to another.

**Beam:** Where known, we indicate the azimuth of maximum radiation in degrees from true North of the transmitting site.

**Ann, Int-Sig, V:** As for Home Services (see above).

A few additional details, not mentioned above, are included wherever possible. If in doubt about their significance, the abbreviations list will help you.

**Special notes:**

a) **Universal Time Coordinated (UTC)** is used throughout the WRTH in accordance with international convention. Many broadcasters still refer to Greenwich Mean Time (GMT) which for practical listening purposes is the same thing. The **World Time Table** in this Handbook lists the differences between local time in each country and UTC. Daylight Saving Time, or Summer Time, is used in many countries as shown in the World Time Table. When this applies, Home Service broadcasts will be one hour **earlier** in relation to UTC. Many international broadcasters ignore this change and so their programs remain at the same UTC time all the year round. Others, however, change some or all of their times during Summer Time. Where the pattern is clear, this is indicated in the text. The WRTH Newsletter (see advertisement in this edition) contains the summer schedules of many international broadcasters in its May issue.

Changes of broadcast times due to religious festivals, political events or national holidays, cannot always be predicted in advance, and you are advised to check almanacs or travel publications for such information.

b) **Verification of Reception Reports** is a complicated subject, and if you are interested in collecting such verifications (which are known as "QSL's") we advise you to study the guidelines issued by leading listeners' clubs and some radio stations (eg. Radio Nederland) before spending time and money on sending reception reports. Here we offer some very general hints.

Reports to **International Broadcasters** may be in English or in the language of the broadcast you heard. Return postage is appreciated but not always necessary. Give some constructive comments on the program to prove that you really did listen to it. The SINPO code is a well-established and convenient way of indicating reception quality, namely:

| **S** (Signal Strength) | **I** (Interference) | **N** (Noise) |
|---|---|---|
| 5 excellent | 5 nil | 5 nil |
| 4 good | 4 slight | 4 slight |
| 3 fair | 3 moderate | 3 moderate |
| 2 poor | 2 severe | 2 severe |
| 1 barely audible | 1 extreme | 1 extreme |

SIEMENS

# Tube Grids – Manufactured from Gas, Cut by Laser

Optimum technical performance demands the application of unconventional technologies. A prime example is the manufacture of grids for the latest generation of Siemens transmitter tubes. They are made of graphite separated pyrolitically from methane and deposited on a cylindrical form. The laser beam cuts the grid structure with microscopic precision.

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- Full power ten seconds after switch-on without preheating.
- Particularly suitable for pulse duration modulation (PDM).
- Extremely high efficiency in a thoroughly compact design.

This brief summary represents the culmination of more than 50 years' development and manufacture of transmitter tubes by Siemens.

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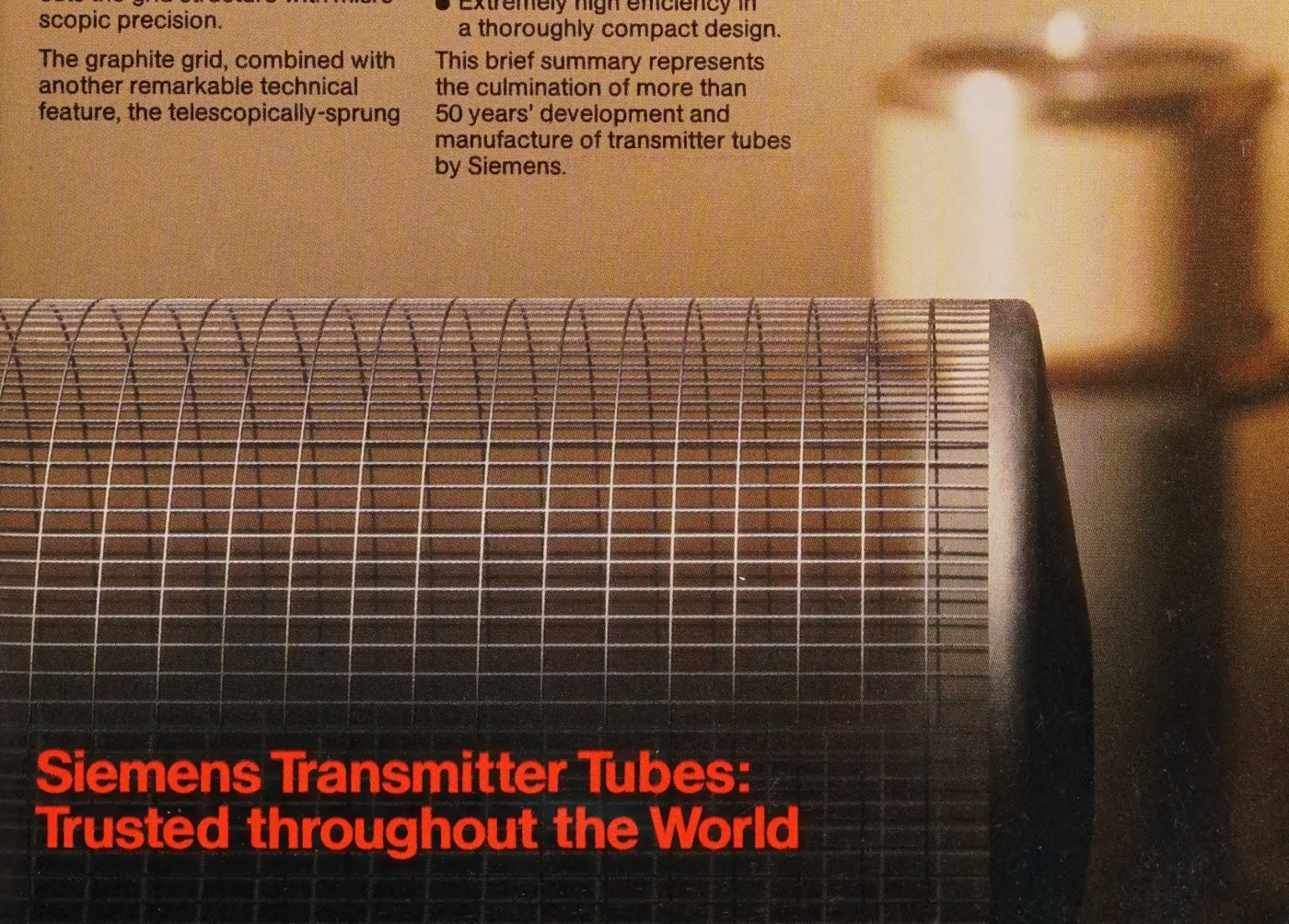
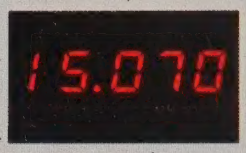


## Siemens Transmitter Tubes: Trusted throughout the World

# The DX 1000 makes tuning in London as easy as dialing a phone.

Direct access keyboard tuning brings a new level of simplicity to shortwave radio. With the Uniden® Bearcat® DX 1000, dialing in the BBC in London is as easy as dialing a telephone. And you can switch from the BBC to Peruvian Huayno music from Radio Andina instantly. Without bandswitching.

Featuring the innovative microprocessor digital technology made famous by Uniden® Bearcat® scanner radios, the DX 1000 covers 10 kHz to 30 MHz continuously, with PLL synthesized accuracy. But as easy as it is to tune, it has all the features even the most sophisticated "DXer" could want. 10 memory channels let you store favorite stations for instant recall —or for faster "band-scanning" during key openings. The digital display measures frequencies to 1 kHz, or at the touch of a button, doubles as a two time zone, 24-hour digital quartz clock. A built-in timer wakes you to your favorite shortwave station. Or, it can be programmed to activate peripheral equipment like a tape recorder to record up to five different broadcasts—any frequency, any mode—while you are asleep or at work.




The DX 1000 also includes independent selectivity selection to help you separate high-powered stations on adjacent frequencies. Plus a noise blanking system that stops Russian pulse radar interference.

There's never been an easier way to hear what the world has to say. With the Uniden® Bearcat® DX 1000 shortwave radio, you have direct access to the world.

For the name of your nearest retailer dial toll-free ...1-800-SCANNER.

**Frequency Range:** 10 kHz to 30 MHz continuously. **Tuning:** Direct keyboard entry, selectable 3 or 24 kHz per revolution knob tuning, or manual step tuning in selectable 1-99 kHz steps. **Sensitivity:** 1.0 $\mu$V AM, 0.5 $\mu$V CW/SSB/FM, 1.6-30 MHz. **Image and IF Rejection:** 70 dB or more. **Memory:** 10 frequency capacity. **Frequency Stability:** Better than 100 Hz after warm-up. **Modes:** AM/LSB/USB/CW/FM. **AGC:** Selectable Fast/Slow release times. **Filter Bandwidths:** 2.7 kHz, 6 kHz and 12 kHz. **Filter Selection Independent of Mode.**

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208 hours a week, in 11 languages, Radio RSA keeps the rest of the world in touch with South Africa.

Tourism, lifestyle, political updates and news are only a few of the subjects you're likely to tune in to.

Judge the programme quality for yourself. Shortwave listeners in East Germany did, when they voted Radio RSA the top external German shortwave station in 1983. And that's only one of the many accolades that have been bestowed upon the station in its 18-year history.

If the external service is that good, imagine what it's like locally, where 19 radio programme services broadcasting in 20 languages and 4 television services broadcasting in 7 languages, cater for South Africa's multiracial and multicultural society.

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SAUK SABC

**Going to great wavelengths to keep people in touch.**

**"Kodi mudamva zochitika mu South Africa posachedwapa?"**

**"Have you heard what's been going on in South Africa lately?"**

**"Savez-vous ce qui va se passer en Afrique du Sud prochainement?"**

**"Hebt u wel gehoord wat er nu weer in Zuid-Afrika aan de hand is?"**

**"Kana ne se mu utwile se ne si sweli ku ezahala mwa South Africa kalenyana?"**

**"Je, mmewahi kusikiya ambalo limekuwa likitokea Afrika Kusini hapa karibuni?"**

**"Tem ouvido os acontecimentos verificados ultimamente na Africa do Sul?"**

**"Het u gehoor wat nou in Suid-Afrika gebeur?"**

**"Xana mi swi twile leswi swikarhi swi humelelaku eAfrika-Dzonga eka nkarhi wa lowu hi nga eka wona ke?"**

**"Han oido lo que está pasando en Sudáfrica ultimanente?"**

**"Sind Sie über Südafrika auf dem laufenden?"**

Kenyon Wiles 2873

| **P** Propagation) | **O** (Overall merit) |
|---|---|
| 5 nil | 5 excellent |
| 4 slight | 4 good |
| 3 moderate | 3 fair |
| 2 severe | 2 poor |
| 1 extreme | 1 unusable |

Reports to **Home Service** broadcasters should use the language of the broadcast (or another language known to be widely understood), reception should be described in words, **not** in the SINPO code, and return postage **must** be included in the form of mint stamps of the country concerned or International Reply Coupons (IRC's). Some listeners' clubs produce report forms and/or vocabulary lists to help with reports in major languages.

The WRTH entries include an indication of whether the station wants reception reports from listeners. (A) indicates that it does not encourage them, (B) indicates that reports are welcome. Rp. means that return postage is necessary. For Latin American stations, a list of shortwave stations known to have verified reports in the preceding two years is given at the end of the entry for the relevant country.

**LONG & MEDIUM WAVE STATIONS**

The stations operating between 150kHz and 1620kHz are listed, in frequency order, in five groups according to geographical location. Thus if you are in a particular area of the world, and want to identify a station heard on a certain frequency, you are most likely to find it amongst the stations listed for your region. If you are interested in hearing long distance ("DX") signals on these bands, you may need to refer to the other groups of stations. All these lists cross-refer to the World Radio Section, but may contain additional low power stations not separately indicated in the World Radio list (eg. USA stations).

**SHORTWAVE STATIONS OF THE WORLD**

This is a composite listing of all the stations between 2000 and 30,000kHz mentioned in the World Radio Section. As with the Long and Medium Wave lists, the purpose is to facilitate the identification of stations by cross-reference to the World Radio Section. However, see note c) below concerning frequency changes.

**N.B: Wavelengths:** For the convenience of readers using radios with wavelengths indicated instead of frequencies, conversion tables are included at the start of the Long & Medium Wave and Shortwave frequency lists.

**Special note:**

c) **Frequency changes**

The frequencies listed throughout the WRTH are those scheduled to be in use at the time of editing. In the case of international shortwave stations, and some domestic shortwave stations, the frequencies listed apply to the period up to the first Sunday in March, and wherever possible also the next period up to the first Sunday in May. The majority of stations change their schedules to accommodate seasonal changes in reception patterns on the first Sundays of March, May, September and November. The changes for the rest of the year, which are generally not known when the Handbook is printed, are available in the WRTH Newsletter which is published three times a year to coincide with these periods. See the advertisement in this edition for further details.

Additionally, some stations are forced to make changes without much advance notice due to interference, poor reception, changes in programming, technical problems etc. This is especially the case on the international shortwave bands where overcrowding and deliberate interference complicate advance planning of frequency schedules. It is rare for all the scheduled frequencies of a station to be changed at once, therefore try all listed possibilities if you are unable to hear the broadcast you want at the first attempt.

**BROADCASTS IN ENGLISH**

As an extra service to our readers, the International Broadcasts in English are listed separately, arranged by target area and in time order within each target area. This enables you to find out which stations are broadcasting in English to your area, or adjacent areas, at any time of the day. Frequencies are included to assist with rapid tuning of a desired station, however please refer to note c) above concerning possible **Frequency changes.**

**PRACTICAL TIPS ON USING THE WRTH**

**What Can I Expect to Hear?**

**Long and Mediumwave Stations** vary in power from a few Watts to as much as 2000 kiloWatts. Most of these transmitters carry Home Services, although a few may also carry External Services, and some transmitters are used exclusively for the latter. When it is daylight at the transmitting station, the lowest powered stations will reach only a few kilometres, while the highest powered ones can cover a radius of several hundred kilometres. Some stations use directional antennas to avoid interference to other stations on the same frequency, and to beam most of the signal in the required direction.

At night, mediumwave signals are often reflected back to earth by the ionosphere (layers of gas around the earth), and stations can be received from great distances which are inaudible during daylight. Even low powered stations can be received in this way when conditions are optimum, and intercontinental reception can be achieved, although theoretical reception is often impossible in practice due to local interference.

**Shortwave Stations** depend on variable solar activity for reception in their intended target area. The annual feature "High Frequency Reception Conditions" (see General Index) describes in detail what may be expected during the currency of this edition. We also advise readers interested in Shortwave reception to join one of the many listeners' clubs listed in this edition, to keep up-to-date with what can be heard.

**FM (Frequency Modulation) Stations** operate in the frequency ranges of 66-72MHz (Eastern Europe), and 87-108 MHz elsewhere. Reception is theoretically possible only on a 'line of sight' basis, but in pactice signals do penetrate some distance beyond the optical horizon. The maximum range will of course depend on the effective radiated power (ERP) which is normally the figure mentioned in the WRTH listing. Under certain abnormal conditions, FM signals can be reflected in the same way as shortwave signals, and reception over many hundreds of kilometres may become possible, often with deep fading and with some distortion of the audio. Using a high gain rotatable antenna, it is often possible for enthusiasts to log many rare stations under these conditions.

**Finding a Particular Station**

Let us suppose that you wish to hear a broadcast in your language from Radio X. The first thing to do, is to find the entry for Radio X in the World Radio section. If it is an International Broadcaster, you will find the available transmissions listed by language and/or target area. For

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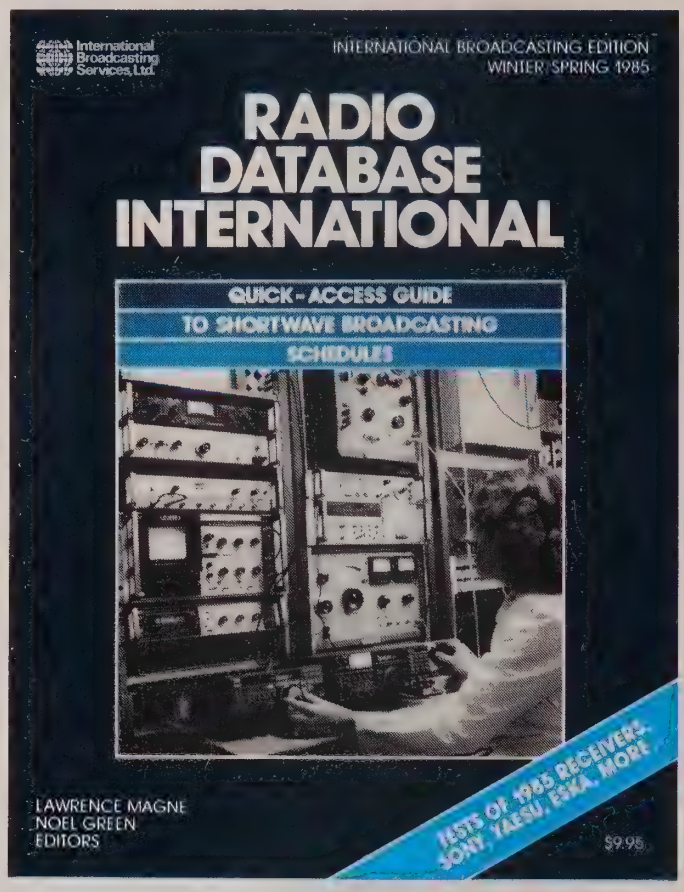


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a Home Service broadcast, find the transmission times and study the schedule to discover which frequencies carry the broadcast. Then select one which seems to have the best chance of being audible in your location (in the case of shortwave stations, refer to the Table of the Most Suitable Broadcasting Bands). If the broadcast is not audible at the time you want, you still may be able to hear the station at another time of the day. Do not assume that you are listening to the desired station until you have heard a positive identification. There is always a good chance that another station is occupying the frequency (see next section).

**Identifying a Station**

When you hear a signal which you cannot identify, note as accurately as possible what the frequency is. Listen carefully for clues as to its likely origin (language, news items, type of music etc.) and compare these clues with the list of stations in the Shortwave or Mediumwave tables likely to be using the frequency. When you have narrowed down the possibilities, check the listing for each possibility in the World Radio section to see if the schedule fits what you are hearing. Take into account the most likely reception possibilities (again referring to the Table of the Most Suitable Broadcasting Bands if appropriate), and wait for a positive identification before assuming that you have identified the station correctly.

If you are listening to an international broadcaster, you can expect a clear identification at the beginning and end of each transmission period, and at one or more points in between. Home Service stations may be more difficult to identify (particularly, for example, if a play or concert is in progress) but many will announce themselves on the hour or half hour. Note that stations in North America, Australia, New Zealand and a few other countries use callsigns of up to five letters and/or numbers, while in most other countries a station name is usually announced. In Latin America, the official name is frequently supplemented by a slogan.

**WORLD TELEVISION**

This is a self-contained section of the WRTH, and full details and explanations of the listings are contained in its opening pages.

**OTHER FEATURES IN THE WRTH**

In addition to the sections designed as practical listening aids, a range of other material is offered, and a glance at the General Index on page 1 will pinpoint those features not already mentioned.


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# GUIDE DE L'UTILISATEUR DU WRTH

Le World Radio TV Handbook (WRTH) est votre guide pratique pour les services de radiodiffusion et de télévision dans le monde. En utilisant le WRTH, vous pouvez vous syntoniser sur des émissions intéressantes du monde entier, et identifier les stations que vous n'aviez jamais entendues, auparavant. Mais, pour tirer le maximum de bénéfice de la richesse d'informations, d'un bout à l'autre de l'ouvrage, nous vous recommandons de consacrer quelques minutes à lire ces lignes d'explications.

Le WRTH est divisé en un certain nombre de sections, quelques-unes d'entre-elles se recoupant avec les autres, pour le rendre le plus utile possible dans une variété de situations d'écoute.

Si vous êtes un auditeur actif, vous trouverez vous-mêmes en vous référant fréquemment à plusieurs sections clé:

**WORLD RADIO (Radio dans le monde)**
C'est une compilation pays par pays (subdivisée par régions) des points essentiels sur les stations et organisations de radiodiffusion plus d'autres données utiles. Une présentation type contient les informations suivantes:

**L.T:** horaire local, indiqué en nombre d'heures en plus ou en moins par rapport au Temps Universel Coordonné (UTC). Pour une explication de ce rapport, voyez la note a), ci-dessous.

**Pr.L:** principales langues utilisées dans les émissions du Service Domestique.

**E.C:** type, fréquence et voltage de l'alimentation en courant électrique normal. Entre parenthèses, une indication de la stabilité du courant pour les horloges électriques, oui (yes) ou non (no).

Ensuite, il est mentionné les noms et statuts des principales organisations de radiodiffusion, avec l'adresse de correspondance, le numéro de téléphone, et les adresses télégraphiques et/ou de télex.

**L.P:** personnalitiés dirigeantes (ce sont les reponsables administratifs, pas nécessairement celles que l'on entend sur les ondes).

**Stations:** une liste, par ordre de fréquences, de tous les émetteurs opérés par le radiodiffuseur, avec la puissance rayonnée en kilowatts (kW) et, si nécessaire, le réseau des programmes émis pour chaque émetteur.

**D.Prgrs:** détails des heures de diffusion, grilles des fréquences, langues et bulletins de nouvelles de chaque réseau séparé, avec, au début, la mention des services nationaux, suivis des services régionaux et/ou locaux, quand cela est nécessaire.

**Ann:** transcription des annonces d'identification courantes diffusées par la station.

**Int-Sig:** dans quelques cas, une description du signal d'intervalle d'identification régulièrement utilisé par la station est incluse comme aide supplémentaire à l'identification. Quelques signaux d'intervalle sont aussi donnés sous une forme musicale.

**V:** détails sur la politique de la station en ce qui concerne les vérifications écrites des rapports de réception des auditeurs. Voyez la note b), ci-dessous.

**External Services (Services Extérieurs):** ils sont listés à la fin des détails sur le Service Domestique et, dans la plupart des cas, incluent les données suivantes:

**Stations:** une liste des lieux d'émission et des facilités.

**G.C. (Coordonnées Géographiques):** une localisation exacte, en degrés et minutes, est donnée pour les sites d'émetteurs, toutes les fois que cette information est connue.

**kHz:** une liste de référence rapide des fréquences utilisées, en kiloHertz, qui vous évite le souci de rechercher dans la grille des programmes, ligne par ligne, pour trouver une fréquence particulière.

**Areas (Régions):** ce sont les régions ciblées officiellement désignées par la station pour ses diverses transmissions. Elles varient largement d'une station à une autre.

**Beam (direction):** quand il est connu, nous indiquons l'azimuth de la radiation maximum en degrés par rapport au Nord magnétique, à partir du site de transmission.

**Ann, Int-Sig, V:** comme pour les Services Domestiques (voir ci-dessus).

Quelques détails supplémentaires non mentionnés ci-dessus sont inclus, quand cela est possible. En cas de doute sur leur signification, la liste des abréviations vous aidera.

**Notes Spéciales:**

a) **Temps Universel Coordonné (UTC):** il est utilisé dans tout le WRTH en accord avec la convention internationale. De nombreuses stations de radiodiffusion se réfèrent encore à l'heure du méridien de Greenwich (GMT) qui, pour des buts pratiques d'écoute, est la même chose. La **World Time Table** (Table Mondiale des Horaires), dans cet ouvrage, liste la différence entre l'horaire local dans chaque pays et l'heure UTC. L'heure avancée, ou heure d'été, est utilisée dans de nombreux pays comme il est indiqué dans la World Time Table. Quand ce changement s'applique, les services domestiques de radiodiffusion seront avancés d'une heure par rapport au temps UTC. De nombreuses stations de radiodiffusion internationales ignorent ce changement, donc leurs programmes restent à la même heure UTC tout au long de l'année. Cependant, d'autres changent quelques-uns de leurs horaires pendant la période d'heure d'été. Quand la grille est claire, ceci est indiqué dans le texte. Le WRTH Newsletter (voir annonce dans cette édition) contient les grilles des programmes pour l'été de la plupart des stations de radiodiffusion internationales, dans son édition d'été. Les changements d'horaires de diffusion, en raison d'évènements religieux, politiques, de fêtes nationales, ne peuvent pas toujours être prévus à l'avance, et vous êtes invités à consulter des almanachs ou dépliants de voyage pour ce genre d'information.

b) La **Vérification des Rapports de Réception** est un sujet compliqué, et si vous êtes intéressés par la collec-

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tion de telles vérifications (qui sont connues sous le nom de "carte QSL") nous vous conseillons de vous référer aux guides publiés par les principaux clubs d'auditeurs et quelques stations de radiodiffusion (par exemple Radio Nederland) avant de perdre du temps et d l'argent à envoyer des rapports de réception. Ici, nous vous proposons quelques conseils d'ordre général. Les rapports aux Stations Internationales doivent être rédigés en anglais ou dans la langue de l'émission que vous écoutez. Les frais de réponse sont appréciés, mais pas toujours exigés. Donnez quelques commentaires constructifs sur le programme, afin de prouver que vous l'avez réellement bien écouté. Le code SINPO est un moyen bien établi et pratique pour indiquer la qualité de la réception:

| **S** (intensité du Signal) | **I** (Interférence) | **N** (Bruits) |
|---|---|---|
| 5 excellent | 5 Nulle | 5 nuls |
| 4 bon | 4 légère | 4 légers |
| 3 moyen | 3 Modérée | 3 modérés |
| 2 faible | 2 sévère | 2 sévères |
| 1 médiocre | 1 extrème | 1 extrèmes |

| **P** (propagation) | **O** (appréciation d'ensemble) |
|---|---|
| 5 nulle | 5 excellente |
| 4 légère | 4 bonne |
| 3 modérée | 3 moyenne |
| 2 sévère | 2 faible |
| 1 extrème | 1 inaudible |

Les rapports aux stations de Service Domestique doivent être rédigés dans la langue de diffusion (ou une autre langue connue pour être largement comprise), les réceptions décrites en clair, et non en code SINPO, et les frais de réponse doivent être inclus sous la forme de timbres non oblitérés du pays concerné ou de coupons-réponse internationaux (IRC). Quelques clubs d'auditeurs fournissent des formules de rapports et/ou des listes de vocabulaire pour aider à rédiger des rapports dans les principales langues.

Les inscriptions du WRTH comprennent une indication sur comment la station accepte les rapports de réception des auditeurs. (A) indique qu'elle ne les encourage pas, (B) indique que les rapports sont les bienvenus. "Rp." signifie si les frais de réponse sont nécessaires. Pour les stations d'Amérique latine, une liste des stations en ondes courtes connues pour avoir vérifié des rapports de réception ces deux dernières années est donnés à la fin de la rubrique du pays concerné.

## STATIONS EN ONDES LONGUES ET MOYENNES (Long & Medium Wave Stations)

Les stations diffusant entre 150 kHz et 1620 kHz sont listées, par ordre de fréquences, en cinq groupes d'après la situation géographique. Ainsi, si vous êtes dans une région particulière du monde et que vous vouliez identifier une station entendue sur une certaine fréquence, vous avez plus de chance de la trouver parmi les stations listées de votre région. Si vous êtes intéressés par l'écoute à longue distance ("DX") des signaux émis dans ces bandes, vous pouvez avoir besoin de vous référer à d'autres groupes de stations. Toutes ces listes se recoupent avec la "World Radio Section", mais peuvent contenir des stations supplémentaires de faible puissance qui ne sont pas indiquées dans la liste "World Radio" (par exemple, les stations des USA).

## STATIONS ONDES COURTES DANS LE MONDE (Shortwave Stations of the World)

C'est une liste composée de toutes les stations entre 2000 et 30000 kHz mentionnées dans la "World Radio Section". Comme pour les listes en ondes longues et moyennes, le but est de faciliter l'identification des stations par recoupement avec la "World Radio Section". Cependant, lisez la note c), ci-dessous, concernant les changements de fréquences.

**N.B: longueurs d'onde:** pour la compréhension des lecteurs utilisant des récepteurs indiquant les longueurs d'onde au lieu des fréquences, des tables de conversion sont incluses au début des listes, pour les fréquences en ondes longues et moyennes et en ondes courtes.

**Note spéciale:**

**c) changements de fréquences**

Les fréquences listées tout au long du WRTH sont celles programmées pour être utilisées pendant la période d'édition du livre. Dans le cas des stations internationales en ondes courtes, et quelques stations domestiques en ondes courtes, les fréquences listées se rapportent à la période commençant le premier dimanche de mars et, quand cela est aussi possible, pour la période suivante à partir du premier dimanche de mai. La majorité des stations changent leur grille de programmation le premier dimanche de mars, mai, septembre et novembre. Pour le reste de l'année, ces changements, qui ne sont généralement pas connus quand l'ouvrage est imprimé, sont disponibles dans le "WRTH Newsletter" qui est publié trois fois par an pour coïncider avec ces périodes. Pour de plus amples renseignements, consultez l'annonce dans cette édition.

De plus, quelques stations sont obligées d'effectuer des changements sans les notifier à l'avance, en raison d'interférences, de réception médiocre, de modifications dans les programmes, de problèmes techniques, etc . . . C'est particulièrement le cas dans les bandes internationales en ondes courtes où la saturation et l'interférence délibérée compliquent la planification à l'avance des grilles de fréquences. Il est rare que toutes les fréquences prévues par une station soient changées en même temps, aussi essayez toutes les possibilités listées si vous n'êtes pas en mesure d'entendre l'émission que vous désirez à la première tentative.

## TUYAUX PRATIQUES SUR L'UTILISATION DU WRTH

**Que puis-je espérer écouter ?**

Les **Stations en Ondes Longues et Moyennes** varient en puissance, de quelques watts à plus de 2000 kiloWatts. La plupart de ces émetteurs transmettent les Services Domestiques, bien que quelques-uns diffusent aussi les Services Extérieurs, et même certains exclusivement pour ces derniers. Quand il fait jour à la station d'émission, les stations aux puissances les plus faibles ne porteront que jusqu'à quelques kilomètres, alors que les plus puissantes peuvent couvrir un rayon de plusieurs centaines de kilomètres. Quelque stations utilisent des antennes directionnelles pour éviter les interférences avec d'autres stations sur la même fréquence, et pour orienter le maximum de signal vers la direction désirée.

La nuit, les signaux en ondes moyennes sont souvent réfléchis vers la terre par l'ionosphère (couches gazeuses autour de la terre) et les stations peuvent être reçues à de grandes distances où c'est inaudible pendant la journée. Même les stations de faible puissance peuvent être captées de cette manière quand les conditions sont optima et que la réception intercontinentale peut être réalisée, bien que, en théorie, la réception est souvent impossible en pratique à cause des interférences locales.

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Les **Stations en Ondes Courtes** dépendent de l'activité solaire variable pour la réception dans les régions visées souhaitées. La rubrique annuelle "High Frequency Reception Conditions" (Conditions de Réception en Hautes Fréquences — voir le sommaire) décrit en détails ce qui peut être espéré pendant la validité de cette édition. Nous conseillons aussi aux lecteurs intéressés par la réception en ondes courtes de rejoindre un ou plusieurs des Clubs d'Auditeurs qui sont présentés dans cette édition pour obtenir des mises à jour de ce qui peut être entendu.

Les **Stations FM (Modulation de Fréquence)** opèrent dans la bande de fréquences de 66 à 72 MHz (Europe de l'Est) et de 87 à 108 MHz pour les autres pays. Théoriquement, la réception est possible seulement sur la base de la "ligne de vision", mais en pratique les signaux passent au-delà de l'horizon optique. La portée maximum dépendra, bien sûr, de la puissance apparente rayonnée (ERP — PAR en français) qui est l'indication normalement mentionnée dans la liste du WRTH. Sous certaines conditions anormales, les signaux en modulation de fréquence peuvent être réfléchis de la même manière que les ondes courtes, et la réception est possible au-delà de plusieurs centaines de kilomètres, souvent avec un profond évanouissement du signal et quelquefois avec des distorsions du son. En utilisant une antenne rotative à haut gain, il est souvent possible pour les enthousiastes, sous certaines conditions, de repérer beaucoup de stations rares.

### Recherche d'une Station Particulière

Supposons que vous souhaitez écouter une émission dans votre langue diffusée par Radio X. La première chose à faire est de trouver les indications sur Radio X dans la "World Radio Section". Si c'est une station de radiodiffusion internationale, vous trouverez les transmissions effectuées listées par langue ou par zone visée.

Pour la diffusion d'une Service Domestique, recherchez les horaires de diffusion et étudiez la grille des programmes pour découvrir quelles fréquences diffusent le programme. Alors, sélectionnez celles qui semblent avoir le plus de chance d'être audibles dans votre région (dans le cas des stations en ondes courtes, référez-vous à la table des bandes de radiodiffusion les plus favorables — Most Suitable Broadcasting Bands). Si l'émission n'est pas audible à l'heure que vous désirez, vous pouvez peut-être encore être en mesure d'entendre la station à une autre heure de la journée.

Ne déclarez pas que vous écoutez la bonne station jusqu'à ce que vous ayez entendu un identification positive. Il y a aussi de bonnes chances qu'une autre station occupe en même temps la fréquence (voir le châpitre suivant).

### L'identification d'une station

Quand vous entendez un signal que vous ne pouvez pas identifier, notez le plus précisément possible qu'elle est la fréquence. Ecoutez soigneusement pour relever l'origine probable (langue, titres des nouvelles, musique, etc. . . ) et comparez ces indices avec la liste des stations dans les tables ondes courtes ou ondes moyennes pour savoir qui utilise la fréquence. Quand vous avez sélectionné les possibilités, contrôlez la liste pour chaque possibilité dans la "World Radio Section" afin de vérifier si la grille correspond à ce que vous entendez. Prenez en compte les possibilités de réception les plus probables (en vous référant de nouveau à la table des bandes de radiodiffusion les plus propices, si nécessaire) et attendez une identification positive avant d'affirmer que vous avez identifié correctement la station.

Si vous écoutez une station de radiodiffusion internationale, vous pouvez espérer une identification précise au début et à la fin de chaque période d'émission et, une ou plusieurs fois, pendant. Les stations de service domestique peuvent être plus difficiles à identifier (particulièrement, par exemple, lors de la diffusion d'une pièce de théâtre ou d'un concert), mais beaucoup s'annonceront à l'heure et à la demi-heure. Notez que les stations en Amérique du Nord, Australie, Nouvelle-Zélande et de quelques autres pays utilisent des indicatifs d'appel allant jusqu'à cinq lettres et/ou chiffres, alors que dans la plupart des autres pays une station est couramment annoncée par son nom. En Amérique Latine, le nom officiel est fréquemment complété par un slogan.

### Télévision dans le Monde

C'est une section particulière dans le WRTH, et des détails complets et explications sur les listes sont indiqués en tête de châpitre.

### Autres Renseignements dans le WRTH

En plus des sections mentionnées présentées comme aide pratique à l'écoute, une série d'autres informations est proposée, et un coup d'oeil au sommaire général de la page 1 vous indiquera ces particularités non mentionnées déjà.

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# HINWEISE FÜR DEN BENUTZER DES WRTH

Das World Radio TV Handbook (WRTH) gibt Ihnen Auskunft über Rundfunk- und Fernsehstationen in aller Welt. Es hilft Ihnen, sich in Sie gerade interessierende Sendungen einzuschalten und noch unbekannte Stationen zu identifizieren. Nehmen Sie sich einige Minuten Zeit, um diese Hinweise zu lesen, dann werden Sie von der Fülle der gesammelten Information so viel wie möglich profitieren.

Das WRTH ist in verschiedene Rubriken eingeteilt, zwischen denen jedoch ab und zu Querverbindungen bestehen, so daß Sie in jeder nur denkbaren Situation den größten Nutzen daraus ziehen können.

Wer regelmäßig hört, wird wiederholt in folgenden Sektionen nachschlagen:

**WORLD RADIO (RUNDFUNK AUS ALLER WELT)**
Hier findet man eine nach Gebieten und -innerhalb der einzelnen Regionen- nach Ländern geordnete Aufstellung, die alle wichtigen und nützlichen Daten über Rundfunkstationen und -organisationen enthält. Eine typische Eintragung besteht aus folgenden Angaben:

**L.T:** Lokalzeit; diese bemißt sich danach, wieviele Stunden von der UTC (Weltzeit) abgezogen oder zugezählt werden müssen. Vgl. dazu unten die Anmerkung a).

**Pr.L:** Jene Sprache(n), in denen die Inlandsprogramme meist ausgestrahlt werden.

**E.C:** Art, Frequenz und Spannung des üblicherweise verwendeten Netzstromes. In Klammern steht, ob die Stromversorgung für den Betrieb elektrischer Uhren ausreicht (yes) oder nicht (no).

Dann folgen Name und Status der führenden Rundfunkorganisation des Landes einschließlich der Postanschrift, Telefonnummer sowie des Telegramm- und/oder Fernschreibanschlusses.

**L.P.:** Führungspersonal (dabei handelt es sich nicht unbedingt um populäre Programmgestalter, sondern meist um Verwaltungschefs).

**Stationen:** Die Liste enthält alle von der Station betriebenen Sender. Sie ist nach Frequenzen geordnet und nennt die Leistung in Kilowatt sowie das auf bestimmten Wellenlängen ausgestrahlte Programm, wenn eine Angabe darüber angebracht erscheint.

**D.Prgrs:** Darunter fallen Angaben über Sendezeiten, Frequenzpläne, Sprachen und Nachrichtenprogramme jeder einzelnen Sendergruppe, wobei, je nach Bedarf, zuerst die landesweiten, danach die Regional- oder Lokaldienste genannt werden.

**Ann:** Niederschrift der gebräuchlichen Stationsansage.

**Int-Sig:** Manchmal wird das regelmäßig verwendete Sendezeichen als zusätzliche Hilfe für die Identifizierung niedergeschrieben. Einige Intervallsignale sind auch mit Noten dargestellt.

**V:** Angaben darüber, ob die Station Empfangsberichte der Hörer schriftlich bestätigt; siehe dazu unten die Anmerkung b)

**Auslandsdienste:** Sie sind stets nach den Inlandsdiensten genannt; eine Aufstellung besteht aus nachfolgenden Details:

**Stationen:** Eine Liste der Senderstandorte und ihrer Ausstattung.

**G.C:** Sofern der exakte Standort bekannt ist, wird er in Grad und Minuten gennant.

**kHz:** Alle benutzten Frequenzen sind für den eiligen Leser übersichtlich nach Kilohertz zusammengefaßt, so daß man sich bei der Suche nach nur einer Frequenz langwierige Arbeit ersparen kann.

**Bereiche:** Jene Gebiete, für die bestimmte Sendungen gezielt ausgestrahlt werden. Hier gibt es erhebliche Abweichungen von Station zu Station.

**Richtstrahlung:** Sofern bekannt, wird der Azimut (Einfallswinkel) der Hauptsenderichtung in Grad angegeben.

**Ann, Int-Sig, V:** Die Aufstellung entspricht der bei den Inlandsdiensten (siehe oben).

Sofern möglich, werden darüberhinaus zusätzliche Angaben über die Station gemacht. Sollten Sie über deren Bedeutung im Unklaren sein, wird das Abkürzungsverzeichnis weiterhelfen.

**Besondere Anmerkungen:**

a) **Die Universal Time Coordinated (UTC)** = Weltzeit wird international angewendet und daher auch im WRTH zugrundegelegt. Viele Rundfunksender verwenden noch den Begriff Greenwich Mean Time (GMT), der, was das Hören angeht, mit UTC identisch ist. Mit der **Weltzeittabelle** in diesem Buch können Sie die Unterschiede zwischen der Lokalzeit jedes Landes und UTC ermitteln. Aus dieser Tabelle ersehen Sie auch, daß viele Länder die Sommerzeit eingeführt haben. In diesen Fällen beginnen die Inlandsdienste im Verhältnis zur UTC eine Stunde **früher.** Viele Auslandsdienste ignorieren diese Zeitverscheibung und strahlen ihre Programme während des gesamten Jahres zur gleichen UTC-Zeit aus, andere jedoch passen einige oder alle Sendezeiten entsprechend an. Wenn die Verfahrensweise der Station klar ist, wird dies im Text erwähnt. Der WRTH-Newsletter des Monats Mai (beachten Sie die Werbung in dieser Ausgabe) enthält die Sommersendepläne zahlreicher Auslandsdienste. Änderungen der Sendezeiten, die auf religiöse Feste, politische Ereignisse oder Nationalfeiertage zurückgehen, sind nicht immer vorhersehbar. In diesen Fällen ziehen Sie bitte gängige Jahrbücher oder Reiseführer zu Rate.

b) Ein problematisches Thema ist die *Bestätigung von Empfangsberichten.* Wenn Sie gerne solche Bestätigungen (bekannt als 'QSL's') sammeln, lesen Sie die dazu erschienenen Empfehlungen führender Hörervereinigungen oder der Sendeanstalten (z.B. van Radio Nederland), bevor Sie Zeit und Geld mit Schreiben von Rapporten vergeuden. An dieser Stelle können wir nur sehr allgemeine Tips geben.

Berichte an *internationale Auslandsdienste* sollten in Englisch oder in der Sprache des gehörten Programms verfaßt werden. Rückporto ist häufig erwünscht, aber nicht stets erforderlich. Um zu beweisen, daß man die Station wirklich hörte, sind einige genaue Programmde-

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tails anzugeben. Der SINPO-Code ist die gängigste und bequemste Möglichkeit, die Empfangsqualität darzustellen:

| S (Signalstärke) | I (Interferenz) | N (Rauschen) |
|---|---|---|
| 5 ausgezeichnet | 5 keine | 5 keines |
| 4 stark | 4 geringe | 4 geringes |
| 3 mittelstark | 3 mittelstarke | 3 mittleres |
| 2 schwach | 2 starke | 2 starkes |
| 1 kaum hörbar | 1 sehr starke | 1 sehr starkes |

| P (Schwund, Fading) | O (Gesamtbeurteilung) |
|---|---|
| 5 keiner | 5 hervorragend |
| 4 leichter | 4 gut |
| 3 mittelstarker | 3 zufriedenstellend |
| 2 starker | 2 mangelhaft |
| 1 sehr starker | 1 unbrauchbar |

Berichte an *Inlandsdienste* sollten in der Sprache der gehörten Sendung oder einer anderen im Senderort weit verbreiteten Sprache geschrieben werden. Hier ist die Empfangsqualität mit Worten und *nicht* mittels des SINPO-Codes zu beschreiben. Rückporto *muß* in Form von Briefmarken des Landes oder Internationalen Antwortscheinen (IRCs) beigefügt werden. Einige Hörerklubs vertreiben Berichtsvordrucke und DX-Vokabulare für die verbreitetsten Sprachen.

Im WRTH wird angegeben, ob eine Station Hörberichte erwünscht. Ein (A) deutet an, daß sie nicht gerne gesehen sind, ein (B), daß man sich über Berichte freut. Der Hinweis Rp. zeigt, wenn Rückporto beigefügt werden muß. Jene lateinamerikanischen Stationen, die in den letzten 2 Jahren Empfangsberichte bestätigt haben, sind am Ende der Eintragung für das jeweilige Land genannt.

## LONG & MEDIUM WAVE STATIONS (LANG- UND MITTELWELLENSENDER)

In dieser Auflistung sind alle Stationen zwischen 150 und 1620 kHz, nach fünf geographischen Gebieten unterteilt, in Frequenzreihenfolge zusammengefaßt. Wenn Sie also an einem bestimmten Ort auf der Erde eine Station auf einer gewissen Frequenz identifizieren wollen, werden Sie sie sehr wahrscheinlich in der Tabelle dieser geographischen Region finden. Wer auf Lang- und Mittelwelle entfernte ("DX") Signale aufnimmt, wird in den Listen mehrerer Gebiete nachschlagen. Alle Aufstellungen decken sich mit den Angaben in der 'World Radio'-Rubrik; sie enthalten darüberhinaus aber auch Stationen mit sehr schwacher Sendeleistung (z.B. aus den USA), die unter 'World Radio' nicht genannt sind.

## SHORTWAVE STATIONS OF THE WORLD (KURZWELLENSTATIONEN DER WELT)

Dabei handelt es sich um die Zusammenstellung aller Sender zwischen 2000 und 30000 kHz, die im World Radio-Abschnitt erwähnt werden. Wie bei den Lang- und Mittelwellensendern auch, erleichtert ein gleichzeitiges Nachschauen in beiden Rubriken die Identifizierung der Stationen. Beachten Sie aber den unten stehenden Hinweis c) (Frequenzwechsel).

**Übrigens:** Wer ein Rundfunkgerät benutzt, auf dessen Skala Wellenlängen statt Frequenzen abzulesen sind, bediene sich der Einfachheit halber der Umrechnungstabellen, die zu Beginn der Lang- und Mittelwellen- bzw. Kurzwellenfrequenzlisten stehen.

**Besondere Anmerkung:**

**c) Frequenzwechsel**

Im WRTH sind die zur Zeit des Redaktionsschlusses bekannten Frequenzen genannt. Bei vielen internationalen Auslandsdiensten und einigen Inlandssendern gelten sie für die Zeit bis zum 1. Sonntag im März und, wo immer es möglich ist, auch für die nächste Periode bis zum 1. Sonntag im Mai. Die Mehrzahl der Stationen passen ihre Frequenzen jeweils an den ersten Sonntagen im März, Mai, September und November den jahreszeitlich geänderten Ausbreitungsbedingungen an. Diese Änderungen, die normalerweise bei Drucklegung des Buches nicht bekannt sind, werden im WRTH-Newsletter wiedergegeben. Um mit den Frequenzwechseln Schritt zu halten, erscheint er dreimal im Jahr. Beachten Sie die Anzeige an anderer Stelle in diesem Buch.

Des weiteren sind einige Stationen aus technischen Gründen, bei schlechtem Empfang, Interferenz oder wegen einer Änderung der Programmstruktur gezwungen, ihre Frequenzen kurzfristig zu wechseln. Dies geschieht vor allem auf den internationalen Kurzwellenbändern, da die Vielzahl der dort arbeitenden Stationen und Jammer (vorsätzlich betriebene Störsender) eine vorausschauende Planung erschweren. Allerdings ändert eine Station nur selten alle Frequenzen gleichzeitig; versuchen Sie daher, den Empfang auf verschiedenen genannten Wellenlängen, wenn der erste Zugriff nicht klappte.

## PRAKTISCHE TIPS FÜR DEN GEBRAUCH DES WRTH

### Was werde ich hören können?

**Lang- und Mittelwellensender** haben unterschiedliche Leistungen von wenigen Watt bis hin zu 2000 Kilowatt. Die meisten dieser Stationen strahlen Inlandsprogramme aus, einige aber auch Auslandssendungen. Ist es am Senderstandort hell, können die schwachen Stationen nur einen Radius von wenigen Kilometern bestreichen, die stärksten hingegen einen von mehreren Hundert Kilometern. Einige Sender benutzen Richtantennen, um Störungen durch Gleichkanalstationen zu vermeiden und das Signal nur in eine gewünschte Richtung zu lenken.

Zur Nachtzeit werden demgegenüber Mittelwellensignale von der Ionosphäre-der äußersten Gashülle der Erdatmosphäre-reflektiert, so daß dann weit entfernte Stationen, die man tagsüber nicht empfängt, hörbar werden. Bei optimalen Bedingungen können auch sehr schwache Stationen und solche aus Übersee aufgenommen werden, wenngleich die Interferenzen durch Heimatdienste im Lande des Hörers den theoretisch denkbaren Empfang oft verunmöglichen.

**Kurzwellenstationen** wiederum sind von der Sonnenaktivität abhängig. Der alljährlich in diesem Buch erscheinende Beitrag "High Frequency Reception Conditions" (Empfangsbedingungen auf Kurzwelle, vgl. dazu das Inhaltsverzeichnis) stellt detailliert dar, mit welchen Bedingungen diesmal zu rechen ist. Kurzwelleninteressierten Lesern empfehlen wir ferner, einem der zahlreichen Hörerklubs beizutreten, um stets darüber auf dem laufenden zu bleiben, was gerade gehört werden kann.

**FM-(UKW-)Stationen** nutzen in Osteuropa den Bereich 66-72 MHz und überall sonst 87-108 MHz. Theoretisch ist ein Empfang nur bis zum optischen Horizont möglich, in der Praxis gehen die Möglichkeiten aber darüber hinaus. Die Reichweite bestimmt sich nach der tatsächlichen Sendeleistung (ERP), die in der Regel in

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den WRTH-Eintragungen genannt ist. Bei außergewöhnlichen Bedingungen werden UKW-Signale allerdings ebenso wie Kurzwellen reflektiert, so daß man sie noch viele Hundert Kilometer entfernt aufnehmen kann, wenn auch häufig von starkem Schwund und zerhacktem Ton begleitet. FM-Enthusiasten können bei solchen Bedingungen mit Hilfe einer speziell abgestimmten und drehbaren Antenne viele seltene Stationen emfangen.

**Aufspüren einer bestimmten Station**

Nehmen wir an, Sie wollen von Radio X eine Sendung in Ihrer Sprache hören. Zuerst müssen Sie dafür im Abschnitt 'World Radio' die entsprechende Eintragung finden. Sofern es sich um einen Auslandsdienst handelt, sind die verfügbaren Programme nach Sprache und/oder Zielgebiet aufgeführt. Bei einem Inlandsdienst gilt es, die Sendezeiten und die gerade benutzten Frequenzen zu suchen. Wählen Sie jene aus, die die größten Chancen versprechen, in Ihrem Land gehört zu werden (bei Kurzwellensendern bedienen Sie sich der Liste der am besten geeigneten Rundfunkbänder, die in diesem Buch enthalten ist). Ist die Station zu einer bestimmten Zeit nicht hörbar, probieren Sie es zu einer anderen Tageszeit. Nehmen Sie niemals an, tatsächlich den gewünschten Sender zu empfangen, bis Sie nicht eine klare Stationsansage vernommen haben, denn es besteht immer die Möglichkeit, daß jetzt eine andere Station die Frequenz belegt (siehe dazu auch die Angaben im folgenden Abschnitt).

**Identifizieren einer Station**

Wenn Sie einen Sender aufnehmen, den Sie nicht identifizieren können, stellen Sie zuerst die Frequenz so exakt wie möglich fest. Versuchen Sie, aus dem Programm (Sprache, Nachrichtendetails, Art der Musik usw). Hinweise auf das Herkunftsland zu gewinnen und vergleichen Sie diese Anhaltspunkte mit den in der Kurz- oder Mittelwellenfrequenzliste genannten Stationen. Haben Sie auf diese Weise die Möglichkeiten eingegrenzt, prüfen Sie für jeden einzelnen Sender in der World Radio-Rubrik, ob die Eintragungen sich mit dem von Ihnen gehörten Programm decken. Berücksichtigen Sie stets die Empfangs- und Ausbreitungsbedingungen (dabei kann wiederum die oben genannte Tabelle helfen) und warten Sie auf eine eindeutige Identifikation, bevor Sie annehmen, die Station gehört zu haben. Bei Auslandsdiensten können Sie mit klaren Ansagen am Anfang und Ende jedes Programms, aber auch zwischendurch rechnen. Schwieriger ist es mit Inlandsdiensten (insbesondere wenn ein Hörspiel oder ein Konzert ausgestrahlt wird), doch Ansagen sind auch hier oft zur vollen oder halben Stunde zu erwarten. Während in den meisten Ländern der Stationsname genannt wird, sind in Nordamerika, Australien, Neuseeland und einigen anderen Staaten Rufzeichen gebräuchlich. Sie bestehen aus bis zu fünf Buchstaben und/oder Zahlen. In Lateinamerika wird der Stationsname häufig durch einen Slogan ergänzt.

**WORLD TELEVISION (FERNSEHEN AUF DER WELT)**

Dabei handelt es sich um eine abgeschlossene Rubrik des WRTH; wie man Nutzen aus ihr zieht, ist an ihrem Beginn erklärt.

**ANDERE BEITRÄGE IM WRTH**

In Ergänzung zu jenen Abschnitten, die dazu bestimmt sind, praktische Hilfe beim Hören zu leisten, enthält das Buch ein zusätzliches weitgefächertes Angebot. Ein Blick auf das Inhaltsverzeichnis auf Seite 1 genügt, um alle hier nicht ausdrüchlich genannten Beiträge zu finden.

It is essential that microphones used for digital recording be capable of covering a dynamic range of at least 96 dB, since this is the range between the quantizing noise of a 16-bit system and its clipping level. Neumann condenser microphones have always provided 107 dB (e.g. U 87) – some as high as 122 dB – but this is only one of their many advantages. There is no doubt that your digital recordings will continue to have their best chance at success if they are made using Neumann microphones. We'll be glad to send you our catalog 110.

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# GUIA DEL USUARIO DEL MANUAL MUNDIAL DE RADIO Y TELEVISION

El Manual Mundial de Radio y Televisión (WRTH) es su guía práctica de los servicios mundiales de radio y televisión. Utilizando el Manual, puede Vd. sintonizar emisiones de interés de todo el mundo, e identificar emisoras que no había escuchado antes. Pero para conseguir el máximo provecho del caudal de información contenido entre sus cubiertas, le recomendamos que dedique unos minutos a leer estas notas explicativas.

El Manual está dividido en varias secciones, algunas de las cuales se refieren unas a otras, para hacerlo lo más útil posible en un amplio abanico de situaciones de escucha.

Si es Vd. un escucha activo, se encontrará buscando referencias con frecuencia en varias secciones clave:

**WORLD RADIO (LA RADIO EN EL MUNDO)**

Es una relación país por país subdividida en regiones) de los datos esenciales sobre las emisoras y organizaciones radiodifusoras, además de otras informaciones de utilidad. Una nota típica contiene la siguiente información:

**L.T:** Hora local, indicada como un número de horas delante o detrás del Tiempo Universal Coordinado (UTC). Para una explicación más detallada de esta relación, ver nota a) más adelante.

**Pr.L:** Idioma(s) principal(es) utilizado en las emisiones de ámbito local o nacional (interior del país).

**E.C:** Tipo, frecuencia y voltaje de las fuentes normales de electricidad. Entre paréntesis se indica si la fuente es lo suficientemente estable para hacer funcionar relojes eléctricos (yes) o no (no).

A continuación sigue el nombre y categoría de la organización radiodifusora principal, con la dirección postal, número de teléfono y dirección para cable y/o télex.

**L.P:** Personal directivo (compuesto por los principales directivos administrativos, no necesariamente las personas que salen en el aire).

**Stations:** (Emisoras). Una lista, por orden de frecuencia, de todos los transmisores operados por el emisor, con la potencia radiada en kilowatios (kW) y, en su caso, la red o el programa llevado a cabo por cada transmisor.

**D.Prgrs:** Detalles de horarios de transmisión, lista de frecuencias, idiomas y nuevos boletines de cada red por separado, con los servicios nacionales mencionados en primer lugar, seguidos por los servicios regionales y/o locales si los hubiera.

**Ann:** Transcripción de los anuncios clave de identificación difundidos por la emisora.

**Int-Sig:** (Sintonía). En algunos casos, se incluye una descripción de las sintonías que se usan normalmente como una ayuda adicional para la identificación. Algunas sintonías se dan también en notación musical.

**V:** Detalles de la política de la emisora en relación con la verificación escrita de los informes de recepción de los escuchas. Ver nota b) más abajo.

**External Services:** (Servicios exteriores)—Estos están relacionados al final de los detalles de los Servicios interiores, y en la mayoría de los casos incluyen los siguientes datos:

**Stations:** (emisoras)—Una lista de los lugares desde los que se emite y otros datos de utilidad.

**G.C:** Localización exacta, en grados y minutos, del lugar de transmisión, siempre que esta información sea conocida.

**kHz:** Una lista de rápida consulta de frecuencias en kilohercios que le evitará tener que buscar por toda la banda línea por línea para encontrar una frecuencia determinada.

**Areas:** Las zonas geográficas oficiales designadas por cada emisora para sus diferentes transmisiones. Estas varían ampliamente de una emisora a otra.

**Beam:** (Haz de emisión)—Se indica el azimut de irradiación máxima en grados desde el norte verdadero del lugar de transmisión, siempre que se conozcan estos datos.

**Ann, Int-Sig, V:** Igual que en el caso de los Servicios interiores (ver más arriba)

Algunos detalles adicionales, no mencionados más arriba, se incluyen siempre que es posible. En caso de duda acerca de su significado, le será de utilidad la lista de abreviaturas.

**Notas Especiales:**

a) **Tiempo Universal Coordinado (UTC).** Se utiliza a lo largo del Manual según las convenciones internacionales. Muchos radiodifusores utilizan como referencia todavía el Tiempo Meridiano Greenwich (GMT), lo cual a efectos prácticos de escucha es lo mismo. La **World Time Table** (Tabla Horaria Mundial) de este Manual contiene una lista de diferencias entre la hora local de cada país y el UTC. En muchos países, como se puede ver en la Tabla Horaria Mundial, se utiliza el horario de verano. Cuando esto ocurre, las emisiones del servicio interior serán **una hora antes** en relación con el UTC. Muchos radiodifusores internacionales ignoran este cambio y de este modo sus programas permanecen en la misma hora UTC durante todo el año. Sin embargo, otros cambian algunos o todos sus horarios durante el verano. Cuando el modelo está claro, está indicado en el texto. El Boletín WRTH (ver el anuncio en esta edición) contiene los horarios de verano de muchas emisores internacionales en su edición del mes de mayo.

Los cambios de horario de emisión debidos a fiestas religiosas, acontecimientos políticos o fiestas nacionales, no pueden ser siempre previstos con anticipación, y se recomienda la consulta de almanaques o publicaciones de viajes para esta información.

b) **La verificación de informes de recepción** es un tema complicado, y si está interesado en coleccionar estas verificaciones (conocidas como tarjetas "QSLs") le recomendamos que estudie las instrucciones publicadas

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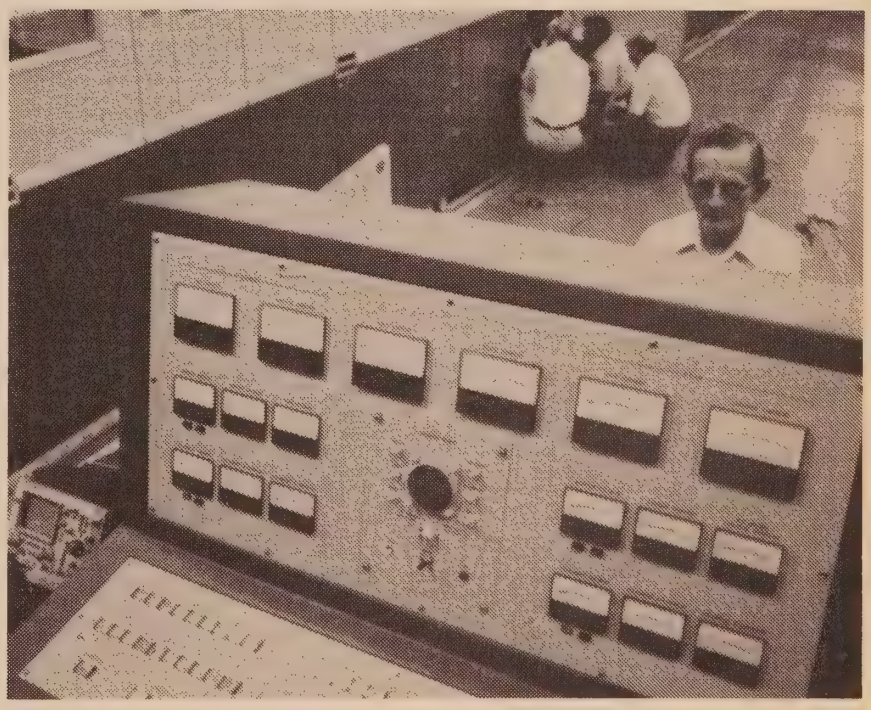

Top: 2,000,000 watt transmitter during factory test; Top right: low power AM and FM transmitters during final assembly and test; Bottom right: 250,000 watt SW transmitter.

Continental Electronics

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por los Clubs de Radioescuchas más importantes y algunas emisoras de radio (ej. Radio Nederland) antes de invertir su tiempo y dinero enviando informes de recepción. Aquí le ofrecemos unas instrucciones a nivel muy general.

Los informes a **Emisoras internacionales** podrán enviarse en inglés o en el idioma de la emisión que Vd. escuchó. Le agradecerán que envíe el franqueo postal para la respuesta, pero no siempre es necesario. Proporcione algunos comentarios constructivos sobre el programa para demostrar que realmente lo escuchó. El código SINPO es un método establecido y conveniente para indicar la calidad de recepción, y es como sigue:

| **S** (Fuerza de la señal) | **I** (Interferencia) | **N** (Estática) |
|---|---|---|
| Signal Strength | Interference | Noise |
| 5 excelente | 5 ninguna | 5 ninguna |
| 4 fuerte | 4 ligera | 4 ligera |
| 3 normal | 3 moderada | 3 moderada |
| 2 pobre | 2 fuerte | 2 fuerte |
| 1 casi inaudible | 1 muy intensa | 1 muy fuerte |

| **P** (Propagación) | **O** (Resúmen) |
|---|---|
| Propagation | Overall merit |
| 5 ninguno | 5 excelente |
| 4 ligero | 4 bueno |
| 3 moderado | 3 bastante bueno |
| 2 notable | 2 pobre |
| 1 muy acentuado | 1 inservible |

En los informes para las emisoras del servicio interior, se deberá utilizar el idioma de la emisión (o cualquier otro idioma que se sepa que es conocido ampliamente), las condiciones de recepción deben estar descritas en palabras, **no** con el código SINPO, y **debe** enviarse el importe del franqueo postal para la respuesta, bien en sellos del país en cuestión, bien mediante los Cupones de Respuesta Internacional (IRC). Algunos clubs de radioescuchas disponen de formularios para usar en los informes, y/o de listas de vocabulario en los idiomas más importantes, para ayudar en la confección de informes.

En las diferentes notas del Manual se incluye una indicación de si la emisora quiere informes de recepción de los escuchas. (A) indica que no los fomenta, (B) indica que los informes son bienvenidos. Rp. quiere decir que es necesario enviar el importe del franqueo postal para la respuesta. Para las emisoras de América Latina, se da una lista de emisoras de onda corta de las que se sabe que han verificado informes en los dos últimos años al final de la nota correspondiente a cada país de importancia.

## EMISORAS DE ONDA CORTA Y ONDA MEDIA

Las emisoras que emiten entre los 150 kHz y los 1620 kHz se relacionan, por orden de frecuencia, en cinco grupos, de acuerdo con la situación geográfica. De este modo, si Vd. se encuentra en una zona determinada del mundo y desea identificar una emisora escuchada con cierta frecuencia, lo más probable es que la encuentre entre las emisoras de la lista de su región. Si está interesado en escuchar señales de larga distancia ("DX") en estas bandas, podrá necesitar buscar la referencia en los otros grupos de emisoras. Todas estas listas se refieren a la Sección "World Radio" (la radio en el mundo), pero podrían incluír además emisoras de poca potencia que no estén indicadas por separado en la lista de esta sección (ej. las emisoras de los EE.UU.).

## EMISORAS DE ONDA CORTA DEL MUNDO

Esta es una lista compuesta por todas las emisoras entre los 2000 y los 30000 kHz mencionadas en la sección "World Radio". Al igual que en las listas de Onda larga y media, el propósito es facilitar la identificación de las emisoras con referencias a la Sección "World Radio". Sin embargo, vea nota c) más abajo relativa al cambio de las frecuencias.

**N.B: Longitudes de onda:** Para facilitar el trabajo de los lectores que utilicen radios en las que se indique la longitud de onda en lugar de las frecuencias, se incluyen tablas de conversión al comienzo de las listas de frecuencias en onda larga y media y onda corta.

**Nota especial:**

**c) Cambios de frecuencia**

Las frecuencias que están listadas a lo largo del Manual son aquellas que estaban en vigor en el momento de cerrar esta edición. En el caso de las emisoras de onda corta internacionales y algunas emisoras de onda corta locales, las frecuencias listadas se aplican al período hasta el primer domingo de marzo y siempre que sea posible, también al siguiente período hasta el primer domingo de mayo. La mayor parte de las emisoras cambian sus horarios para adaptarse a los cambios estacionales en los modelos de recepción los primeros domingos de marzo, mayo, septiembre y noviembre. Los cambios para el resto del año, los cuales no se saben generalmente cuando se imprime el Manual, están disponibles en los Boletines WRTH, que se publica tres veces al año para coincidir con estos períodos. Para más detalles, ver el anuncio en esta edición.

Además, algunas emisoras se ven forzadas a hacer cambios sin poder anticiparlo adecuadamente, debido a interferencias, pobreza de recepción, cambios en la programación, problemas técnicos, etc. Este es el caso en especial de las bandas de onda corta internacionales, en las que la saturación y las interferencias deliberadas complican la planificación por anticipado de las frecuencias. Es raro que todas las frecuencias de una emisora sean cambiadas al mismo tiempo, por lo que si no puede escuchar la emisión que desea al primer intento, trate de captar todas las posibilidades indicadas en la correspondiente lista.

## CONSEJOS PRACTICOS PARA USAR EL MANUAL

### ¿Qué puedo esperar oír?

**Las emisoras de onda larga y media** varían en potencia de unos pocos vatios a tanto como 2000 kilovatios. La mayoría de estos transmisores llevan a cabo servicios locales o nacionales (interiores), aunque unos pocos pueden llevar servicios exteriores, y algunos transmisores se utilizan exclusivamente para éstos últimos. Cuando es de día en el lugar de emisión, las emisoras de menor potencia alcanzarán solamente unos pocos kilómetros, mientras que las más potentes pueden cubrir un radio de varios cientos de kilómetros. Algunas emisoras utilizan antenas direccionales para evitar interferir otras emisoras en la misma frecuencia, y para irradiar la mayor parte de la señal en la dirección deseada.

Durante la noche, las señales de onda media se reflejan a menudo hacia la tierra por la ionosfera (capas de gas alrededor de la tierra), y se pueden recibir emisiones desde grandes distancias que son inaudibles durante el día. Incluso las emisoras de poca potencia pueden ser sintonizadas de este modo cuando las condiciones son óptimas, y se puede conseguir la recepción intercontinental, aunque las recepciones teóricas son a menudo

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imposibles en la práctica debido a las interferencias locales.

**Las emisoras de onda corta** dependen de la variable actividad solar para su recepción en la zona pretendida. La característica anual "High Frequency Reception Conditions" ("Condiciones de recepción de las altas frecuencias", ver Indice General) describe en detalle lo que se puede esperar durante la vigencia de esta edición. También aconsejamos a los lectores interesados en la recepción de onda corta que se hagan socios de uno de los muchos Clubs de Escuchas relacionados en esta edición, para estar al día en lo referente a lo que puede escucharse.

**Las emisoras de FM (modulación de frecuencia)** operan en las frecuencias situadas entre los 66-77 MHz (Europa oriental), y los 87-108 MHz en el resto del mundo. La recepción es teóricamente posible solamente sobre la base de una "línea de visión", pero en la práctica las señales penetran de hecho cierta distancia más allá del horizonte óptico. El máximo grado dependerá por supuesto de la potencia efectiva radiada (ERP), que es la que normalmente se menciona con una cifra en las listas de este Manual. Bajo determinadas condiciones anormales, las señales de FM pueden ser reflejadas en el mismo modo que las señales de onda corta, y puede ser posible la recepción a más de muchos cientos de kilómetros, a menudo con grandes pérdidas de señal y a veces con cierta distorsión en la audición. Utilizando una antena rotativa de gran alcance, es posible a menudo para los entusiastas captar muchas emisoras raras bajo estas condiciones.

**Para buscar una emisora determinada**

Supongamos que Vd. sesea escuchar una emisión en su idioma de Radio X. Lo primero que debe hacer es encontrar la información de Radio X en la Sección "World Radio". Si es una emisora internacional, encontrará las emisiones disponibles por idiomas y/o por zonas. Para una emisión interior busque las horas de transmisión y estudie el horario para descubrir en qué frecuencias se emite. Después seleccione una que parezca ser la que más posibilidades tenga de ser audible en su zona (en el caso de emisoras de onda corta, busque en la "Table of the Most Suitable Broadcasting Bands" ("Tabla de Bandas de Emisión más adecuadas"). Si la emisión no es audible a la hora que desea, aún puede escuchar la emisora a otra hora del día. No dé por hecho que está escuchando la emisora correcta hasta que haya oído una identificación en sentido positivo. Siempre hay una amplia posibilidad de que otra emisora esté ocupando la frecuencia (ver la siguiente sección).

**Identificar una emisora**

Cuando escuche una señal que no puede identificar, anote con la mayor seguridad posible qué frecuencia es. Escuche con cuidado para encontrar pistas como su posible origen (idioma, temas informativos, tipo de música, etc.) y compare estos datos con la lista de emisoras en las tablas de onda corta o de onda media con la que con mayor probabilidad esté utilizando la frecuencia. Cuando haya reducido las posibilidades, compruebe las listas para cada posibilidad en la sección "World Radio" para ver si la tabla de frecuencias encaja con la que Vd. está oyendo. Tenga en cuenta las posibilidades de recepción más cercanas (consultando de nuevo la "Table of the Most Suitable Broadcasting Bands" ("Tabla de Bandas de Emisión más adecuadas"), en su caso), y espere a tener una identificación positiva antes de dar por hecho que ha identificado la emisora correctamente.

Si está escuchando una emisión internacional, puede esperarse una identificación clara al principio y al final de cada periodo de transmisión, y en uno o más puntos en medio. Las emisoras para servicios interiores podrían ser más difíciles de identificar (especialmente, por ejemplo, si se está en mitad de la transmisión de una obra de teatro o de un concierto), pero muchas se anunciarán a la hora o medio hora. Tenga en cuenta que las emisoras de Norteamérica, Australia, Nueva Zelanda y algunos otros países utilizan siglas de hasta cinco letras y/o números, mientras que en la mayor parte de los demás países se anuncia normalmente el nombre de la emisora. En Latinoamérica frecuentemente se añade al nombre oficial un slogan.

**WORLD TELEVISION (LA TELEVISION EN EL MUNDO)**

Esta es una sección independiente del Manual, y en sus páginas introductorias hallará detalles completos y explicaciones de las listas.

**OTRAS CARACTERISTICAS DEL WRTH**

Además de las secciones diseñadas como ayudas prácticas para la escucha, se ofrece una gama de otros materiales, y una ojeada al Indice General en la página 1 mostrará las características no mencionadas aún.

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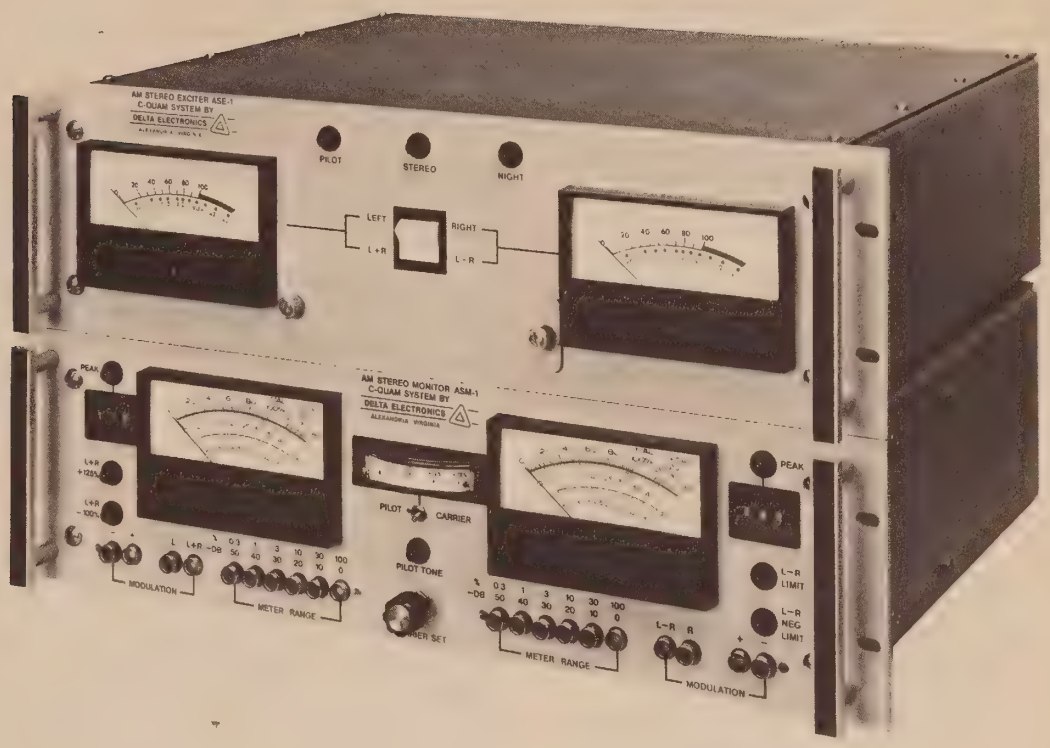
## DEADLINES

**The standard deadlines for WRTH Newsletters are:**
**May issue: April 15th**
**September issue: August 15th**
**November issue: October 15th**
**The deadline for WRTH86 is October 15th 1985.**

**NB: These are final deadlines. We would appreciate your information as early as possible to make our job easier.**

# AM Stereo Without Compromise

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# THE FUTURE REGULATION OF HIGH-FREQUENCY BROADCASTING

by Willi Menzel

**About the Author:**

The author is a recognized expert in World Broadcasting. After his study of physics, he devoted his activities to the field of radio propagation, as a scientist with the German Post and Telecommunication Administration. He contributed to the success of the URSI (International Radio Scientific Union) in founding its German National Committee and in establishing the "Arbeitsgemeinschaft Ionosphäre" (working party ionosphere), an interorganizational body to exchange knowledge and experience about radio propagation. From 1955-1977 he served the International Telecommunication Union (ITU), where he was engaged in tasks connected with the regulation of short-wave broadcasting. One major result of his activity was the publication of the Seasonal Tentative High-Frequency Broadcasting Schedules, including all short-wave broadcasting emissions. His work was strictly in accordance with the procedures adopted by international conferences.

Since 1977, he works as an independent adviser. Having gained much experience of international broadcasting, his opinions on its further development may perhaps contribute to thinking about rules which would enable all countries to broadcast reliably to billions of receivers.

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**Present regulation**

The operation of High-Frequency Broadcasting (HFBC) in the frequency bands between 5950 and 26100 kHz is universally governed by the Radio Regulations which include prescriptions for all kinds of radio services, established and agreed by the telecommunication administrations of the world on the occasion of World Administrative Radio Conferences. In principle, the agreed regulations shall become integral parts of each national legislation. Such international agreements can in general be considered the smallest common denominator. During the Conferences, the participating administrations can formulate exceptions on their behalf, according to which they can legally vary the general prescriptions. It is remarkable that only very few of such individual reservations have been included in the currently valid Radio Regulations of 1979.

The frequencies which national telecommunication administrations assign to the users in their respective countries must correspond to the Frequency Allocation Table, where the different frequency bands are allocated to services as fixed, mobile, aeronautical, maritime, mobile, radionavigation, amateur and broadcasting. Emissions in the frequency bands between 5950 and 26100 kHz are the subject of this article; all frequency uses except amateur and broadcasting must be notified to the International Frequency Registration Board (IFRB), which examines them relative to possible interference caused to other stations and finally includes these assignments in the International Frequency Register. These stations consequently enjoy international protection. The bands allocated to the amateur service are the only ones to be used by authorized individuals without notification, but without any protection against other amateur stations.

The regulation of broadcasting is entirely different from that of all other radio services. The frequency bands for this service have been fixed by the Conference of Mexico City, 1948. The basic idea was to establish a frequency allotment plan according to which all countries should have access to the spectrum, with a guaranteed quality of reception in the intended areas. All those efforts of planning have however failed because of the limited spectrum space available and the excessive requirements submitted by many countries. When these bands were defined, World War 2 was just over, and the spirit of the Conference, from which all war-losers were excluded, was greatly influenced by post-war feelings. The participants were convinced that planning would be possible under the political conditions of that time.

One of the most important obstacles of such planning however is of natural origin. The usable frequency bands depend greatly on the solar radiation producing the conductive layers of the high atmosphere known as the ionosphere and vary, consequently, with the hours of the day, the seasons and the sunspot activity. Therefore, the Mexico City Conference (CIRAF = Conferencia Internacional Radiofusión Altas Frecuencias) decided to draw up a series of plans (winter, equinox, summer seasons, all those for low, medium and high sunspot activities) of worldwide validity. CIRAF elaborated a reference plan for the season May-August, sunspot number 70. Following conferences were then to set up corresponding plans for the remaining eight seasons. Numerous very long meetings followed, but the more the political situation of the world changed (de-colonization, new countries developing, the return of war-losers into the world concert), the less such planning became possible and reasonable. In 1952, the IFRB was charged to elaborate, on the basic concept of CIRAF, a new set of seasonal plans based on requirements to be submitted by all countries. This draft plan was then to be presented to the Radio Conference scheduled for 1959.

At that time, the political situation had greatly changed since 1948. The creation of new countries as well as important disagreements between the winners of World War 2 entirely changed the conception of high-frequency broadcasting. Consequently, the 1959 Conference decided within a few minutes to throw the ten-years work of numerous experts into the dustbin and to develop a flexible solution for HFBC, allowing everyone to use the frequencies according to individual needs. As a consequence, the situation became more and more hopeless. However, one of the most important obstacles of this procedure, still as valid today, is the intentional interference mostly produced by the USSR and certain of her allies. This "jamming" has its roots in the difference of broadcasting policies. The USSR is of the opinion that programs intended for reception within the regions she controls should be subject to their prior agreement, while in most other countries the "ether" is considered to be free for everyone's use. This jamming causes the broadcasters involved to increase the number and the power of their stations to overcome this unwanted interference, which, on the other side, leads to further power increases and more jammers as well as the beaming of more and more strong signals towards the sphere of American

interest. The result of this kind of power game is that sometimes as many as 10 frequencies are simultaneously used in the same band with the same program. Most affected are those countries whose economic situation does not allow transmitting facilities of adequate number and power to reach their population.

Bearing in mind the present difficulties, the 1979 Conference decided to re-arrange the use of the bands by reasonable planning, so returning to the conception of CIRAF, 1948. It was realized that planning would only be feasible if more frequency space were attributed to broadcasting. Considering the replacement of very many services by satellite communication, such an increase to the benefit of broadcasting should have been feasible. It is most regrettable that the Conference did not find justification in giving more spectrum space to broadcasting in the areas of 6 and 7 MHz, which during most years of low solar activity are the only ones suitable to cover national territories. The Conference however decided to enlarge, as from 1994, the 9 MHz band and as from 1989 the higher bands, which are generally usable only for broadcasts intended for outside the country. The developing countries, which are mainly in need of national shortwave broadcasts, gave priority to other services and so missed the opportunity of satisfactorily reaching their population, and this probably for the rest of this century. In this context, one should not forget that the majority of shortwave receivers available in the Third World do not cover the higher frequency bands.

The present situation on all HF bands reflects the difficulties of finding adequate frequencies, as well as the lack of competence of many administrations in handling frequency matters.

The following list, concerning frequency bands used by broadcasters, has been taken from WRTH 1984. Not all frequencies mentioned may be regularly on the air, some will be used for part of the year only, some could be used only occasionally.

| Frequency Band (kHz) 1 | Allocation to Services 2 | for Broadcasting after 1989/1994 3 | Used by specific countries according to WRTV Handbook 1984 4 |
|---|---|---|---|
| 5260-5950 | fixed, aeronautical | — | Afghanistan, Austria, Belgium, Bolivia, Chad, Czechoslovakia, China, Colombia, Indonesia, Laos, Pakistan, Peru, Saudi-Arabia, USSR, Vietnam<br>total 60 stations |
| 5950-6200 | broadcasting | — | total 632 stations |
| 6200-6800 | maritime, aeronautical | — | Afghanistan, Bolivia, China, Equat., Guinea, Korea, Laos, Lebanon, Monaco, Mongolia, Peru, Somalia, Turkey, Vatican, Vietnam<br>total 56 stations |
| 7000-7100 | amateur | — | Albania, China, Indonesia, Kampuchea, Laos, Pakistan, Peru<br>total 23 stations |
| 7100-7300 | broadcasting<br>(America: amateur) | — | total 337 stations |
| 7300-7670 | fixed | — | Albania, Australia, Bulgaria, Canada, China, Czechoslovakia, Ecuador, Germ. Democr. Rep., Greece, India, Israel, Korea, Laos, Mozambique, Pakistan, Peru, Taiwan, UK, USA, USSR, Vatican, Vietnam<br>total 64 stations |
| 9000-9500 | aeronautical, fixed | — | Albania, China, Egypt, Greece, Korea, Israel, Iran, Monaco, Pakistan, Spain, UK, USSR<br>total 39 stations |
| 9500-9775 | broadcasting | — | total 660 stations |
| 9775-9900 | fixed up to 1994 | + | Belgium, China, Cuba, Egypt, France, Greece, Hungary, India, Israel, Korea, Kuwait, Monaco, Netherlands, Pakistan, Peru, Qatar, Saudi-Arabia, UK, USA, USSR, Vietnam, Yemen<br>total 41 stations |
| 11650-11700 | fixed up to 1989 | + | Austria, China, Cuba, Egypt, Greece, Israel, Korea, Kuwait, Monaco, Pakistan, Saudi-Arabia, Spain, UK, Venezuela<br>total 22 stations |
| 11700-11975 | broadcasting | — | total 567 stations |
| 11975-12050 | fixed up to 1989 | + | Albania, Austria, China, Czechoslovakia, Egypt, France, Greece, Hungary, Israel, Korea, Kuwait, Pakistan, Switzerland, Spain, UK, USSR, Vietnam, Australia<br>total 36 stations |

| | | | |
|---|---|---|---|
| 12050-12200 | fixed | — | China, Greece, Mongolia, UK, USSR<br>total 10 stations |
| 13600-13800 | fixed up to 1989 | + | Iceland, Israel, Pakistan<br>total 3 stations |
| 15045-15100 | aeronautical | — | Afghanistan, Saudi-Arabia, Iran, UK, USSR<br>total 7 stations |
| 15100-15450 | broadcasting | — | total 505 stations |
| 15450-15600 | fixed up to 1989 | + | Belgium, China, Colombia, Egypt, Israel, Kuwait, Korea, Liberia, Madagascar, Morocco, Netherlands, Netherlands Antilles, Pakistan, Spain, Switzerland, USA, USSR<br>total 55 stations |
| 17550-17700 | fixed up to 1989 | + | Belgium, China, Cuba, Egypt, France, Greece, Israel, Kuwait, Netherlands, Netherlands Antilles, Pakistan, Spain, UK, USA<br>total 28 stations |
| 17700-17900 | broadcasting | — | total 256 stations |
| 17900-18100 | aeronautical | — | Libya, Qatar, UK<br>total 4 stations |
| 21450-21750 | broadcasting | — | total 138 stations |
| 21750-21850 | fixed up to 1989 | + | Belgium, Pakistan, USA<br>total 5 stations |
| 25600-25670 | radio astronomy | — | Israel, Norway, UK, USA<br>total 6 stations |
| 25670-26100 | broadcasting | — | total 18 stations |

**Remark.**
The indication of countries using frequencies in derogation of the ITU allocation table may draw the attention of the reader to the fact that many countries with limited facilities feel obliged to transmit "out-of-band" in order to reach listeners in their own country and abroad. One of the justifications may be to escape the heavy jamming spoiling a considerable part of the spectrum. That certain countries having many high power transmitters are also working outside the official frequency bands, may also be to avoid the effect on their broadcasts of jamming by their own or foreign countries.

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These statistics show that about 3100 transmitters are using the currently available bands, while 190 stations already occupy the extended portions not yet permitted for broadcasting. There are however as many as about 270 stations, observed on frequency bands definitely allocated to other services. Thus, 460 stations have altogether been observed to operate in derogation of the Frequency Table, that is about 13% of all emissions as monitored by WRTH and its collaborators. About 56 different countries are involved in this unauthorized use (that is more than one third of all ITU member countries!) which shows already the difficulties which the second session of the Conference will have to face in 1987.

The Conference, as decided by the Radio Conference 1979, was to be held in two sessions. The first one was to establish the technical parameters to be used for planning as well as to define the principles and the methods for regulating the high frequency broadcasting service. This session was held in January 1984. The second meeting, scheduled for 1987, shall then adopt the principles and methods and carry out the planning and revise, where necessary, the relevant provisions of the Radio Regulations.

As far as the technical parameters are concerned, the Conference reached agreement. The following subjects were defined, and it can be expected that the second session will have no difficulty in finally adopting them.

a) The terms related to the following matters were fixed: emission, frequency, bandwidth, power, reception zones, propagation, reliability, field strength, ratio of wanted to unwanted signals, coverage, service area and planning.
b) The method to be applied to determine the sky-wave field strength for planning purposes, the calculation of fading allowances, the selection of optimum frequency bands and of antenna characteristics, of the use of synchronized transmitters and the maximum number of frequencies required for the same program to the same zone, the minimum usable field strength.
c) Specification and progressive introduction of a single sideband (SSB) system.
d) Technical criteria for double sideband systems (bandwidth, channel spacing, modulation processing, nominal carrier frequencies, receiver characteristics, propagation, radio noise and solar index, fading, frequency tolerance, protection ratios, circuit reliability).
e) Theoretical capacity of HF broadcasting bands.

Uniform agreement was reached about the extension of planning to the entire broadcasting bands, in place of the present procedure.

Due to the very great number of receivers available in all parts of the world, it will be very difficult to make general use of single sideband techniques, the only system allowing the doubling of the number of channels available. Although a transition period of 20 years has been proposed, it is more than doubtful whether the mass of cheap receivers can be replaced by equally inexpensive sets. The main question is whether the industry is willing to produce such receivers in the very near future.

The most difficult subject of the Conference concerned the planning principles and methods. Very lengthy and difficult discussions took place, and up to the last week of

# RDS RADIO DATA SYSTEM.
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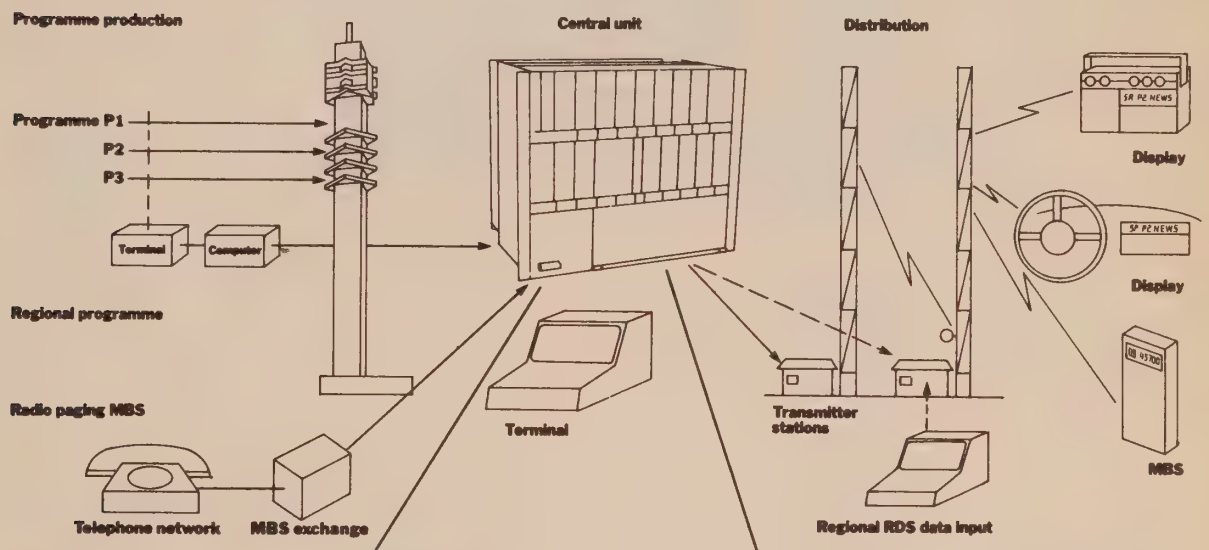
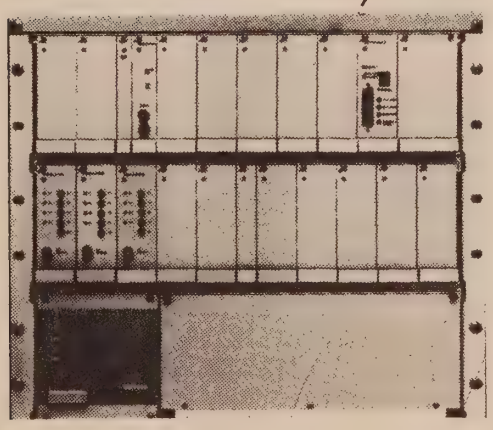
To implement this service, three different types of equipment are required:

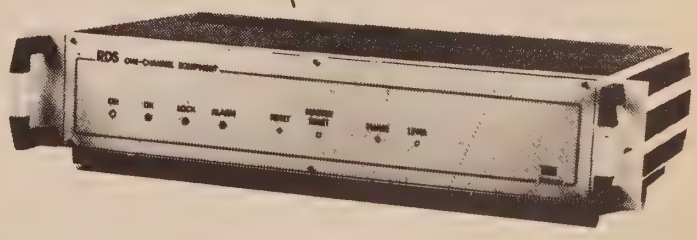
1. Studio equipment.
2. Distribution network and a central unit at each transmitter station.
3. Radio receivers with an RDS decoder.

The equipment has been in operation since January, 1983.

## The new method of transmitting additional information over a broadcasting network service





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the meeting it seemed that no agreement could be reached. It is most encouraging that a last minute agreement was formulated, so that this long Conference resulted in setting up proposals for the basis on which the second session will be able to prepare seasonal plans.

According to the decisions made, the planning of the HFBC services shall be based on four seasonal schedules to be prepared annually or semi-annually in accordance with the requirements submitted by the administrations. This planning shall be based on the principle of equal rights of all countries to equitable access, and the actual procedures shall be in accordance with the decisions taken by the Conference. The principles of such planning include the following points:

— treatment of all broadcasting requirements on an equitable basis, so as to enable each administration to provide a satisfactory service;
— the planning shall be flexible to take into account new requirements as well as modifications to existing ones;
— treatment of national and international broadcasts on an equal basis;
— planning shall be based on double-sideband transmissions; single-sideband emissions can be made provided that these do not cause increased interference;
— satisfaction, on an equal basis, of minimum requirements at the overall level of reliability as adopted by the Conference.

The planning method as proposed shall be the subject of trials by the IFRB prior to the planning session of the Conference in 1987. The procedure is laid down in the following steps, mainly involving computer programs to be established:

1. Creation of a file on the basis of requirements submitted by administrations over a period of 3 years.
2. Requirements for each individual season under consideration.
3. Propagation analysis and selection of the appropriate frequency band.
4. Rules to be applied in order to ensure maximum possible utilization of the bands taking into account also preferred frequency bands and constraints imposed by transmission facilities. Particular efforts relate to the establishment of rules for dealing with incompatible requirements where the computer system could not include these.
5. Selection of technical characteristics.
6. Compatibility analysis and frequency selection.
7. Analysis of reliability.
8. Analysis as to whether criteria and requirements are met.
9. Production of seasonal plans.
10. Adjustment process resulting from the application of steps 3 to 8.
11. The second session of the Conference shall study additional procedures for dealing with modifications to be made to the seasonal plan after its publication, the inclusion of additional requirements and cases where frequency assignments were not accepted by the users.

Should harmful interference be observed, the administration concerned shall have the right to request the prompt assistance of the IFRB, which shall help to restore that service to the level of reliability given in the plan. Any new frequency so proposed shall not adversely affect the seasonal plan in operation.

The Conference proposed a tentative agenda for the second session including:

— the adoption of procedures for the preparation and implementation of seasonal plans based on requirements submitted;
— the adoption of technical standards for future SSB operation and a time schedule for its introduction;
— the revision of the Radio Regulations in order to bring new provisions into force.

From the listeners' point of view, this first session of the Broadcasting Conference can be considered a successful step towards the future improvement of the existing situation. Unfortunately, there remain important points for which a satisfactory solution has not yet been found. Some of these are:

1. The results of the first session are in the nature of draft recommendations only, subject to adoption or revision by the second session. Will the policy remain the same after three years or will there be revisions to what was the result of endless discussions?
2. Who will finally produce the plan to be adopted? The IFRB has been charged to test the planning method proposed during the intersessional period. The definitive method will finally be adopted by the second session on the basis of requirements submitted by administrations. The seasonal plans will be drawn up by the ITU computer. Does that mean that, similarly to 1959, the IFRB is to produce a series of 15 seasonal plans (3 plans for each season of the year, and such a set for sunspot numbers *5*-valid for the range 0-14-, *30*- for 15-44-, *60*- for 45-74-, *90*- for 75-104-, and *120* for 105 and above) during the intersessional period? Shall the Conference then adopt that proposed plan, or shall a new plan be produced on the basis of requirements submitted, taking into account the reactions of administrations relative to these proposals?
3. The second session will be held at the time of the sunspot minimum. As administrations are presently free to use as many frequencies as they want, it can be assumed that the actual frequency usage at that time might be considered as the starting platform. Would the big users of the bands agree to reduce their requirements to a small percentage of the frequency-hours which they actually broadcast?
4. How can the possible rule be enforced to broadcast one and the same program on a single frequency within the appropriate band only? Shall it become mandatory to synchronize broadcasts intended for different regions, so that really one frequency only is used in the particular band? Will administrations broadcasting at the same time in various different languages have the right to one special frequency for each of these transmissions?
5. The Conference avoided officially declaring that important parts of the spectrum are so spoilt by intentional interference that ordinary broadcasting becomes impossible. Are those administrations on whose territories such intentional noise emissions are produced, willing to definitely and unconditionally cease them? Without such a guarantee, it will certainly be impossible to implement any reasonable plan.
6. Do the administrations concerned agree to reduce the excessive power of their facilities to a maximum agreed one, so avoiding the power race and allowing countries with limited installations to successfully speak to their listeners?

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# SOLAR ACTIVITY IN 1985

by Prof. Dr. M. Waldmeier

Solar activity is responsible for the structure of the ionosphere and therefore for the propagation of short waves. Solar activity undergoes a more or less regular variation over a period of about 11 years. The last minimum was observed in 1976, the last maximum near the end of 1979. The electron density of the ionosphere grows larger as the number of sunspots increases. At the same time the useful part of the shortwave spectrum is shifted toward shorter wavelengths. The running solar-cycle No. 21 is approaching its end in the next few years. The mean length of the sunspot-cycle is a little longer than 11 years and the last minimum occurred in the middle of 1976. Therefore the coming minimum is to be expected towards the end of 1987. The Wolf-number W is a measure of the number of sunspots and of the electron density in the ionosphere. For cycle No. 21 the Wolf-numbers are as follows:

| 1976 | 1977 | 1978 | 1979 | 1980 | 1981 | 1982 | 1983 | 1984 |
|---|---|---|---|---|---|---|---|---|
| 13 | 28 | 92 | 155 | 155 | 140 | 116 | 67 | (50) |

At the time of writing the present article (September 1984) the W-value for 1984 can only be estimated and therefore it is given in brackets.

The last spotless day after the minimum of 1976 was July 18,1977 and the first spotless day before the next minimum was November 22, 1983. The first spotless days occur approximately 3 years before the minimum. Again this indicates that the minimum will occur towards the end of 1987. It is even possible to make a reliable calculation of that date. The sunspot-curve is asymmetric, the rising time from minimum to maximum being shorter than the time from maximum to minimum. For strong cycles, as No. 21 was, the rising time amounts to 30% of the whole cycle. The date of the minimum was 1976.5, that of the maximum 1979.9, the rising time 3.4 years, from which one gets for the length of the whole cycle: 11.3 years. Therefore the next minimum is to be expected for 1987.7.

At the beginning of 1985 W will have dropped to about 39 and at the end of the year to about 19. Therefore the mean value of W for 1985 will be 29. Similar values have been observed in 1974 in the declining phase of cycle No. 20 and in 1977 in the ascending phase of cycle No. 21. Therefore in 1985 the conditions for shortwave propagation will be similar to those in 1974 and 1977. In 1985 the sun enters into the phase of low activity, which will persist through 1988. For shortwave propagation, that means very few and weak disturbances produced by solar activity.

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*continued from page 38.*

7. To what extent is the choice of frequency bands due to the frequency limitations of the mass of receivers in operation in developing countries, and of the skillfulness of uneducated people to tune their sets into the higher frequency bands to the intended national station?
8. The planned use of the broadcasting bands will require responsibility on the part of the transmitting authorities in respecting the frequency plan. Will the legal rights to the use of plan frequencies be comparable with those governing other radio services like for instance the fixed or aeronautical services?
9. In the absence of any remark relative to the timely introduction of the enlarged parts of the spectrum, the following questions arise:

9.1 The 1979 Conference decided to implement the enlargement of the bands 11 MHz and above on 1 July 1989, and of the 9 MHz band on 1 July 1994. It can therefore be expected that the planning exercise of the 1986 Conference will be limited to the bands at their present sizes. Is the convening of a 7-weeks conference justified, when 2 years later considerable additional spectrum space will be available?

9.2 To avoid such additional later conferences, will the second session of the Conference be given the power to establish plans only usable after several years, and can it be avoided that unauthorized use will be made by Administrations on whose behalf such future frequencies are included?

The important question today is whether the second session of the Conference will find itself in a position, considering the prevailing political circumstances, to elaborate technically sound plans accepted and followed by all administrations. We, the billions of broadcasting listeners, are the "clients" of the service, the basis of which the Conference hopefully will establish. Will the countries of the world finally arrange to use the broadcasting part of the spectrum as a universal resource accessible to all, or shall we have to wait until satellite broadcasting can generally be realized, with hundreds of millions of receivers available to all? Our best and most sincere wishes are expressed for successful work by the IFRB as well as for unselfish decisions at the 1987 Conference.

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## DEADLINES

**The standard deadlines for WRTH Newsletters are:**
**May issue: April 15th**
**September issue: August 15th**
**November issue: October 15th**
**The deadline for WRTH86 is October 15th 1985.**

**NB: These are final deadlines. We would appreciate your information as early as possible to make our job easier.**

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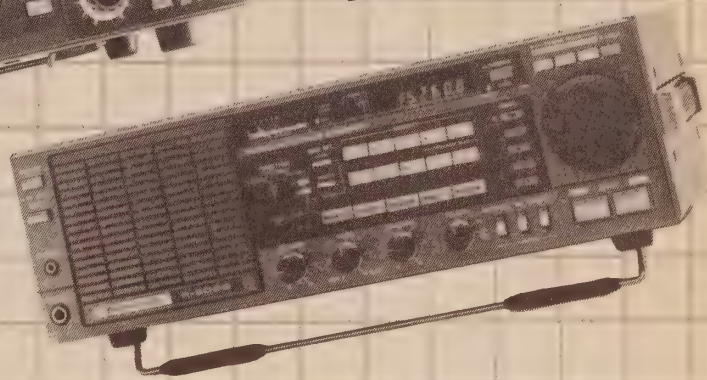

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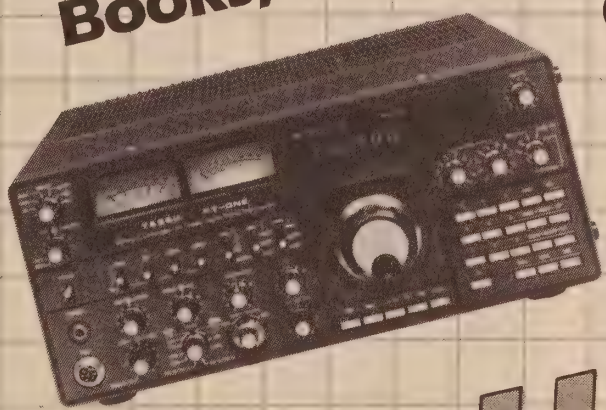

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# TECHNICAL INNOVATIONS AT RADIO NEDERLAND'S NEW TRANSMITTING STATION

by Jim Vastenhoud

During the past two years, engineers have built a marvellous compact shortwave transmitter station in the Netherlands. It's a station with some remarkable innovations, and that's why we'd like to tell you about it.

Holland is a crowded country. That is one of the reasons why the Dutch set out to reclaim the large inland Zuyder Sea, back in 1933. The latest area of new land, about 43,000 hectares, was surrounded by dikes in 1967 and fell dry the following year after three giant pumping stations had worked for 9 months. It is on this polder, where not a single obstacle obstructs your view from horizon to horizon, that the Dutch have built their new shortwave transmitting station.

**Transmitters**

The station is up-to-date in many ways. The location itself, away from aviation routes and migratory bird flight paths is in fact below sea level, and about 1 km away from the nearest 10,000 volts substation which supplies the power needed. The transmitters are of the 500 kW class, the power range in general use today, and a power necessary to ensure that in the highly competitive world of shortwave broadcasting a clear signal is received in the target area.

In order to boost the transmitter efficiency, the pulse duration modulation system — developed by Telefunken — is applied. This novelty increases transmitter efficiency, which is around 55% for anode-B modulation, to at least 66%, which means a considerable saving on the electricity bill. However, a substantial additional improvement can be achieved by adopting the so-called DAM, or dynamic amplitude modulation circuit. This device enables the carrier power of the transmitter to rise and fall in step with the modulation, maintaining the correct ratio between the two but falling below 500 kW when the modulation depth is below the maximum.

This energy-saving device is now also produced by other transmitter manufacturers. Its behavior on shortwave — especially on multi-hop paths — is still to be tested, but the investment seems worth the gamble.

**Feeder Lines**

The use of 50 ohms coaxial lines between the transmitters and the antennas is not new. In order to handle these large HF powers, the lines have a diameter of 25 cm. They fan out from the transmitter building in three directions, each set of six or seven cables lying side by side, to serve the antenna arrays. *See photograph 1.* Being extremely costly, they are held just above ground level by concrete supports, which are covered with metal grills to prevent damage by falling ice.

The application of these coaxial lines has some advantages: they are almost maintenance-free, and perfectly bird-safe. This condition is now more or less a requirement in this part of the world, where wildlife protection is coming of age. Also, the switching matrix, used to connect a transmitter to an antenna, can now be of the 50 ohm coaxial type, being much smaller than the 300 ohm balanced type.

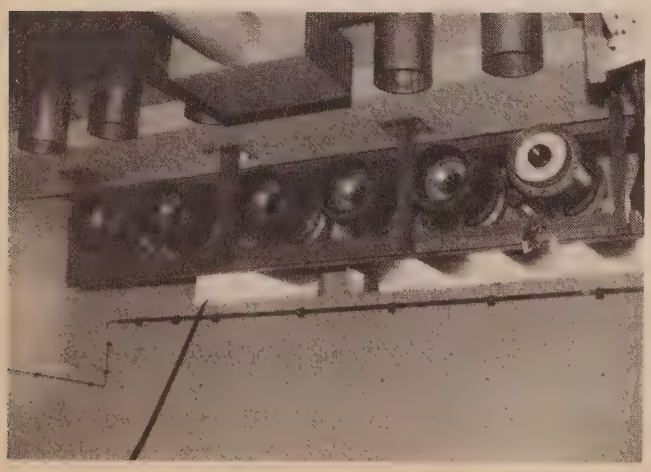
The transmitter building houses five transmitters, one of which is on standby. There are seventeen directional and three non-directional antennas to serve the various target areas around the world. The coaxial matrix, therefore, has 80 intersections ($4 \times 20$). Not all of them are equipped with coaxial switches, as it is considered acceptable that each antenna can be reached by three out of the four transmitters.

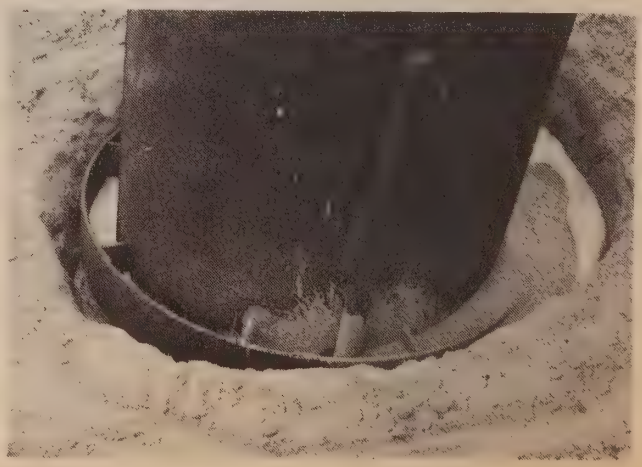
**Antennas**

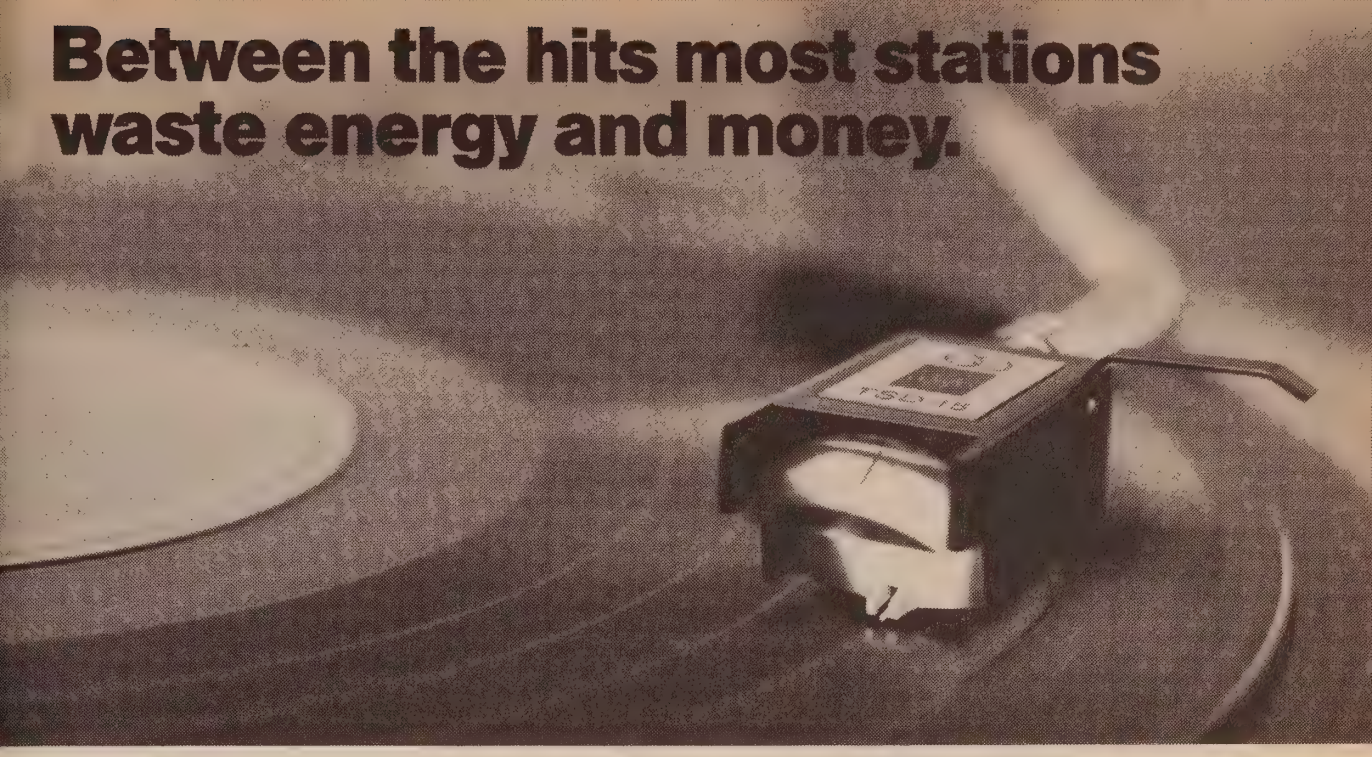
Since land is scarce in Holland, it was essential to use it economically. So, the number of antennas had to be limited. Also, an effort was made to reduce the width of each antenna by putting the supporting towers closer together and deviating from the standard catenary suspension method of the antenna network, by stretching each horizontal row of dipoles to cantilevers connected to the towers.

In order to withstand the mechanical loading produced by the antenna, as well as windload and icing, the antenna towers have to be extremely strong and well anchored. Usually this is done by putting large concrete blocks at each of the four feet of a tower. The Dutch, however, found a better way; they used friction instead of weight to anchor their antenna support towers. The "anchor" is a hollow steel tube, about one metre in diameter, driven into the soil at the same angle as each leg of the tower. Each tower rests on four such anchors.

*Photograph 2,* shows the tip of the tube, as it enters the soil. Since a steel tube is smooth it will not provide





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sufficient friction with the surrounding soil. To increase friction, a watery mortar is fed through two tubes, welded to opposite sides of the anchor. The mortar then mixes with the surrounding soil, forming a layer of varying thickness around the anchor tube, which — when hardened — results in a very secure grip that will withstand both push and pull from the wind pressure and the stresses exerted by the antenna. *Photograph 3* shows the connection of the tower to its anchor. For this, steel bolts about 2 metres long and 6.5 cm in diameter, cast in concrete are used.

Directional shortwave antennas are available in many configurations. A standard type for long-distance broadcasting (beyond 2500 km) consists of 16 horizontal dipole antennas, placed in four rows of four dipoles, with one half wavelength spacing between each, the lowest row (four dipole elements) being one wavelength above ground. This curtain array, which is basically bi-directional, is made uni-directional by creating a vertical reflecting "screen" — consisting of horizontally strung wires spaced less than one tenth of a wavelength apart, and put at one quarter wavelength from the radiating curtain. The main characteristics of this curtain array are: a horizontal beamwidth of about 30 degrees, and an elevation angle of about 7 degrees, putting the ionospheric reflection point at about 1500 km from the transmitter site.

If such a curtain array is constructed with end-fed dipoles, this so-called four-by-four antenna can be slewed (that is a change in beam direction in the horizontal plane) by about 10 degrees. Further slewing leads to excessive signal loss in unwanted directions. If, however, centre-fed folded dipoles are used, slewing can be applied to about 30 degrees (preferably in "steps" of 15 degrees) without excessive signal losses in unwanted directions.

Such "clean" antennas are attractive to the environment-minded Dutch, who realize that it is necessary to minimize interference by preventing radiation in unwanted directions as much as possible, if a good working order for the SW bands is to be obtained. For this reason, too, all antennas had their radiation diagrams determined by helicopters, equipped with measuring equipment and flying accurate circles around each antenna. The results of one such measurement are shown in *figure 4*.

In order to save land, all directional antennas are able to radiate a frequency range comprising three shortwave broadcasting bands (e.g. 15-17-21 MHz, 19 through 13 metres). These multiband antennas trade gain for bandwidth, but modern antenna technology leads to only a moderate loss in antenna gain, to about 19 dBi for the lowest of the three bands. Still, it was possible to employ only 17 directional antennas, many of them equipped with horizontal slewing options up to 30 degrees, to cover all points of the compass between northeast—via south — to northwest, and all available shortwave broadcasting bands as well.

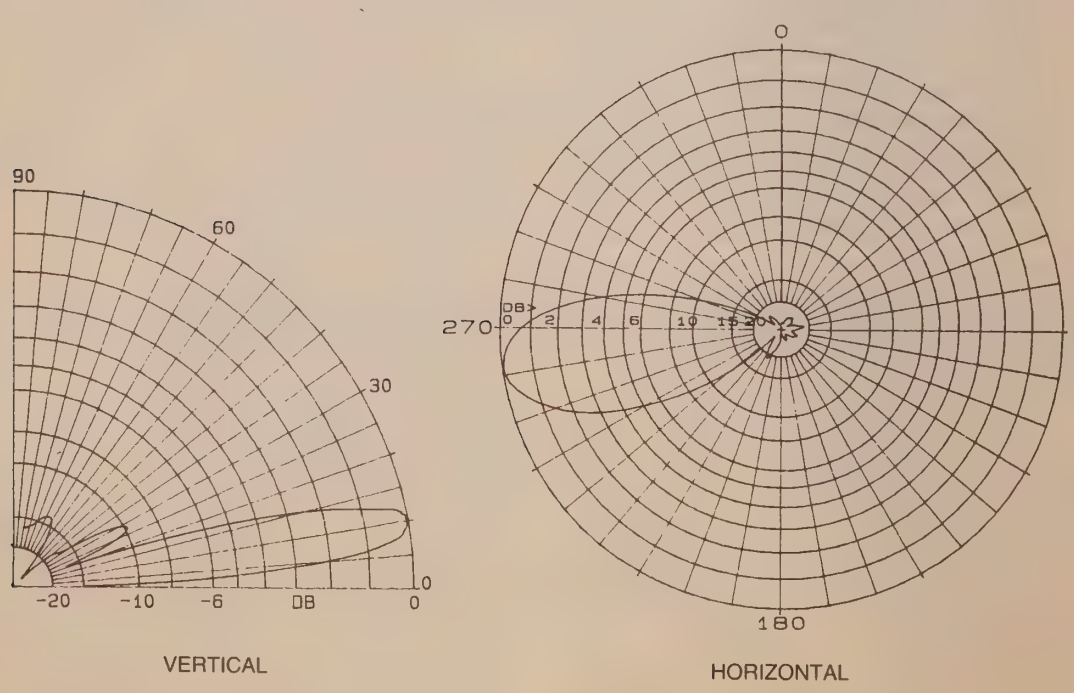


**Figure 4.** Measured radiation patterns for the lowest band of a 3-band curtain array (9-15 MHz). The azimuth of the antenna is 260 degrees.

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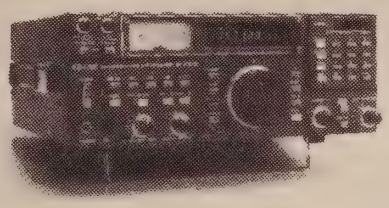

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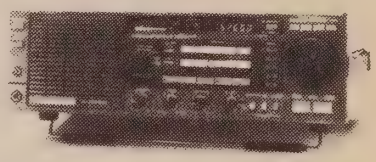

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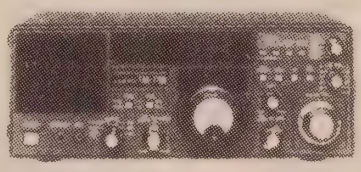

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**The Author:**
**Jim Vastenhoüd**

*Antennas for Radio Nederland's new "Flevo" transmitter station*

**Operation**

The job of a transmitting station operator is probably a boring one, since frequency and antenna switches have only to be made between programmes, and they usually last for some time. Since the reliability of transmitters has grown over the years, the engineers of the Dutch PTT*) (the Telecommunication Authority), who were responsible for erecting the station, were in favour of automating this function. The result is that two computers (one standby) remotely control many operational functions: on/off switching of transmitters, antenna selection, beam direction selection, transmission schedule timing, use of standby transmitter and antennas, and so forth. The transmission schedule, entered via a computer terminal at Radio Nederland, the sole user of the station, proceeds automatically.

Actual operation is monitored at various places, including the PTT transmitter monitoring and watch-centre, from which engineers can be dispatched to the — unattended — station when an alarm is sounded. In that case, the helicopter pad at the station can be used for swift action, to prevent programme interruptions once the spare transmitter — or spare antenna — has taken over. For, let us not forget that the purpose of the whole exercise is to reach you, the listener, with a signal so reliable that you are able to tune in each day with pleasure.

Radio Nederland's transmission schedule for the new site will become effective on the 31st of March 1985. They welcome your reactions.

*) In the Netherlands, all broadcast transmitters are the property of NOZEMA (Netherlands Broadcast Transmitter Authority) and are supervised and maintained by the Dutch PTT.

The project described above was executed by AEG Telefunken.

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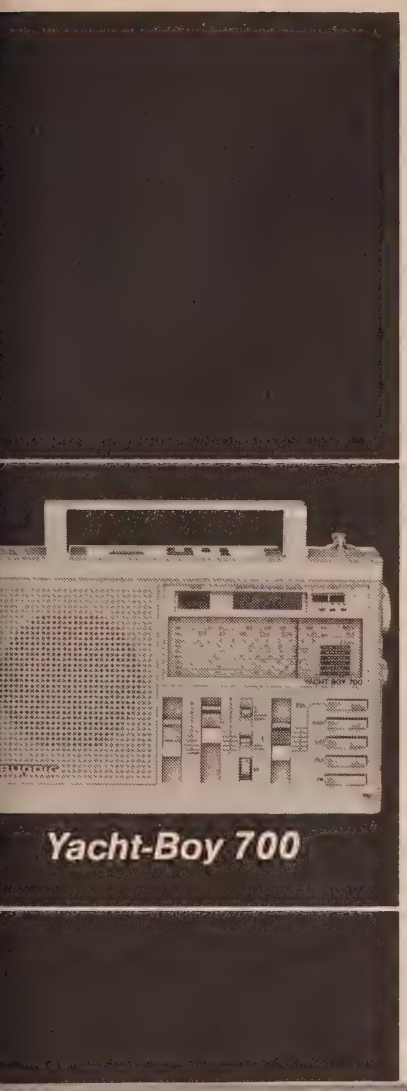


*It's well known that GRUNDIG world receivers enjoy worldwide popularity. Now comes* ***the latest miracle in radio reception for DXers: Satellit 600 Professional.*** *What will immediately catch the eye of the true DXer – one who tunes into the world professionally, that is – are these features: genuine double superhet on AM, gapless SW range without switching over from 1,6 to 26,1 MHz (187,5 to 11,5 m), LCD display and direct frequency input for all ranges. Plus 3-stage bandwidth switch-over, SSB/BFO unit for single sideband and unmodulated telegraphy transmitter reception etc.*

*So far, so good – indeed, excellent. What one does not perceive at first sight, though, are the special features which make the new Satellit live up to its name – make it a true worldwide receiver at the top of its class: the microprocessor-controlled PLL frequency synthesizer tuning for all ranges, the 60-programme memory facility, the programmable timer, the 15 W music output and the high convenience in operation. Perfect worldwide reception –* ***also in the handy "on-the-go" size: Yacht-Boy 700.*** *Though small in size, you'll be amazed by its great worldwide reception qualities: 6 SW bands ranging continuously from 1,6…26,1 kHz (120-11 m band); SSB/BFO unit, switchable 5-kHz-trap, AM bandwidth switch, electronic SW fine tuning and digital frequency display. And since all that's good mustn't necessarily be a long way off, the Yacht-Boy 700 will give you listening pleasure on ranges FM, LM and AM as well.*

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**GRUNDIG**

# INTERGOVERNMENTAL ORGANIZATIONS

## INTERNATIONAL TELECOMMUNICATION UNION

**ADDR:** Place des Nations. 1211 Geneva 20, Switzerland.
**Te:** 99 51 11. **Telex:** 421 000 UIT CH
**Secretary Gen:** Richard Butler. Vice Secr. Gen: Jean Jipquep
**International Frequency Registration Board (IFRB)**
1984 Chairman: Abderrazak Berrada. Vice-Chairman: G.C. Brooks.
**Members:** Abderrazak Berrada (Morocco), Y. Kurihara (Japan), P. Kurakov (USSR), G.C. Brooks (Canada), W.H. Bellchambers (UK).
Head Regulatory Dept: vacant. Head Engineering Dept: M. Harbi. Head Broadcasting Div: S. Tsukada.
**Intern. Tel. & Tel. Consultative Committee (CCITT):** Dir: Léon Burtz.
**Intern. Radio Consultative Committee (CCIR):** Director: Richard C. Kirby; Study Group 10 (broadcasting), Chairman: C. Terzani (Italy); Study Group 11 (television), Chairman: M. I. Krivosheev (USSR).

**Administrative Council: Americas:** Argentina, Brazil, Canada, Colombia, Mexico, Peru, USA, Venezuela. **We. Europe:** France, Germany (F.R.), Italy, Spain, Sweden, Switzerland, United Kingdom. **Ea. Europe & No. Asia:** German Democratic Rep., Romania, USSR, Yugoslavia. **Africa:** Algeria, Benin, Cameroon, Egypt, Ethiopia, Kenya, Morocco, Nigeria, Senegal, Tanzania, Zambia. **Asia & Australasia:** Australia, China (P.R.), India, Indonesia, Japan, Kuwait, Lebanon, Pakistan, Philippines, Saudi Arabia, Thailand.

**Membership:** 159 members at 15 Aug 1984: Afghanistan (Rep. of), Albania (Socialist People's Rep. of), Algeria (Algerian Dem. and Popular Rep.), Angola (People's Republic of), Argentine Rep., Australia, Austria, Bahamas (Commonwealth of the), Bahrain (State of), Bangladesh (People's Rep. of), Barbados, Belgium, Benin (People's Rep. of), Bolivia (Rep. of), Botswana (Rep. of), Brazil (Federative Rep. of), Bulgaria (People's Rep. of), Burkina Faso (Rep. of), Burma (Socialist Rep. of the Union of), Burundi (Rep. of), Byelorussian Soviet Socialist Rep, Cameroon (United Rep. of), Canada, Cape Verde (Republic of), Central African Rep, Chad (Rep. of the), Chile, China (People's Rep. of), Colombia (Rep. of), Comoros (State of the), Congo (People's Rep. of the), Costa Rica, Cuba, Cyprus (Rep. of), Czechoslovak Socialist Rep, Denmark, Djibouti (Rep.), Dominican Rep, Ecuador, Egypt (Arab Rep. of), El Salvador (Rep. of), Equatorial Guinea (Rep. of), Ethiopia, Fiji, Finland, France, Gabon Rep, Gambia (Rep. of the), Ghana, German Democratic Rep, Germany (Federal Rep. of), Greece, Grenada, Guatemala (Republic of), Guinea (Rep. of), Guinea-Bissau (Rep. of), Guyana, Haiti (Rep. of), Honduras (Rep. of), Hungarian People's Rep, Iceland, India (Rep. of), Indonesia (Rep. of), Iran, Iraq (Rep. of), Ireland, Israel (State of), Italy, Ivory Coast (Rep. of the), Jamaica, Japan, Jordan (Hashemite Kingdom of), Kenya (Rep. of), Khmer Rep., Korea (Rep. of), Korea (People's Dem. Rep. of), Kuwait (State of), Lao People's Dem. Rep., Lebanon, Lesotho (Kingdom of), Liberia (Rep. of), Libya (Socialist People's Libyan Arab Jamahiriya), Liechtenstein (Principality of), Luxembourg, Madagascar (Dem. Rep. of), Malawi, Malaysia, Maldives (Rep. of), Mali (Rep. of), Malta, Mauritania (Islamic Rep. of), Mauritius, Mexico, Monaco, Mongolian People's Rep, Morocco (Kingdom of), Mozambique (People's Rep. of), Namibia, Nauru (Rep. of), Nepal, Netherlands (Kingdom of the), New Zealand, Nicaragua, Niger (Rep. of the), Nigeria (Federal Rep. of), Norway, Oman (Sultanate of), Pakistan (Islamic Republic of), Panama (Rep. of), Papua New Guinea, Paraguay (Rep. of), Peru, Philippines (Rep. of the), Poland (Peoples Rep. of), Portugal, Qatar (State of), Roumania (Socialist Rep. of), Rwanda (Rep. of), St. Vincent & Grenadine, San Marino (Republic of), São Tome and Principe (Democratic Republic of), Saudi Arabia (Kingdom of), Senegal (Rep. of the), Sierra Leone, Singapore (Rep. of), Somali Democratic Rep., South Africa (Rep. of), Spain, Sri Lanka (Ceylon) (Rep. of), Sudan (Dem. Rep. of the), Surinam (Republic of), Swaziland (Kingdom of), Sweden, Switzerland (Confederation of), Syrian Arab Rep., Tanzania (United Rep. of), Thailand, Togolese Rep., Tonga (Kingdom of), Trinidad and Tobago, Tunisia, Turkey, Uganda (Rep. of), Ukrainian Soviet Socialist Rep, Union of Soviet Socialist Republics, United Arab Emirates, United Kingdom of Great Britain and Northern Ireland, United States of America, Uruguay (Oriental Rep. of), Vanuatu, Vatican City State, Venezuela (Rep. of), Viet-Nam, Yemen Arab Rep, Yemen (People's Dem. Rep. of), Yugoslavia (Socialist Federal Rep. of), Zaire (Rep. of), Zambia (Rep. of), Zimbabwe.

## ASIA-PACIFIC INSTITUTE FOR BROADCASTING DEVELOPMENT (AIBD)

**Secretariat:** Director and Secretary to Council: R. Balakrishnan;
**Address:** P.O. Box 1137 Pantai Bahru, Kuala Lumpur, Malaysia;
**Telex:** MA 30083; **Cable:** UNESBROAD KL; **Te:** 03-444618.

**Nature:** Intergovernmental organisation for broadcasting training and development serving countries of the UN Economic and Social Commission for Asia and the Pacific (ESCAP) region, operational since 1972 and formally established as an intergovernmental entity in 1977.

**Supreme Body:** Governing Council of 11 voting member countries plus UNDP, UNESCO, ITU, ABU, CFTC and other non-voting representative private or public funding agencies invited to attend annual meeting. Chairman: Datuk Abdullah Mohammed, Director-General, Radio Television Malaysia.

**Training Centre:** At Malaysian Government National Broadcasting Training Centre (IPTAR), Angkasapuri, Kuala Lumpur, Malaysia.

**Members:** Afganistan, Bangladesh, Fiji, India, Indonesia, Iran, Republic of Korea, Malaysia, Nepal, Pakistan, Papua New Guinea, Philippines, Samoa, Singapore, Sri Lanka, Thailand and Vietnam.

## UNITED NATIONS

**ADDR:** United Nations, New York, NY 10017, USA.
**L.P:** Secretary-General: Javier Pérez de Cuellar; Under-Sec-Gen. for Public Inf.: Y. Akashi; Dir. Radio and Visual Services Div: M. Martin; Prin. Officer: Y. El-Ayouty. Chief, Central Sce. Section: H. Galiana. Chief, Promotion & Distribution Unit: D. Brooke-Landis. Ag. Chief, Radio Sce: Y. El Ayouty. Dep. Chief, Radio Sce: U. Rana. Chief, Visual Sce: E. Valters. Dep. Chief, Visual Sce: P. Hollander. Chief, TV News Prod. Section: M. Bolotsky. Chief, Feature Prod. Section: J. O'Brien.
For the broadcasting schedule of United Nations Radio, please refer to United Nations (USA and Switzerland).

## UNESCO

(United Nations Educational, Scientific and Cultural Organization).
**ADDR:** 7 Place de Fontenoy, 75700 Paris, France. **Te:** (1) 568.10.10.
**L.P:** Dir. Gen: Amadou Mahtar M'Bow.
**OFFICE OF PUBLIC INFORMATION:** Ag. Dir: Dileep Padgaonkar.
**Audio-Visual Production Section:** Chief: Jon Sletbak. Production: English: Erin Faherty Mella; French: Luc Legris. Spanish: Eduardo Barrios. Russian: Vladislav Oudatchin. Film enquiries and distribution: Pierre Arbour.
**COMMUNICATION SECTOR:** Asst. Dir. Gen. (Ag):Antonio Pasquali.
**Division of Free Flow of Information and Communication Policies:** Dir: Hamdy Kandil.
**Division of Development of Communication Systems:** Dir: Frank Goodship.
**Division of Book Promotion and International Exchanges:** Dir: Mrs. Celia Zaher.
**International Programme for the Development of Communication:** Dir: Sarath Amunugama.

# telecommunication journal

**In the increasingly international age in which we live, it is more important than ever that everyone connected with radio should be in touch with authoritative world opinion on radio matters.**
**The Telecommunication Journal, the official organ of the International Telecommunication Union (ITU), serves just this purpose. Since 1869 (when it first appeared as the "Journal Télégraphique") it has faithfully covered all aspects of telecommunications which come within the purview of the world organisation (now a UN specialized agency) set up in 1865 to regulate them.**

The journal contains

- a news section covering the activities of the ITU, of its Member Administrations and of private operating companies and highlighting technical advances in radio throughout the world —
- a list of satellite launchings notified during the previous month —
- a section entitled "Ideas and Achievements" which covers the major developments of telecommunications in the various Member Administrations —
- articles by world experts, with emphasis recently on the latest developments in space communications and legal and regulatory aspects of telecommunications —
- a comprehensive list of articles of telecommunication interest appearing in the scientific press throughout the world —
- official ITU information, including lists of forthcoming ITU Conferences and other international telecommunication meetings —
- monthly sunspot predictions —
- section giving details of invitations to tender released by the various Member Administrations concerning telecommunication installations.

It is published monthly by the ITU in separate English, French and Spanish editions.

It costs 7.5 Swiss francs a copy. The annual subscription is 75 francs for one language edition, 150 francs for two and 225 francs for three.

**For further information and a specimen copy, write to: Telecommunication Journal, ITU, Place des Nations, 1211 Geneva, 20, Switzerland.**

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**ISLAMIC STATES BROADCASTING SERVICES ORGANIZATION (ISBO)**
(Intergovernmental Islamic Organization)
**ADDR:** P.O. Box 6351, Jeddah, Saudi Arabia.
**Telex:** 401442 ISBO SJ. **Te:** 6721121/6722269.
**Establishment:** Founded as an affiliate of the Islamic Conference Organization in 1975 in accordance with a resolution adopted by the Sixth Conference of Islamic Foreign Ministers.
**Membership:** Enjoyed by 45 Islamic states.
**Objectives:** a) Propagation of Islamic teaching — b) Protection of Islamic heritage — c) Strengthening fraternal relations among Muslim peoples — d) Promotion of Islamic solidarity — e) Defending Islamic causes — f) Furthering cooperative relations with regional and international information and cultural organizations.
**Means:** Production of radio and TV programmes — Exchange of programmes between broadcasting corporations of member states — Teaching Arabic language by audio-visual means — Training of personnel for broadcasting corporations in member states.
**Governing Bodies:**
**General Assembly:** Composed of all member states.
**Executive Council:** Composed of eleven members including the host state, Palestine and Representative of Islamic Conference Organization as permanent members.
**Chairman:** Dr. Foad Abdel-Salam Al-Farsi. (Host State).
**General Secretariat:** Responsible for implementation of resolutions adopted by the General Assembly and Executive Council and running the affairs of the Organisation.
**Secretary General:** Ahmad Farrag.
**International Relations:** Concluded cooperation agreements with UNESCO and ALECSO. Attends Islamic Summits, Islamic Foreign Ministers Conferences, meetings of Arab League and Arab Gulf Information Ministers and Committees.

**The World Radio TV Handbook is used daily by the International Broadcasting Stations and organisations, for worldwide contacts in the radio and television field.**


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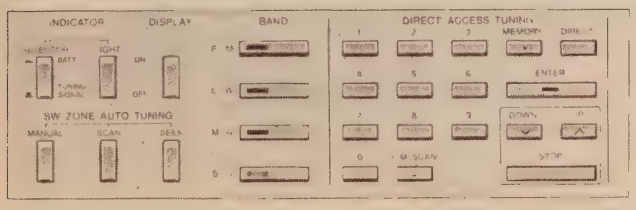


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# INTERNATIONAL BROADCASTING ORGANIZATIONS

**EUROPEAN BROADCASTING UNION (EBU)**
**UNION EUROPEENNE DE RADIODIFFUSION (UER)**
**(EUROVISION)**

**Headquarters:** Ancienne Route, 17A, Case Postale 193, CH-1211 Geneva 20, Switzerland. **Cables:** Uniradio, Geneva. **Te:** (022) 987766. **Telex:** 289193.

**Technical Centre:** 32, Av. Albert Lancaster, B-1180 Brussels, Belgium. **Cables:** Uniradio Brussels. **Te:** (2) 375 59 90. **Telex:** 21230, 21939. Receiving and Measuring Station: Jurbise, Belgium. Eurovision Control Centre: Brussels Belgium.

**Administrative Council:** President: A. Scharf (ARD, German. Fed. Rep). Vice-Presidents: G. Waters (RTE, Ireland), A. Zorzi (RAI, Italy). Administrators: Representatives of broadcasting organisations in Algeria (RTA), Cyprus (CyBC), France (TDF), German Fed. Rep. (ARD/ZDF), Ireland (RTE), Italy (RAI), Luxembourg (RTL), Morocco (RTM), Netherlands (NOS), Norway (NHK), Spain (RTVE), Sweden (SR), Switzerland (SSR), United Kingdom (BBC/UKIB), Yugoslavia (JRT).

**Secretary Gen:** Dr. R. de Kalbermatten — **Dir. of Television Programme Dept:** M. Vilcek — **Dir. of Radio Programme Dept:** A. M. Dean — **Dir. of Legal Affairs Dept:** Dr. M. Caze — **Dir. of Technical Centre:** R. Gressman.

**Active Members:** Broadcasting organisations in: Algeria (RTA), Austria (ORF), Belgium (RTB/BRT), Cyprus (CyBC), Denmark (DR), Egypt (ERTU), Finland (YLE), France (OFRT, E1T), German Fed. Rep (ARD,ZDF), Greece (ERT), Iceland (RUV), Ireland (RTE), Israel (IBA), Italy (RAI), Jordan (JTV), Lebanon (RL/TL), Libya (LJB), Luxembourg (RTL), Malta (MBA/BM), Monaco (RMC), Morocco (RTM), Netherlands (NOS), Norway (NRK), Portugal (RDP,RTP), Spain (RTVE,SER), Sweden (SR), Switzerland (SSR), Tunisia (RTT), Turkey (TRT), United Kingdom (BBC, UKIB), Vatican State (RV), Yugoslavia (JRT).

**Associate Members:** Broadcasting organisations in Australia (ABC,FACTS,SBSA), Bangladesh (BTV), Barbados (CaBC), Brazil (TVG), Canada (ATEC,CBC,CTV), Chile (UCCTV), Colombia (IRV), Congo (RTC), Djibouti (RTDj), Gabon (RTG), Ghana (GBC), Greenland (GR), Hong Kong (ATV, RTHK, HK-TVB), India (AIR), Indonesia (RRI/TVRI), Iran (IRIB), Iraq (IBTE), Ivory Coast (RTI), Jamaica (JBC), Japan (ANB, FTC, MBS, NACB, NHK, NTV, TBS), Kenya (VOK), Korea (KBS), Kuwait (KBTS), Malawi (MBC), Malaysia (RTVM), Mauritius (MaBC), Mexico (CMRT,TVA), New Zealand (BCNZ), Niger (ORTN), Nigeria (FRCN), Oman (ODGRT), Pakistan (PTV), Papua New Guinea (PNG), Peru (CPR), Qatar (QTBS), Saudi Arabia (SABTVS), Senegal (RTS), Sri Lanka (SLBC), Syria (ORTAS), Tanzania (RTD), United Arab Emirates (DCRTV, UAERTV), United States (ABC, CBS, CPB/PBS/NPR, NBC, USIA, WFMT), Venezuela (RCT/RCR, VV), Zaire (VZ), Zimbabwe (ZBC).

**PUBLICATIONS:** EBU Review—every month in English and French, published in two separate editions—Geneva (Programmes, Administration, Law) and Brussels (Technical)—Technical Documents—Technical Information Sheets—General, Legal and Technical Monographs—Lists of European Stations (long- and mediumwaves, VHF sound broadcasting, and television)—Reports of seminars and workshops for producers and directors of educational television and of programmes for children and young people.

**Purpose:** The EBU was founded on 12 February 1950 and is a professional association of broadcasting organizations whose activities include the world famous Eurovision news and programme exchanges. Its objectives are to promote cooperation among its members and with the broadcasting organizations of the entire world, and to represent the interests of its members in the programme, legal, technical and other fields. There are currently 102 members in 78 countries.

**Organisation:** Supreme authority is vested in the General Assembly composed of all Members. The Assembly elects a 15-man Administrative Council with executive powers.

The activities of the EBU are channelled through the Television Programme Committee, the Radio Programme Committee, the Legal Committee and the Technical Committee, with their Working Parties, Sub-Groups and ad hoc Groups. The Committees, although independent of each other, work closely together on all matters of common interest. The EBU has, in addition, a permanent staff of some 220 people,, including administrative, legal and technical officials.

**INTERNATIONAL RADIO AND TELEVISION ORGANISATION (OIRT)**

**Addr:** Skokanská 1, 169 56 Praha 6, Czechoslovakia.

**Cable:** Inferadif. **Te:** 342004. **Telex:** 122444

**Nature:** International Organisation dealing with practical and theoretical questions connected with broadcasting and television prgrs. and technique and cooperation between broadcasting and television organisations.

**Governing Body:** General Assembly consisting of one representative for each active member.

**Administrative Council:** Consisting of 7 to 13 members.

**Members:** People's Republic of Bulgaria, Republic of Cuba, Finland, GDR, Hungarian People's Rep., Peoples Dem. Rep. of Korea, Mongolian People's Rep., Polish People's Rep., Socialist Republic of Romania, Ukrainian SSR, Socialist Republic of Vietnam and permanent members Czechoslovak Soc. Rep. and USSR.

**OIRT-Members:** Radio and Television Organisations of: Afghanistan, Algeria, Byelorussian SSR, People's Rep. of Bulgaria, Rep. of Cuba, Czechoslovak Socialist Rep., Arab Republic of Egypt, Estonian SSR, Finland, German Democratic Rep., People's Rep. of Hungary, Iraq, People's Dem. Rep. of Kampuchea, People's Dem. Rep. of Korea, People's Dem. Rep. of Laos, Latvian SSR, Lithuanian SSR, Rep. of Mali, Moldavian SSR, People's Rep. of Mongolia, Nicaragua, People's Rep. of Poland, Socialist Rep. of Romania, Sudan (Television), Ukrainian SSR, Union of Soviet Socialist Rep., Socialist Rep. of Vietnam, People's Dem. Rep. of Yemen.

**Associate Members:** TV Asahi (Japan), NHK (Japan).

**Publications:** Review of the International Radio and Television Organisation (OIRT), "Radio-Television" in English-French, Russian and German, issued every two months; Monthly OIRT Information.

**Meetings:** General Assembly every two years and Administrative Council once a year.

**Relations:** With all important organisations active in the field of radio and television.

**ASIA-PACIFIC BROADCASTING UNION**

**Headquarters:** NHK Broadcasting Centre, 2-2-1 Jinnan, Shibuyaku, Tokyo, Japan. **Telex:** J22377, J24338 Tokyo (RADIONHK). **Cable:** ABUNI, TOKYO.

**Sec.-General's Office and Technical Centre:** P.O. Box 1164, Pejabat Pos, Jalan Pantai Bharu, Kuala Lumpur 22-07, Malaysia. **Telex:** MA 32227 (ABU) Kuala Lumpur. **Cable:** ASBUN KUALALUMPUR.

**President:** Dato' Abdullah Mohammad, Dir-Gen, Radio Television Malaysia.

**Vice-Presidents:** Hugh Leonard, Dir-Gen, Fiji Broadcasting Commission; Masato Kawahara, Pres, NHK Japan.

**Secretary General:** Mr. Roku Ito. **Administrative Council:** Australian Broadcasting Corporation, Radio and Television of the People's Republic of China, Fiji Broadcasting Commission, Television Broadcasts Ltd. Hong Kong, Hong Kong Commercial Broadcasting Co. Ltd., Radio Republik Indonesia/Televisi Republik Indonesia, Nippon Hoso Kyokai (Japan), Korean Broadcasting System, Radio Television Malaysia, Philippine Broadc. Sce/Maharlika Broadc. System, National Broadcasting Sces. of Thailand.

**Full Members:** Radio-Television of Afghanistan, Australian Broadcasting Corporation, Special Broadcasting Sce. (Australia), National Broadcasting Authority of Bangladesh, Radio and Television of the People's Republic of China, Egyptian Radio and Television Union, Fiji Broadcasting Comm, All India Radio, Doordarshan (India), Radio Republik Indonesia/Televisi Republik Indonesia, Islamic Republic of Iran Broadcasting, Iraqi Broadcasting and Television Establishment, Nippon Hoso Kyokai (Japan), Jordan Television Corp/Hashemite Broadcasting Sce, Korean Broadcasting System, Lao National Radio, Radio Television Malaysia, Radio Nepal, Broadcasting Corp. of New Zealand, Pakistan Broadcasting Corp, National Broadcasting Commission of Papua New Guin-

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# EBU REVIEW

Published in English and French by the European Broadcasting Union

**The Brussels edition (Technical)** will keep you informed of all new technical developments in sound and television broadcasting.

—Articles written by specialists describe typical new installations, new operational methods and research work undertaken by the broadcasting organizations.

—The "International News" section is devoted to news items reported by EBU Members concerning the installation and operation of transmitting stations and studio centres, recording equipment and outside broadcasting facilities, both for sound and for television.

—Each number gives a summary of the changes that have taken place during the previous two months in the spectra of the long, medium and metric (FM) sound broadcasting wavebands and of the television wavebands.

**The Geneva edition (Programmes, Administration, Law)** brings you authoritative reports on radio and television developments throughout the world.

—Specialists write on the latest trends in production, programming, and administration.

—Activities are reported from the international sphere, and from broadcasting organizations in nearly 80 countries.

—Experts analyse legislation and jurisprudence touching on broadcasting, international conventions, etc.

—Special numbers give in-depth coverage of key subjects, including satellite broadcasting; television news exchange; colour television; youth news, educational, wildlife, sport, religious, and agricultural programming; Eurovision developments; graphics and design.

## ANNUAL SUBSCRIPTION

Brussels edition (six numbers): 1200 Belgian francs. Publishers: EBU Technical Centre, 32 Avenue Albert Lancaster, B-1180 Brussels, Belgium.

Geneva edition (six numbers): 45 Swiss francs. Publishers: EBU, case postale 193, CH-1211 Geneva 20, Switzerland.

A combined subscription to both editions (12 numbers) may be ordered from the EBU, Geneva (price 86 Swiss francs).

### ADVERTISING IN THE EBU REVIEW

The **EBU Review** constitutes an extremely effective advertising medium for firms in the radiocommunication and associated industries.

A **combined insertion** in the Brussels and Geneva editions is available for 30,000 Belgian francs (English and French versions).
Orders should be addressed to the EBU Technical Centre, Brussels.

ea, Philippine Broadcasting Sce/Maharlika Broadcasting System, Nat. Radio & TV Sce. of Qatar, Samoa Broadcasting Sce, Saudi Arabian Radio and Television, Singapore Broadcasting Corp, Solomon Islands Broadcasting Corp, Sri Lanka Broadcasting Corp, Sri Lanka Rupavahini Corp, National Broadcasting Sces of Thailand, TV Pool of Thailand, Turkish Radio & Television Corp, Viet Nam Radio and Television.
**Additional Full Members:** Seven Network Pty. Ltd. (Australia), TCN-Channel Nine Pty, Ltd. (Australia), United Telecasters Sydney Ltd. (Australia), Asia Television Ltd. Hong Kong, Hong Kong Comm. Broadc. Co. Ltd, Radio-Television Hong Kong, Television Broadcasts Ltd. Hong Kong, Mūnhwa TV-Radio Broadcasting, Republic of Korea, Teledifusão de Macau, Kanlaon Broadcasting System, The Philippines.
**Associate Members:** Radio Television Brunei, Canadian Broadcasting Corp, CTV Television Network Ltd (Canada), Radio Telefis Eireann Eire, Organismes Français de Radio et de Télévision, Arbeitsgemeinschaft der offentlichrechtlichen Rundfunkanstalten der Bundesrepublik Deutschland Federal Republic of Germany, Zweites Deutches Fernsehen Federal Republic of Germany, National Association of Commercial Broadcasters in Japan, Jugoslovenska Radiotelevizija Yugoslavia, Radio Kiribati, Mauritius Broadcasting Corp., Federated States of Micronesia Broadc. Sces, Radio Nederland, Federal Radio Corporation of Nigeria, Mindanao Broadcasting Network The Philippines, Swedish Broadcasting Corp., Swiss Broadcasting Corp., British Broadcasting Corp., Independent Broadcasting Authority and Independent Television Companies Assoc. Ltd. United Kingdom, American Broadcasting Companies Inc., Columbia Broadcasting System, Inc., National Association of Broadcasters U.S.A., Voice of America, National Broadcasting Company, Inc.
**Publications:** ABU Newsletter (bi-monthly), ABU Technical Review (bi-monthly). Both in English.

**UNION OF NATIONAL RADIO AND TELEVISION ORGANISATIONS OF AFRICA (URTNA)**
**L.P.** Secretary General: François Itoua.
**Permanent Services:**
**General Secretariat:** 101 Rue Carnot, B.P. 3237 Dakar, Senegal. **Te:** 215970. **Telex:** 650 Dakar.
**Technical Centre:** B.P. 39, Bamako, Mali. **Te:** 22593. **Cable:** URTNA Bamako. **Telex:** 505.
**L.P:** Lo Medoune.
**Programme Exchange Centre:** P.O. Box 50518, Nairobi, Kenya. **Te:** 333415. **Telex:** 22675 Nairobi.
**L.P:** Kassaye Demena.
**Inter-African Centre for Rural Radio Studies (CIERRO):** B.P. 385, Ouagadougou, Upper Volta. **Te:** 33483 **Telex:** CIERRO 5349 UV.
**Aims:** URTNA has no commercial aim. Its objectives among others are:
a) to promote, maintain and develop cooperation among its members;
b) to support in every domain the interests of radio and television organisations which have accepted its statutes and to establish relations with other such organisations;
c) to promote and coordinate the study of all matters relating to radio and television and to ensure the exchange of information on all questions of general interest;
d) to use its best endeavours to ensure that all its members honour the provisions of international and inter-African agreements in all matters relating to radio and television;
e) to coordinate and collaborate closely with member organisations in the coverage of national and international events.
**Governing Bodies:** President, 1st Vice-President, 2nd Vice-President, Legal Adviser. The President and Vice-Presidents constitute the Bureau of the Union.
**Administrative Council:** Constituted by 15 active Member Organisations. The Administrative Council is the policy making body responsible to the General Assembly.
**Specialized Commissions:**
1) **Administrative and Legal Commission:** Constituted by 7 active Member Organisations.
2) **Technical Commission:** Constituted by 7 active Member Organisations.
3) **Programme Exchange and Cultural Affairs Commission:** Constituted by 7 active Member Organisations.
**Active Members:** Algeria (RTA), Angola (TPA), Benin (ORTB), Botswana (RB), Cameroon (RDC), Cape Verde (RNC), Chad (RTN), Central African Rep. (RTC), Comoro, Congo, Djibouti (RTD), Egypt (ERTF), Ethiopia (ETS), Gabon (RTG), Gambia (RG), Ghana (GBC), Guinea (RTG), Guinea-Bissau, Ivory Coast (RTI), Kenya (VOK), Liberia (LBS), Libya (LJB), Madagascar (RTM), Malawi (MBC), Mali (RNM), Mauritania (OMR), Mauritius (MBC), Morocco (RTM), Niger (ORTN), Nigeria (FRCN/NTA), Senegal (ORTS), Seychelles (RTS), Sierra Leone (SLBS), Somalia (SBS), Sudan (STS/SBS), Tanzania (RTD), Togo (RTNM), Tunisia (RTT), Uganda (RU/UTV), Upper Volta (RTV), Zaire (RTZ), Zambia (ZBS), Zimbabwe (ZBC).
**Associate Members:** Belgium (BRT/RTBF), Germany-FR (ARD/ZDF), France (OFRT), Holland (RN), Ireland (RTE), PLO, Portugal (RDP), Switzerland (SSR), Yugoslavia (JRT).

All active and Associate Members constitute the General Assembly—the Supreme Body of the Union.
**Publications:** "URTNA Review" bi-annual/bi-lingual (English/French); studies, reports etc.

**ARAB STATES BROADCASTING UNION (ASBU)**
**Nature:** Intergovernmental union within the framework of the League of Arab States comprising the Arab Radio and TV organisations (established February 1969).
**Supreme Body:** General Assembly, meeting in ordinary sessions once a year. The Presidency of the Gen. Ass. held in rotation among the full members according to the alphabetical order of the names of the member States. The term of office: one year. The Vice-Presidency held by the member who shall assume the Presidency at the next session.
**Administrative Council:** Pres. + Vice Pres. + one full member according to the alphabetical order of the names of the member States.
**General Secretariat:** 22a Taha Hussein St, Zamalek, Cairo, Egypt. **Cable:** Asbunion, Cairo. **Te:** 805825 **Telex:** 347-ASBUUN
**Secretary Gen:** Salah Abdel Kader.
**Technical Centre:** P.O. Box 2231, Khartoum, Sudan. Dir: Dr. Ahmed Youssef.
**Training Centre:** P.O. Box 6333, Damascus, Syria. Dir: Kheidr El Sha'ar.
**Audience Research Centre:** Iraqi Establishment for Radio and TV, Baghdad, Iraq.

**NORTH AMERICAN NATIONAL BROADCASTERS ASSOCIATION (NANBA)**
**Secretariat:** Secr. Gen: Spencer Moore. **Addr:** P.O. Box 8478, Ottawa, Ontario, K1G 3J5, Canada **Te:** (613) 731-3111. **Telex:** 053-4260.
**Nature:** The Association is concerned with providing a framework for the identification, study and solution of international problems affecting broadcasters, and to gain an effective voice along with other international broadcasters, unions and associations in international circles.
**Organization:** The organization consists of an Executive Council; Chmn: Gene Mater (CBS-USA); Vice Chmn: Margaret Lyons (CBC-Canada); Larry Loeb (ABC-USA); Five committees: News, Technical, Legal, Sports, Radio News & Current Affairs.
**Members:** American Broadcasting Company, CBS Inc, CTV Television Network Ltd, Canadian Broadcasting Corporation, Corporation for Public Broadcasting, National Public Radio, Public Broadcasting Sce, National Broadcasting Company, Inc.
**Meetings:** The Executive Council meets at least three times a year. The annual meeting is held in January.
**Relations:** With organizations active in the field of broadcasting.

**CARIBBEAN BROADCASTING UNION (CBU)**
The CBU is an association of National Broadcasting Systems of the Commonwealth, Caribbean and other Regional States formed for the purpose of promoting and facilitating interchange between member countries through the medium of Broadcasting.
**Secretariat:** Wanderers Gap, Dayrells Rd, Christ Church, Barbados. **Te:** (809) 429-9416. **Cable:** CARICAST.
**Secr. Gen:** Michael Rudder.
**Members:** Antigua and Barbuda Broadcasting Service, ZDK, Antigua, Broadcasting Corporation of the Bahamas, ZBM-ZFB Radio & Television (Bermuda), Caribbean Broadcasting Corporation (B'dos), Barbados Rediffusion Sce Ltd, Radio Belize, Dominica Broadc. Corp, Radio Grenada, Guyana Broadcasting Corp, Jamaica Broadcasting Corporation, R. Jamaica Ltd, Radio Montserrat, Radio Antilles, Radio St. Lucia, Radio St. Kitts (ZIZ), National Broadcasting Service of Trinidad and Tobago, Netherlands An-

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The ABU Technical Review is a bi-monthly journal of the Asia-Pacific Broadcasting Union, published in English in Kuala Lumpur, Malaysia. The ABU comprises the large majority of radio and television broadcasting organisations in the Asia and Pacific regions: and, as associate members, all the principal broadcasters of Europe and North America.

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tilles Television Service, Surinam Television Service, Radio St. Vincent, Trinidad and Tobago TV Company and Radio Trinidad, Radio Turks and Caicos.
**Associate Members:** Caribbean Institute of Mass Communications, Canadian Broadc. Corp.

**ASOCIACION INTERAMERICANA DE RADIODIFUSIÓN (AIR)**
**Inter-American Association of Broadcasters (IAAB)**
**Addr:** Central Office: Calle Yi 1264, Montevideo, Uruguay. **Te:** 98-5408. **Cable:** AIRADIO. **Telex:** AIR UY 843, Montevideo.
**L.P:** Pres: Dr. Luiz Eduardo Bogerth (Brazil). Dir. Gen: Dr. Luis Alberto Solé (Uruguay). 1st Vice Pres: Dr. Oscar María Garibaldi (Argentina). 2nd Vice Pres: Mr. Markham Bench (U.S.A). Secr: Mr. Fernando Eleta Casanova (Panama). Treasurer: Mr. Genaro Delgado Parker (Perú).
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**COMMONWEALTH BROADCASTING ASSOCIATION**
**Secretariat Address:** Broadcasting House, London W1A 1AA. **Te:** 01-580-4468, ext. 5022. **Cables:** Combroad London. **Telex:** 265781. **Secretary Gen:** Alva Clarke.
**Members:** Antigua Broadcasting Service, Australian Broadcasting Corporation, Broadcasting Corporation of the Bahamas, Bangladesh National Broadcasting Authority, Caribbean Broadcasting Corporation (Barbados), Radio Belize, Radio Botswana, British Broadcasting Corporation, Radio Television Brunei, Canadian Broadcasting Corporation, Radio Cayman, Cyprus Broadcasting Corporation, Dominica Broadcasting Corporation, Fiji Broadcasting Commission, Radio Gambia, Ghana Broadcasting Corporation, Gibraltar Broadcasting Corporation, Radio Grenada, Guyana Broadcasting Corporation, Radio Television Hong Kong, All India Radio, Doordarshan (India Television), Jamaica Broadcasting Corporation, Voice of Kenya, Radio Kiribati, Lesotho National Broadcasting Service, Malawi Broadcasting Corporation, Radio Television Malaysia, Malta Broadcasting Authority, Mauritius Broadcasting Corporation, Broadcasting Corporation of New Zealand, Federal Radio Corporation of Nigeria, Nigerian Television Authority, Papua New Guinea National Broadcasting Commission, Radio and Television ZIZ (St. Kitts-Nevis), St. Lucia Broadcasting Corporation, Radio St. Vincent, Radio Television Seychelles, Sierra Leone Broadcasting Service, Singapore Broadcasting Corporation, Solomon Islands Broadcasting Corporation, Sri Lanka Broadcasting Corporation (Radio), Sri Lanka Rupavahini Corporation (Television), Swaziland Broadcasting Service, Radio Tanzania - Dar es Salaam, Tonga Broadcasting Commission, Trinidad and Tobago National Broadcasting Service (Radio), Trinidad and Tobago Television, Radio Turks and Caicos, Radio Tuvalu, Radio Uganda and Uganda Television, Western Samoa Broadcasting Service, Zambia Broadcasting Services, Zimbabwe Broadcasting Corporation.

The CBA was established in London in February 1945 and is an association of the national public service broadcasting organisations in 50 Commonwealth countries pledged to work for the professional improvement of broadcasting in member organisations through collective study and mutual assistance. There is a great deal of practical co-operation among member organisations of the CBA, which are drawn from all the continents of the world.

General Conferences of the Association are held every two years to discuss and exchange ideas, information and experience on all aspects of radio and television broadcasting—in programming, administration and engineering. The last General Conference was in Hong Kong in 1984, and the next will be held in Britain in 1986.

In between General Conferences, regional meetings are held in the main regions of the Association—e.g. the Caribbean, East, Central and Southern Africa, West Africa, Pacific—as part of the Association's policy of encouraging more effective co-operation among members in its main regions.

The Secretariat publishes a quarterly magazine COMBROAD, which has a wide international circulation.

**INTERNATIONAL INSTITUTE OF COMMUNICATIONS**
**Headquarters:** Tavistock House East, Tavistock Square, London, WC1H 9LG. **Te:** (01) 388 0671. **Cable:** Widecast London. **Telex:** 24578 IICLDN G
**Officers:** Honorary Pres: Yoshinori Maeda (Japan). Pres: Jean d'Arcy, (France). Vice-Presidents: James Kangwana (Kenya), Alfred Stern (USA). Chmn. Executive Committee: Thomas P. Hardiman (Ireland). Treasurer: Brian Quinn (UK). Chmn. Research and Projects Prgr: Asa Briggs (UK). Exec. Dir: William O'Neill Sweeney.
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**Advisory Council:** Abderrazak Berrada (Morocco), Edward W. Ploman (Sweden), Olof Rydbeck (Sweden), Jerome B. Wiesner (USA).
**Planning Committee:** Henri Pigeat (France)
The IIC provides an international, cross-disciplinary forum for the independent analysis of the social, economic, political, cultural, and legal issues related to communications, particularly electronic communications. It carries out research projects and consultancy, holds conferences and seminars, and publishes books and a regular bi-monthly journal "Inter Media". In this way it assists governments, industry and the public to formulate the necessary policies for handling the new information devices, systems and services. Current major activities include a survey of the international flow of information; a series of case-studies on national broadcasting systems; a series of activities linked to the ITU's World Administrative Radio Conference of 1979, and communications and law. Details of IIC activities and publications of the three categories of membership (individual, corporate and institutional) are available from the IIC Office.

**INTERNATIONAL MASS MEDIA INSTITUTE**
(IMMI) (Established Kristiansand 1976)
**Addr:** P.O. Box 650, N-4601 Kristiansand S, Norway. **Te:** 042-24848 **Telex:** 21281 PANEL N.
**L.P:** Dir: Knud Jørgensen. Training: Kaare Melhus.
IMMI is a non profit agency supported by 22 Scandinavian churches and church agencies.
**Media consultancy:** On request IMMI advises churches and organizations on the design and implementation of communication activities and projects.
**Media education:** IMMI trains people for radio and TV programming and engages in media-awareness training.
**Communication research:** Research and publications especially in the areas of ethical issues in the media affecting individual people, homes and groups.

**The World Radio TV Handbook is the *only* international guide to radio and television broadcasting which is designed to serve both the professional and the consumer. The enduring support of the worldwide broadcasting community for almost 40 years is proof that the WRTH fills a real need — which we are proud to do.**

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*the quarterly journal of the*

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- The countries of the Commonwealth in Europe, Asia, Africa, North and South America, the Pacific, Australasia and the Caribbean give a high priority to the development of their broadcasting services, recognising that in addition to raising educational standards, improving techniques and generally enhancing living standards, broadcasting also stimulates an awareness of national and international problems and achievements and brings fresh experience to large numbers of people.

- COMBROAD is the journal which reflects developments in all fields of broadcasting – administration, programme production, engineering and training – informing the Commonwealth and the world of what is going on in the field of ideas, achievements and equipment.

- The authors of articles appearing in COMBROAD are all specialists in their respective fields, who write with the authority of experts and are regarded as such not only in broadcasting organisations in the Commonwealth but throughout the world.

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**CBA Secretariat, Broadcasting House, London W1A 1AA, U.K.**
**Telephone:** *01-580-4468 Ext: 5022* **Telex:** *265781*

# RELIGIOUS BROADCASTING ORGANIZATIONS

**WORLD ASSOCIATION FOR CHRISTIAN COMMUNICATION (WACC)**
A fellowship of organizations and individuals committed to Christian communication and media development. WACC has 300 corporate members and over 400 personal members in more than 60 countries. Members include Protestant, Catholic and Orthodox churches and organizations as well as secular communications organizations.
Activities centre in seven regional associations: Africa, Asia, Europe, Latin America-Caribbean, Middle East, North America and Pacific.
**Programme Emphasis:** Funding of nearly 150 media projects through a 1985 statement of needs of more than US $3.25 million; consultancy and evaluation; communication education; research; exchange of information; coordination and cooperation with other international and regional organizations in studies, conferences and events.
**Publications:** ACTION newsletter (10 times a year); Media Development (quarterly); occasional conference and research reports.
**International Office:** 122 King's Road, London SW3 4TR, England. **Te:** (01) 589-1484. **Cable:** WACC, London SW3. **Telex:** 8812669WACC G.
**Gen. Secr:** Dr. Hans W. Florin. Officers: Pres: Dr. William F. Fore, USA; Secr: Mrs. Elvira Romera de Arcaute, Argentina; Treasurer: Ian McNeil, U.K.

**LUTHERAN WORLD FEDERATION DEPARTMENT OF COMMUNICATION**
The specialised unit of the Lutheran World Federation and its member churches, active in religious, information and educational radio and television, as well as other media, through its Geneva based information services and through consultative services rendered in many parts of the world.
Cocperating with the World Association for Christian Communication, the World Council of Churches and the Lutheran Hour.
**Head Office:** 150 route de Ferney, CH-1211 Geneva 20, Switzerland. Chairperson of the Commission: Mrs. Ruth Abraham, Ethiopia. Dir: Mr. Norman A. Hjelm, USA. Secretaries for Consultative Services. Dr. Menkir Esayas and Mr. Conny Sjöberg.

## ROMAN CATHOLIC

**Pontifical Commission for Social Communications.**
**ADDR:** Palazzo S. Carlo, Vatican City State. Pres: Archbishop John P. Foley. Secr: The Very Rev. Romeo Panciroli. Under Secr: The Rev. Karlheinz Hoffmann. Tech. Consultant: The Rev. Antonio Stefanizzi.

**UNDA: Association Catholique Internationale pour la Radio et la Television.**
(International Catholic Association for Radio and Television).
**UNDA General Secretariate,** 12, Rue de l'Orme, B-1040 Brussels (Belgium). **Te:** (2) 734.63.61. **Cable:** Undabrussels. **Telex:** 21275 CIPINF B UNDA.
**Secretary General:** Colm Murphy.

**General Aims:**
1) To ensure, as far as possible, a truly human and Christian spirit in all activities of the media (radio, television and audiovisual).
2) To help achieve the most effective kind of religious broadcasting.
3) To promote media training and media education programmes.

**Objectives:**
1) To provide the meeting point and a coordination centre for the apostolic and professional activities of Catholics in radio, television and other audiovisual means of communication for the purpose of the evangelization and the development of men.
2) To promote collaboration between its members, both organizations and individual persons, at the national, continental and world levels, by means of study days, conferences, publications, exchange of information, documentation and programmes.
3) To represent the interests of its members internationally; to be in contact with other organizations, official or voluntary, pursuing the same aims.
4) To engage, within its own field of activity, in bringing help to the Third World by means of training personnel, the organization and coordination of material aid.
5) To promote research in all relevant matters pertaining to radio, television and other audiovisual means of communication.
6) To collaborate with the International Catholic Organizations (I.C.O).
7) To collaborate with non-Catholic organizations pursuing similar objectives.

**Members: National Associations**
**Africa:** Benin, Botswana, Burundi, Cameroun, Central African Republic, Chad, Comores, Congo, Djibouti, Egypt, Ethiopia, Gabon, Gambia, Ghana, Ivory Coast, Kenya, La Reunion, Lesotho, Liberia, Madagascar, Malawi, Mali, Mauritius, Niger, Nigeria, Rwanda, Senegal, Seychelles, Sierra Leone, South Africa, Sudan, Tanzania, Togo, Uganda, Upper Volta, Zaire, Zambia, Zimbabwe.
**Asia:** Bangladesh, Burma, Hong Kong, India, Indonesia, Japan, Republic of Khmer, Korea, Lebanon, Macao, Malaysia, Pakistan, Philippines, Sri Lanka, Taiwan, Thailand, Vietnam.
**Europe:** Austria, Belgium, Denmark, England & Wales, Finland, France, Germany (FR and GDR), Hungary, Ireland, Italy, Luxembourg, Malta, Monaco, Netherlands, Norway, Poland, Portugal, Scotland, Spain, Sweden, Switzerland, Yugoslavia.
**Caribbean:** Antigua, Bahamas, Barbados, Bermuda, Belize, Dominica, Grenada, Guyana, Haiti, Jamaica, Surinam, St. Lucia, Trinidad.
**Latin America:** Argentina, Bolivia, Brazil, Chile, Colombia, Costa Rica, Dominican Republic, Ecuador, El Salvador, Honduras, Mexico, Nicaragua, Panama, Paraguay, Peru, Puerto Rico, Uruguay, Venezuela.
**North America:** Canada, United States of America.
**Oceania:** Australia, Carolines & Marshall, Cook Islands, Fiji, Guam & Marianas, Kiribati, New Caledonia, Papua New Guinea, Samoa, Solomon Islands, Tahiti & Marquesas, Tonga, Vanuatu, Wallis & Futuna.
**International Organisations:** 1) The National Catholic Radio and TV Centre, Oakleigh Road, Hatch End, Middlesex HA5 4HB, England. 2) Daughters of St. Paul, Via Laurentina 289, 00142 Rome, Italy. 3) Jescom International 5, Borgo Sto. Spirito, C.P. 6139, 00100 Rome, Italy. 4) Oblates of Mary Immaculata, 290 Via Aurelia 00165 Rome, Italy. 5) Order of Preachers, Convento Sta. Sabina, Piazza Pietro d'Illi3 Rome, Italy. 6) Radio Veritas, P.O. Box 939, Manila, Philippines. 7) Stichting Stem van Africa (Foundation Voice of Africa), Groot Haesebroekseweg 12, Wassenaar 010, Netherlands. 8) Society of the Divine Word, Via dei Verbiti 1, Rome, Italy. 9) Radio Vatican, Piazzina Leone XIII, Vatican City, Italy. 10) Kuangchi Program Service, Tun Hwa Nan Lu, Lane 451, no. 8, Taipei, Taiwan. 11) The Communications Centre, Booterstown Avenue, Blackrock, Co. Dublin, Ireland. 12) Communication Foundation for Asia, 4427 Interior Old Sta. Mesa, Metro Manila, P.O. Box SM-434, Manila 2806, The Phillippines. 13) Franciscan Communications Center, 1229 S. San Street, Los Angeles, CA 90015, USA. 14) PROA, 21 Am Kiefernwald, D-8 München, Germany. 15) ALER, Casilla 4639A, Quito, Ecuador. 16) Centre for Study of Religion and Culture, 221 Goldhurst Terrace, London NW6 3EP, England. 17) Congregation of the Holy Spirit, 30 rue Lhomond, F-75005 Paris, France. 18) Multimedia International, C.P 6139, I-00195 Rome, Italy.

**Publications:** Monthly newsletters in English and French, various newsletters published at continental and national levels.

## PROTESTANT

**EUROPE**
**Radio Committee of the Evangelical Missionary Alliance**
**ADDR:** Whitefield House, 186 Kennington Park Rd, London SE11 4BT.
**Chmn:** M. Goodman (Correspondence to Committee Secretary).

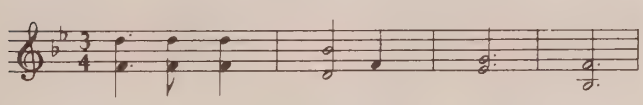
**EVANGELISCHE RADIOMISSION "CHRISTUS LEBT"**
**ADDR:** D-4800 Bielefeld 14, P.O. Box 140 380, Fed. Rep. of Germany. **Te:** (0521) 4486296 — Exec: Rev. H.L. Kuerschner.
A working group of Evang. Churches in West Germany, concerned with programs in 4 languages **(Estonian, Latvian, Polish, Czech** via Trans World Radio, Monte Carlo).

**EVANGELIUMS-RUNDFUNK**
(German-speaking Brànch of Trans World Radio)
**ADDR:** Box 1444, D-6330 Wetzlar, Germany.
**L.P:** Chmn: A. von Aufsess. Dir. Prgr: Rev. H. Marquardt. Dir. Adm: Wilfr. Mann.
**D. Prgr's:** Arabic, Armenian, Croatian, Czech, German, Greek, Hungarian, Kazakh, Kirgiz, Lithuanian, Macedonian, Polish, Russian, Serbian, Slovak, Slovenian, Turkish and special programmes for immigrant workers in Spanish, Italian, Greek, Turkish and Serbo-Croatian over TWR Monte Carlo. Further German prgrs. over TWR Bonaire to South America and over TWR Swaziland to South Africa, and also over local st's in Italy and Switzerland.

**RADIO WORLDWIDE**
**ADDR:** 13 Harold Rd, London SE19 3PU, England.
**L.P:** Dir: Miss H.C.B. Wraight.
International Programme supply. Prgr interest features include Hobbies such as stamp and postcard collecting, Quiz, Informal Bible teaching. English and Hindi languages. Programme list available. No Appeals. Radio Worldwide is an international, inter-denominational missionary fellowship. Programme producers and suppliers only.

**IBRA RADIO AB (Non-Comm, Non-Gov, Christian)**
**ADDR:** S-105 36 Stockholm, Sweden. **Headq:** Gammelgårdsvägen 38-42, Stora Essingen. **Cable:** Ibraradio.
**D. Prgrs over Radio Trans Europe** (Sines, Portugal): 1700-2130 (April-Sept. 1600-2030) on 9670kHz. D = daily.
**Albanian:** 1900-1915 (Sat/Sun) — **Arabic:** 1800-1830 (Mon/Tues/Fri, 1815-1830 Wed/Thurs) — **Armenian:** 1745-1800 (Fri) — **Bulgarian:** 1900-1915 (Mon-Wed) — **Croatian:** 2115-2130 (Fri/Sat) — **Estonian:** 2030-2100 (Fri-Sun) — **Finnish:** 2030-2100 (Thurs) — **Greek:** 1900-1915 (Thurs-Sat) — **Hebrew:** 1900-1915 (Sun) — **Latvian:** 2030-2100 (Tues) — **Polish:** 2100-2115 (Tues-Sun) — **Romanian:** 1830-1900D — **Russian:** 1700-1730 (Sat/Sun), 1730-1800D, 1915-2030D — **Serbian:** 2115-2130 (Wed/Thurs) — **Slovak:** 2100-2115 (Mon) — **Slovene:** 2115-2130 (Mon/Tues) — **Turkish:** 1800-1830 (Sat/Sun).
**D. Prgrs over R. Mediterran (Malta)**
**On 9615kHz: French:** 0700-0800 (Sun) — **Polish:** 1930-2000 (exc. Sat) — **Turkish:** 0630-0700 (Sat/Sun) — **Ukrainian:** 0600-0630 (Sat/Sun), 0700-0800 (Sat), 1900-1930D.
**On 9590kHz: English:** 2030-2115D — **German:** 2000-2030 (Wed-Sun) — **Hungarian:** 2000-2030 (Mon/Tues).

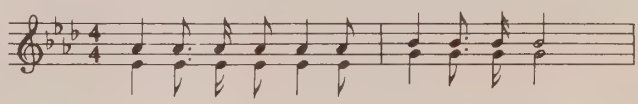
**INT-SIG:**



IBRA prgrs are also broadcast from Japan (5 sts), Philippines (1), Thailand (19), Portugal (2), Honduras (2), Argentina (18), Bolivia (9), Chile (8), Paraguay (3), Peru (1), Uruguay (18), Seychelles (1), Mexico (3), Korea (1), Colombia (3), Rwanda (1), Liberia (1), Azores (1).

**NOREA RADIO (Nordic Radio Evangelistic Assn.)**
**ADDR:** Boks 4087 Kongsgaard, 4601 Kristiansand, Norway. **Te:** (042)93000.
**L.P:** Dir. Adm: Osvald Hindenes. Dir. Prgr: H. Thorsen. Dir. Music: R. Saunes. Tec. Dept: R. Gaustad.
**D. Prgrs: Norwegian:** from TWR, Monte Carlo, 1705-1730 (Wed-Fri) 0800-0825 daily. **Danish:** Mon-Wed 1930-1945 (Su: 2130-2145) over TWR, Monte Carlo. Also in Albanian, Armenian, Polish, Rumanian, Russian, Serbo-Croat, Ukrainian and Hungarian — Also in Armenian, Arabic, Farsi & Kurdish (over TWR, Cyprus), Japanese (3 sts in Japan), Chinese and Japanese (over HLDA, Cheju, Korea) and Mandarin (over 4 sts in Taiwan), Chinese, Japanese and Indonesian over TWR Guam, Chinese & Swahili (over TWR, Swaziland), Spanish and Quechua (over 8 st's in Peru and 8 st's in Bolivia), Amharic, & Oromo over FEBA, Seychelles.
**V.** by QSL-card and letter — **FI:** By gifts from listeners and friends.

**ADVENTIST WORLD RADIO EUROPE**
**ADDR:** AWR, Am Elfengrund 66, D-6100 Darmstadt 13, Germany (Federal Republic)
**L.P:** Board Chmn: E. Ludescher. Gen. Mgr: Mike Wiist. Treasurer: E. Amelung.
**D. Prgrs:** Most prgrs identified as "The Voice of Hope". Christ-centered prgrs in 14 languages for Europe, No. Africa & the Middle East. Contract block programming on R. Trans Europe (Sines, Portugal). Most prgrs on 9670 or 9605kHz on the 31mb. Write for current schedule.
**Int.-Sig:** Different arrangements of the melody: "Lift up the trumpet. . . ."



**Current Languages:** Albanian, Arabic, Croatian, English, German, Greek, Hungarian, Macedonian, Polish, Romanian, Russian, Serbian, Slovenian, Ukrainian.
**DX-Prgr:** English: Sun 0915-0930 (Su: 0815-0830).
**V.** by letter or QSL-card. 2 IRC's req. **FI:** Non-comm.

**AFRICA**
**Sudan Interior Mission** operates Radio ELWA, P.O. Box 192, Monrovia, Liberia with studios: 08 B.P. 886. Abidjan 08, Ivory Coast (French programming).

**AMERICAS**
**ADVENTIST WORLD RADIO—LATIN AMERICA**
**ADDR:** Box 51-C, Guatemala City, Guatemala, CA.
**L.P:** Mgr: Albino Ixco.
**D.Prgrs:** Spanish 0000-0200 & English 0200-0400 on TGMUB 6090kHz 10kW; 17h daily in Spanish on TGMU 1330kHz 10kW & TGMV 105.5MHz 3.8kW (Prgr policy as AWR-Europe).
**V.** by letter—**FI:** Non-profit, Listener supported.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**Trans World Radio**
**International Headquarters,** 700 Shunpike Rd, (P.O. Box 98), Chatham, NJ 07928, USA.
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**National Religious Broadcasters, Inc,** an association of religious national and international broadcasters on radio and TV since 1944.
**Headquarters:** Dr. B. L. Armstrong, Exec. Dir, CN1926 Morristown, NJ 07960; Pres: E. Brandt Gustavson, Moody Bible Institute, 820 N. LaSalle Str, Chicago, IL 60610.
NRB comprises over 900 religious broadc. orgs consisting of stations and program producers. Sponsors conventions on national and regional areas Eastern, Southeastern, Midwest, Southwestern and Western Chapters.
**Publications:** "Religious Broadcasting" monthly, "Annual Directory of Religious Broadcasting", "Religious Broadcasting Sourcebook".

**CAM International** (formerly Central American Mission) (operates TGNA, Guatemala City & TGBA, Barillas, Huehuetenango, Guatemala).
**Addr:** 8625 La Prada Dr, Dallas, Texas 75228, USA. R. TGNA: Box 601, Guatemala City, Guatemala. Ag. Mgr: Julian Lloret.

**The Evangelical Alliance Mission,** P.O. Box 969, Wheaton, Ill. 60187, USA. Gen. Dir: R. Winchell.
Shares operation of HLKX, Seoul, Rep. of Korea; operates PJA-6, Aruba, Netherlands Antilles, OAZ4K-OAZ4L and OCX4H, Lima, Peru. Studios producing taped radio programs: Rawalpindi, Pakistan; Colombo, Sri Lanka; Taichung, Taiwan; Tokyo, Japan; Harare, Zimbabwe; San Cristobal, Venezuela.

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**Pub:** "Worldteam Harvest", Worldteam Today Newsletter.

**Far East Broadcasting Co. Inc.** P.O. Box 1, La Mirada, California 90637. Pres: Dr. Robert H. Bowman. Private Company with offices and studios in 13 countries. Broadcasts in 95 languages and dialects for a total of approx. 8000 hours per month over 29 transmitters. **Pub:** "The Broadcaster Magazine", 6 times a year. Operates sts in Manila, Cebu, Davao, Zamboanga, Legaspi, Marbel, Bacolod, Iba(Philippines); Inchon and Cheju, (Korea); San Francisco (USA), Saipan (Mariana Islands) and Seychelles (Far East Broadc. Ass. with hqs at 45 High Street, Addlestone, Weybridge, Surrey, England KT15 1TJ).

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**Lutheran Television,** television department of the International Lutheran Laymen's League for television programs for national and international distribution on a public service or a commercial basis. Presently producing and distributing "This is the Life" and "Family Animated Half Hour TV Specials", Christmas is, Easter is, The City That Forgot About Christmas, and 5h documentary series "Yeshua".
**L.P:** Dir: Rev. William Dingler. Dep. Mgr: Mrs. Janet Meyer, 2185 Hampton Ave, St. Louis, Mo 63139, USA.

**World Radio Missionary Fellowship, Inc,** P.O. Box 553000, Opa Locka, Florida 33055 — 0401, USA — Pres: Ronald A. Cline. Operates HCJB, La Voz de los Andes, Quito, Ecuador. Affiliated with HOXO Panama; KVMV, KOIR, KBNR (USA).

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**Christian Broadcasting Association,** 420 Lyons Rd, Five Dock, Sydney, NSW, Australia 2046. Man. Dir: Rev. V. Turner. Radio prgr. production on behalf of churches. (600 prgrs per week on 100 commercial sts), operated 3 years Australia's first ethnic st. 2EA; licensee 2CBA-FM 10 kW stereo in Sydney, 103.2 MHz.

**Pacific Broadc. Ass,** CPO Box 1000, Tokyo 100-91, Japan. Chmn. of Board of Dirs: Akira Hatori. Dir: Steve Tygert. PBA produces Japanese radio and TV programmes which are aired on commercial Japanese sts and from missionary shortwave sts around the Pacific basin.

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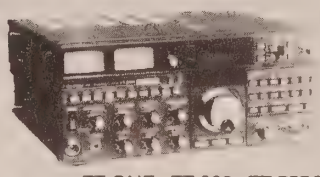

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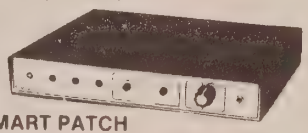

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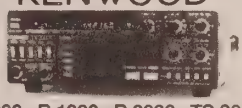

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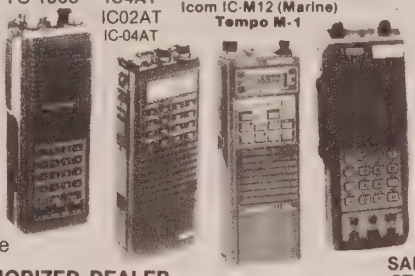

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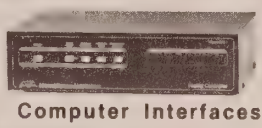

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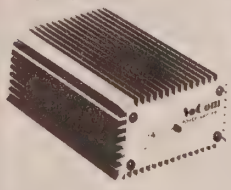

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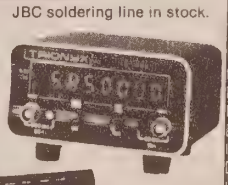

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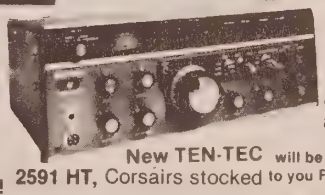

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# HIGH FREQUENCY BROADCAST RECEPTION CONDITIONS EXPECTED DURING 1985

By George Jacobs, MSEE, P.O. Box 1714, Silver Spring, Md. 20902, U.S.A.

Solar activity, upon which high frequency radio depends, continued to decline during 1984, much as expected. The year began with the so-called eleven year sunspot cycle at the 60 level, and ended with the solar count at approximately 40. Solar activity is expected to continue to decline slowly but steadily during 1985. The year is expected to begin with a count of approximately 38, and drop to approximately 25 by December. The solar cycle is now entering its low phase, and is expected to reach a minimum value sometime during 1987.

Cycle 21, the present solar cycle, began in June, 1976 with a smoothed sunspot count of 12. The cycle soared to a peak value of 165, recorded during December, 1979, and has been declining since then, albeit somewhat erratically.

There is a direct relationship between the sunspot count and general reception of h.f. broadcasts. When the count is very high, for example in excess of 100, reception conditions are good to outstanding on all bands, particularly the higher frequencies. During moderate periods of solar activity, for example when counts are between 50 and 100, reception remains generally good on most bands, falling off somewhat on the higher frequencies, improving somewhat on the lower frequencies.

With the lower phase of solar activity now beginning, what sort of reception conditions can we expect on the h.f. broadcasting bands during 1985 and for the next two or three years?

The frequency bands used for h.f. broadcasting stations are allocated and assigned in accordance with agreements drawn up under the auspices of the International Telecommunication Union, whose headquarters are in Geneva, Switzerland. The ITU, a specialized agency of the United Nations, is responsible for regulating all forms of telecommunications. Its agreements have treaty status among the signatories that make up the 158 member countries of the Union. The *Radio Regulations* of the ITU, Geneva, 1979, allocate the following h.f. bands for broadcasting.

**H.F. BROADCASTING BANDS**

| kiloHertz | MegaHertz Band | Meter Band |
|---|---|---|
| 2,300-2,495 | 2 | 120* |
| 3,200-3,400 | 3 | 90* |
| 3,900-4,000 | 4 | 75** |
| 4,750-5,060 | 5 | 60* |
| 5,950-6,200 | 6 | 49 |
| 7,100-7,300 | 7 | 41# |
| 9,500-9,775 | 9 | 31 |
| 11,700-11,975 | 11 | 25 |
| 15,100-15,450 | 15 | 19 |
| 17,700-17,900 | 17 | 16 |
| 21,450-21,750 | 21 | 13 |
| 25,600-26,100 | 26 | 11 |

*Tropical Bands, for use in designated tropical zones.
**Not used for broadcasting in the Western Hemisphere. Only the segment 3,950-4,000 used in Europe and Africa.
#Not used for broadcasting in the Western Hemisphere.

A major international conference held in 1979 under the auspices of the International Telecommunication Union (WARC-79) agreed to eventually add the following bands for h.f. broadcasting:

| kiloHertz | kiloHertz |
|---|---|
| 9,775-9,900 | 15,450-15,600 |
| 11,650-11,700 | 17,550-17,700 |
| 11,975-12,050 | 21,750-21,850 |
| 13,600-13,800 | |

Although these new bands were not intended to become official until the successful conclusion of a specialized h.f. broadcasting conference, more and more countries are using these bands on a *de facto* basis. The first session of this specialized conference (WARC-HFBC) was held in Geneva during early 1984, with a second session scheduled for 1987. Refer to the feature article appearing elsewhere in this edition of the **World Radio TV Handbook** for a detailed analysis of the results of the first session.

The year 1985 is expected to see a steady decline in solar activity and with it a noticeable reduction in broadcast reception on the higher frequency bands (26, 21 and 17 MHz), and a considerable increase in the already crowded lower frequency bands (6, 7, 9 and 11 MHz). The following is a general review of reception conditions expected in each high frequency band during 1985. For more specific reception information, and a do-it-yourself prediction method, please refer to the **Table of the Most Suitable MegaHertz Broadcasting Bands for 1985.**

**26 MHz Band (11 Meters):** This band is the most susceptible to solar cycle changes. During years of high solar count it is noted for the long distance reception possible during the hours of daylight, often from stations of relatively low power. During 1985, however, few stations are expected to use this band, and reception will be extremely erratic. The best chance for DX reception will be during the daylight hours of the late fall, winter and early spring months, with signals more likely to be received on a north-south path rather than from an easterly or westerly direction. During the summer months, shorter distance reception may occasionally be possible. Expect better reception in equatorial and tropical regions than in temperate zones. Do not be disappointed if patient listening on this band during 1985 produces few results.

**21 MHz Band (13 Meters):** Fewer stations are expected to make use of this band during 1985 than in previous years of higher solar activity. The band, however, should see fairly good use in most areas of the world, and at times congestion and interference could be high. This is a daytime reception band, with conditions best during the late fall, winter and early spring months. During the summer months, reception should be fairly good on most north-south paths, but poor in easterly and westerly directions. This should be a band worth checking, since most major broadcasting organizations plan to continue to use it. Reception should, however, be noticeably below that observed during the past five years or so.

**17 MHz Band (16 Meters):** An increasing number of stations are expected to use this band during 1985, as they move down from the 21 MHz band in order to preserve reception during the low period of solar activity. This is primarily a daytime band, with conditions best from late fall, through the winter months and into early spring. During these months, reception should be excellent from stations as near as 1,000 miles or so (1,750 km), to as far away as several thousand miles or more. Reception is expected to fall off considerably during the summer months, but should continue to be quite good on north-south paths, and from stations in tropical and equatorial areas. Every major broadcaster expects to use the 17 MHz band during 1985, and the level of congestion and interference will usually be quite high.

**15 MHz Band (19 Meters):** This band withstands the changes in solar activity quite well. Expect excellent reception from most areas of the world to continue through 1985. The band is expected to be crowded with stations from just after sunrise, throughout the daylight hours and until past sunset. Expect the strongest signals on the 15 MHz band, and reception of the most distant stations, for an hour or two after local sunrise and again during the afternoon hours. Reception conditions should be best from late fall, through the winter months and into spring. Summertime reception should also be quite good, with the band remaining open later with the increased hours of daylight. At times, signal levels will be exceptionally strong. The 15 MHz band is popular for both long distance reception and for shorter distance reception of domestic stations. The great use expected to be made of this band during 1985 should result in a very high level of congestion and interference, particularly during the afternoon hours.

**11 MHz Band (25 Meters):** Expect excellent reception conditions on this band in all seasons of the year during the hours of daylight. This band favors reception over medium distances ranging between approximately 500 and 2,000 miles (800 to 3,500 km). Longer distance reception, from stations up to several thousand miles away, should be possible for an hour or two after local sunrise, and again during the late afternoon and early evening hours. During the late spring and summer months, medium and long distance reception should be possible through the hours of darkness as well. Heavy congestion and interference is expected during the late afternoon and early evening when stations throughout the world, both domestic and international, expect to broadcast in this band during 1985.

**9 MHz Band (31 Meters):** This should continue to be an all season popular band during 1985. During the daylight hours, it will be used mainly for medium distance broadcasting, ranging between approximately 500 and 1,500 miles (850 to 2,500 km). During the spring, summer and fall months, longer distance reception up to several thousand miles should also be possible during the hours of darkness. Nighttime use of this band is expected to decline considerably during the winter months, although fairly good reception should be possible from stations located in tropical areas and in the lower latitudes. The best time to listen for DX stations on this band is during sunrise and for up to two or three hours afterwards, and again during the early evening. An exceptionally high level of interference is expected during the late afternoon and evening hours.

**7 and 6 MHz Bands (41 and 49 Meters):** These bands are affected very little by solar cycle changes during the daylight hours, but significantly during the hours of darkness. During 1985 both bands are expected to continue to be extremely popular during the daylight hours for domestic broadcasting and for short and medium distance international broadcasting, for distances up to approximately 1,200 miles (2,000 km). As the nighttime hours approach stations from greater distances should be heard, and during the hours of darkness, worldwide reception should be possible. Due to the decrease expected in solar activity and the corresponding weakening of the ionosphere, the skip zone during the nighttime hours of the winter months on these bands will be considerably greater than during the past five years. This means that once the sun has set during the short winter days, and while DX stations may be heard well, closer-in stations up to approximately 1,500 miles (2,500 km) may not be heard at all because the signal will skip over the area. High static levels which are common during the late spring and summer months should make long distance reception difficult at times. Normally about half of the world's h.f. broadcasting takes place in these two bands, but during 1985 greater use is expected to be made of them, as additional stations move down from the less efficient higher frequency bands. This will result in an exceptionally high level of congestion and interference, particularly during the late afternoon and evening hours.

**5, 4, 3 and 2 MHz Bands (60, 75, 90 and 120 Meters):** Reception conditions often *improve* on these bands during the years of low solar activity. All except the 4 MHz band are used exclusively in designated tropical areas, and all of these bands are used mainly for short and medium distance reception. During the daylight hours, reception should be possible up to approximately 500 miles (800 km). After sunset, during the hours of darkness and through the sunrise period, the range of reception should increase considerably. Reception should often be good up to 1,500 miles (2,500 km) or more, and over much greater distance for the more powerful stations. High static levels are likely to make reception difficult in these bands at times, particularly during the late spring, summer and early fall months. For more about the reception possibilities on these bands, we refer you to the article "Tropical Bands DXing" in this edition.

While declining solar activity is expected to have its effects during 1985, h.f. broadcasting will continue to play its unique role. Of all the broadcasting media (including low and medium frequency, VHF and TV), only h.f. broadcasts are capable of crossing frontiers, spanning oceans and bridging continents at any time of the day or night. It remains the only broadcasting medium which permits *direct* and *immediate* communication from a country to listeners in other countries, often thousands of miles away.

# TABLE OF MOST SUITABLE MEGAHERTZ BROADCASTING BANDS, 1985

**by George Jacobs, MSEE**

**About The Author**

This is the twenty-second consecutive year in which articles by George Jacobs have appeared in the **World Radio TV Handbook!**

Mr. Jacobs holds a Masters Degree in Electrical Engineering, is a FELLOW in the Institute of Electrical and Electronics Engineers (IEEE) and of the Radio Club of America, and he is a Registered Professional Engineer. During thirty-four years of U.S. government service he is given credit for developing the world-wide technical system of the Voice of America, modernizing the technical facilities of RFE/RL, and representing the U.S. at a score of international telecommunication conferences, including the first session of WARC-HFBC where he served as senior advisor to the Chairman of the U.S. Delegation. Since his retirement from government service in 1980, George has been in private practice as a consulting radio engineer. He has filed with the FCC on behalf of clients more than 200 applications for various types of broadcast stations. He is also consultant to the first commercial American shortwave broadcasting station (WRNO), and is involved as a technical consultant with commercial broadcast operations in Samoa and the Caribbean.

Mr. Jacobs has been an international broadcasting enthusiast since early childhood, and he is also well known to the radio amateur fraternity as W3ASK.

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Steadily declining sunspot activity is expected during 1985, as the present solar cycle enters into its low phase. Reception conditions on the h.f. broadcasting bands are expected to decline accordingly. The following **Table of The Most Suitable Megahertz Broadcasting Bands** is provided to readers of the WRTH so that they can take maximum advantage of changing reception conditions, and to determine for themselves the best times to listen during 1985 for broadcasts from all major areas of the world.

Scientists throughout the world have been studying the ever changing characteristics of the *ionosphere* for more than sixty years. It is the ionosphere, an electrically charged region in the earth's upper atmosphere, that reflects h.f. or shortwave radio signals over great distances. The ionosphere is formed primarily by ultraviolet radiation from the sun, and it is subject to hourly, daily, seasonal and geographic variations in its intensity, as well as throughout an approximate eleven year sunspot cycle.

The "Table" is based upon the latest available data concerning the ionosphere. It is as simple to use as a roadmap or timetable. Begin by locating your geographical area in the left hand column marked "Listener's Area". For the time period that you are interested in (given in both UTC and approximate local time) run your finger horizontally to the right until you intersect the "transmitter station location" that you are interested in hearing, for the specific month. The best h.f. band for reception is given at this point of intersection. On some occasions it should be possible also to receive broadcasts from the same geographical area on the next higher or lower band.

Here are some examples which demonstrate how easy it is to use the "Table".

Suppose you live in Europe (time zone UTC + 1), and you want to receive a broadcasting station located in southern Africa at 2100 local time during July. Running your finger along to the intersection of the "2000-2400" local time column and "C/S Af" column, under the "May-August" seasonal period, results in the "11" MHz band as the best band for reception.

Another example. It is March and you live on the west coast of the USA, and you want to listen to a station located in Europe at 9 p.m. local time. Under the "North America (West)" listener's area, run your finger horizontally to the right from the "8 PM-12M" local time period until it intersects the "Eur/N Af" transmitting station location under the "Mar/Apr & Sept/Oct" seasonal period. The 6 MHz band appears at this intersection as the best band for reception.

Since many readers are used to Meter Bands instead of MegaHertz Bands, the following table can be used to convert from one to another.

| MegaHertz Broadcasting Band | Meter Broadcasting Band |
|---|---|
| 25 | 11 |
| 21 | 13 |
| 17 | 16 |
| 15 | 19 |
| 11 | 25 |
| 9 | 31 |
| 7 | 41 |
| 6 | 49 |
| 4 | 75 |

For more information about high frequency broadcast reception conditions expected during 1985, refer to **High Frequency Broadcast Reception Conditions,** 1985, which can be found on Page 62.

With the proliferation of home computers throughout the world, there are now available a number of computer software programs for determining h.f. propagation and reception conditions. One that I am familiar with is called MUFPLOT. I use this disc program with my Commodore C-64 home computer, and a similar version is also available for the Apple II computer. You enter the program with date, transmitting station location and an assumed value of solar flux (80 should be close enough during the next few years). The program does the rest in a matter of seconds, displaying graphically the maximum usable frequency (MUF) and the lowest usable frequency (LUF), distance and bearing over a twenty-four hour period. While reception should be possible on the MegaHertz bands falling between the MUF and LUF, the computer can also calculate the "optimum working frequency" or OWF, which is equivalent to the results obtained in the "Table". The MUFPLOT program also prints a hard copy of the results. The program is very reasonably priced, and full information can be obtained from Base (2) Systems, 2534 Nebraska Street, Saginaw, Michigan, USA-48610.

# TABLE OF THE MOST SUITABLE MEGAHERTZ BROADCASTING BANDS

## 1985

Prepared by George Jacobs, MSEE, Consulting Radio Engineer
P.O. Box 1714, Silver Spring, Maryland, USA 20902

| | | | TRANSMITTING STATION LOCATION | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | JAN./FEB. & NOV./DEC. | | | | | | | | MAR./APR. & SEPT./OCT. | | | | | | | | MAY–AUGUST | | | | | | | |
| LISTENER'S AREA | LOCAL TIME | APPROX. UTC TIME | EUR/NAF | N.AM(E) | N.AM(W) | C/S.AM | C/S.AF | ME/S.AS | E.AS | AUS/NZ | EUR/NAF | N.AM(E) | N.AM(W) | C/S.AM | C/S.AF | ME/S.AS | E.AS | AUS/NZ | EUR/NAF | N.AM(E) | N.AM(W) | C/S.AM | C/S.AF | ME/S.AS | E.AS | AUS/NZ |
| EUROPE AND NORTH AFRICA | 0000-0400 | 2300-0300 | 6 | 6 | 6 | 6 | 7 | 6 | 6 | 7 | 6 | 6 | 9 | 9 | 9 | 7 | 7 | 9 | 7 | 9 | 11 | 9 | 9 | 9 | 9 | 9 |
| | 0400-0800 | 0300-0700 | 4 | 6 | 6 | 6 | 9 | 7 | 9 | 9 | 6 | 6 | 6 | 9 | 9 | 9 | 9 | 9 | 7 | 9 | 9 | 11 | 11 | 9 | 11 | 9 |
| | 0800-1200 | 0700-1100 | 11 | 6 | 6 | 9 | 15 | 15 | 15 | 9 | 11 | 9 | 6 | 11 | 15 | 15 | 15 | 11 | 11 | 9 | 9 | 11 | 15 | 15 | 15 | 11 |
| | 1200-1600 | 1100-1500 | 11 | 9 | 6 | 15 | 17 | 15 | 15 | 11 | 11 | 9 | 9 | 15 | 17 | 15 | 15 | 11 | 11 | 11 | 9 | 15 | 15 | 15 | 15 | 15 |
| | 1600-2000 | 1500-1900 | 9 | 15 | | 15 | 11 | 9 | 9 | 9 | 9 | 15 | 11 | 15 | 15 | 11 | 11 | 9 | 9 | 15 | 11 | 15 | 15 | 15 | 15 | 9 |
| | 2000-2400 | 1900-2300 | 6 | 9 | 11 | 11 | 9 | 7 | 9 | 9 | 6 | 11 | 11 | 15 | 11 | 9 | 9 | 9 | 9 | 15 | 11 | 15 | 11 | 9 | 11 | 9 |
| NORTH AMERICA (EAST) | 10PM-2AM | 0300-0700 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 9 | 6 | 6 | 9 | 9 | 6 | 6 | 6 | 9 | 9 | 6 | 9 | 9 | 9 | 9 | 11 | 11 |
| | 2AM-6AM | 0700-1100 | 6 | 6 | 6 | 6 | 6 | 6 | 9 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 9 | 9 | 6 | 6 | 9 | 9 | 9 | 9 | 9 |
| | 6AM-10AM | 1100-1500 | 9 | 6 | 9 | 9 | 11 | 11 | 9 | 9 | 15 | 6 | 9 | 11 | 15 | 15 | 6 | 9 | 11 | 6 | 9 | 11 | 15 | 15 | 11 | 9 |
| | 10AM-2PM | 1500-1900 | 15 | 11 | 11 | 17 | 15 | 15 | 11 | 11 | 15 | 15 | 11 | 17 | 17 | 15 | 9 | 15 | 15 | 11 | 15 | 15 | 17 | 15 | 15 | 11 |
| | 2PM-6PM | 1900-2300 | 9 | 11 | 15 | 15 | 11 | 11 | 9 | 11 | 11 | 11 | 15 | 15 | 11 | 11 | 9 | 11 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 |
| | 6PM-10PM | 2300-0300 | 6 | 6 | 9 | 6 | 9 | 6 | 11 | 15 | 9 | 6 | 9 | 6 | 9 | 9 | 11 | 15 | 9 | 9 | 11 | 9 | 11 | 9 | 15 | 15 |
| NORTH AMERICA (WEST) | 12M-4AM | 0800-1200 | 6 | 6 | 6 | 6 | 6 | 9 | 6 | 9 | 6 | 6 | 6 | 6 | 9 | 9 | 6 | 9 | 9 | 6 | 6 | 6 | 9 | 9 | 9 | 9 |
| | 4AM-8AM | 1200-1600 | 6 | 6 | 6 | 9 | 11 | 9 | 9 | 6 | 9 | 9 | 6 | 9 | 11 | 11 | 6 | 6 | 9 | 9 | 6 | 11 | 11 | 11 | 9 | 9 |
| | 8AM-12N | 1600-2000 | 11 | 11 | 9 | 15 | 15 | 11 | 9 | 9 | 11 | 15 | 9 | 15 | 15 | 15 | 9 | 9 | 11 | 15 | 9 | 15 | 15 | 15 | 11 | 9 |
| | 12N-4PM | 2000-2400 | 11 | 11 | 11 | 11 | 11 | 9 | 11 | 17 | 9 | 15 | 11 | 15 | 11 | 9 | 15 | 17 | 11 | 15 | 15 | 15 | 11 | 11 | 15 | 15 |
| | 4PM-8PM | 0000-0400 | 6 | 9 | 9 | 9 | 9 | 9 | 11 | 15 | 9 | 9 | 9 | 11 | 9 | 9 | 11 | 15 | 11 | 11 | 9 | 11 | 11 | 11 | 15 | 17 |
| | 8PM-12M | 0400-0800 | 6 | 6 | 6 | 6 | 6 | 6 | 9 | 9 | 6 | 6 | 9 | 9 | 9 | 6 | 9 | 9 | 9 | 9 | 6 | 9 | 9 | 11 | 15 | 11 |
| CENTRAL AND SOUTH AMERICA | 12M-4AM | 0400-0800 | 6 | 6 | 6 | 6 | 9 | 6 | 9 | 11 | 9 | 9 | 9 | 6 | 9 | 9 | 9 | 11 | 11 | 9 | 9 | 6 | 6 | 11 | 11 | 11 |
| | 4AM-8AM | 0800-1200 | 9 | 6 | 6 | 9 | 15 | 11 | 9 | 11 | 11 | 6 | 6 | 9 | 11 | 11 | 9 | 11 | 11 | 9 | 6 | 9 | 11 | 11 | 9 | 6 |
| | 8AM-12N | 1200-1600 | 15 | 15 | 9 | 11 | 15 | 15 | 9 | 11 | 17 | 15 | 9 | 11 | 15 | 15 | 9 | 11 | 15 | 11 | 9 | 11 | 15 | 15 | 11 | 9 |
| | 12N-4PM | 1600-2000 | 15 | 17 | 17 | 15 | 11 | 15 | 9 | 11 | 15 | 17 | 15 | 11 | 15 | 15 | 9 | 11 | 15 | 17 | 15 | 11 | 15 | 15 | 9 | 11 |
| | 4PM-8PM | 2000-2400 | 11 | 11 | 15 | 11 | 11 | 11 | 11 | 15 | 11 | 15 | 15 | 9 | 11 | 11 | 11 | 15 | 11 | 15 | 15 | 9 | 11 | 11 | 11 | 15 |
| | 8 PM-12M | 0000-0400 | 6 | 6 | 9 | 6 | 11 | 9 | 15 | 15 | 9 | 9 | 15 | 6 | 11 | 11 | 15 | 15 | 11 | 11 | 11 | 6 | 9 | 9 | 15 | 11 |
| CENTRAL AND SOUTH AFRICA | 0000-0400 | 2200-0200 | 6 | 9 | 9 | 11 | 6 | 9 | 9 | 15 | 9 | 9 | 11 | 11 | 9 | 6 | 9 | 15 | 9 | 11 | 11 | 11 | 9 | 9 | 9 | 9 |
| | 0400-0800 | 0200-0600 | 9 | 6 | 6 | 9 | 9 | 11 | 11 | 15 | 9 | 6 | 11 | 9 | 9 | 9 | 11 | 15 | 9 | 9 | 11 | 9 | 6 | 11 | 6 | 15 |
| | 0800-1200 | 0600-1000 | 15 | 6 | 9 | 9 | 11 | 15 | 11 | 15 | 11 | 9 | 9 | 11 | 11 | 15 | 15 | 15 | 11 | 9 | 9 | 15 | 11 | 15 | 11 | 15 |
| | 1200-1600 | 1000-1400 | 17 | 15 | 11 | 15 | 11 | 15 | 15 | 11 | 17 | 15 | 9 | 17 | 15 | 15 | 15 | 15 | 15 | 15 | 9 | 17 | 11 | 15 | 11 | 15 |
| | 1600-2000 | 1400-1800 | 15 | 15 | 15 | 15 | 11 | 15 | 11 | 9 | 15 | 17 | 15 | 15 | 11 | 15 | 11 | 9 | 15 | 17 | 15 | 15 | 11 | 15 | 11 | 11 |
| | 2000-2400 | 1800-2200 | 9 | 11 | 9 | 15 | 11 | 11 | 7 | 11 | 11 | 11 | 15 | 15 | 11 | 11 | 9 | 11 | 11 | 15 | 15 | 15 | 11 | 15 | 9 | 9 |
| MIDDLE EAST AND SOUTH ASIA | 0000-0400 | 2100-0100 | 7 | 6 | 9 | 9 | 7 | 6 | 6 | 7 | 7 | 9 | 9 | 9 | 6 | 7 | 7 | 9 | 9 | 11 | 11 | 11 | 7 | 7 | 9 | 9 |
| | 0400-0800 | 0100-0500 | 7 | 6 | 9 | 9 | 11 | 9 | 15 | 15 | 9 | 9 | 9 | 9 | 9 | 9 | 11 | 15 | 9 | 11 | 11 | 11 | 6 | 9 | 11 | 15 |
| | 0800-1200 | 0500-0900 | 11 | 6 | 6 | 9 | 15 | 11 | 15 | 17 | 9 | 6 | 6 | 9 | 15 | 15 | 15 | 17 | 11 | 11 | 9 | 11 | 11 | 11 | 15 | 15 |
| | 1200-1600 | 0900-1300 | 15 | 6 | 6 | 11 | 11 | 11 | 11 | 9 | 17 | 6 | 9 | 11 | 17 | 15 | 11 | 9 | 15 | 15 | 9 | 11 | 15 | 15 | 11 | 11 |
| | 1600-2000 | 1300-1700 | 15 | 11 | 9 | 15 | 15 | 9 | 9 | 9 | 15 | 15 | 9 | 15 | 15 | 9 | 9 | 9 | 15 | 15 | 11 | 15 | 15 | 9 | 9 | 9 |
| | 2000-2400 | 1700-2100 | 7 | 11 | 11 | 15 | 9 | 7 | 7 | 7 | 11 | 11 | 11 | 15 | 9 | 7 | 9 | 9 | 11 | 15 | 11 | 15 | 9 | 7 | 9 | 9 |
| EAST ASIA AND FAR EAST | 0000-0400 | 1600-2000 | 7 | 9 | 9 | 9 | 9 | 7 | 6 | 9 | 9 | 11 | 9 | 11 | 9 | 9 | 9 | 9 | 11 | 11 | 15 | 9 | 7 | 9 | 6 | 9 |
| | 0400-0800 | 2000-2400 | 7 | 6 | 11 | 11 | 9 | 6 | 6 | 11 | 7 | 9 | 11 | 15 | 9 | 9 | 9 | 15 | 11 | 15 | 15 | 15 | 9 | 9 | 9 | 15 |
| | 0800-1200 | 0000-0400 | 6 | 9 | 15 | 15 | 9 | 9 | 11 | 15 | 7 | 11 | 15 | 15 | 9 | 9 | 11 | 15 | 9 | 15 | 15 | 15 | 9 | 11 | 11 | 15 |
| | 1200-1600 | 0400-0800 | 7 | 9 | 9 | 9 | 11 | 15 | 11 | 17 | 9 | 9 | 11 | 9 | 11 | 15 | 11 | 17 | 11 | 11 | 15 | 11 | 15 | 15 | 11 | 15 |
| | 1600-2000 | 0800-1200 | 15 | 9 | 6 | 9 | 15 | 11 | 11 | 15 | 11 | 9 | 9 | 9 | 17 | 15 | 11 | 17 | 11 | 9 | 9 | 9 | 15 | 15 | 11 | 15 |
| | 2000-2400 | 1200-1600 | 11 | 9 | 6 | 9 | 11 | 9 | 7 | 11 | 11 | 9 | 6 | 9 | 15 | 11 | 7 | 11 | 15 | 11 | 9 | 11 | 15 | 11 | 7 | 9 |
| AUSTRALIA AND NEW ZEALAND | 0000-0400 | 1400-1800 | 11 | 11 | 9 | 11 | 9 | 9 | 11 | 9 | 11 | 9 | 9 | 11 | 9 | 9 | 9 | 9 | 11 | 9 | 9 | 9 | 11 | 9 | 11 | 9 |
| | 0400-0800 | 1800-2200 | 9 | 11 | 11 | 11 | 9 | 7 | 9 | 9 | 9 | 11 | 11 | 11 | 9 | 7 | 9 | 9 | 9 | 11 | 11 | 11 | 9 | 7 | 9 | 9 |
| | 0800-1200 | 2200-0200 | 9 | 15 | 17 | 15 | 11 | 9 | 15 | 11 | 9 | 15 | 17 | 15 | 11 | 9 | 15 | 15 | 11 | 15 | 17 | 15 | 9 | 9 | 15 | 15 |
| | 1200-1600 | 0200-0600 | 9 | 9 | 11 | 11 | 15 | 15 | 15 | 15 | 9 | 9 | 15 | 15 | 15 | 15 | 17 | 15 | 9 | 11 | 15 | 11 | 15 | 15 | 17 | 15 |
| | 1600-2000 | 0600-1000 | 9 | 9 | 9 | 11 | 11 | 17 | 15 | 11 | 11 | 9 | 11 | 11 | 15 | 15 | 15 | 9 | 11 | 11 | 9 | 11 | 15 | 15 | 15 | 9 |
| | 2000-2400 | 1000-1400 | 15 | 9 | 9 | 11 | 11 | 9 | 15 | 9 | 15 | 9 | 9 | 11 | 15 | 11 | 11 | 9 | 15 | 9 | 9 | 11 | 11 | 11 | 11 | 9 |

BAND SELECTIONS HAVE BEEN MADE TAKING INTO ACCOUNT BOTH PROPAGATION CONDITIONS AND STATION OPERATING SCHEDULES

## ABBREVIATIONS USED IN THIS HANDBOOK

**N.B.:** This listing should not be used in conjunction with other publications, which may use different abbreviations. To avoid confusion, we suggest that the full word be used e.g. when writing reception reports. Where special abbreviations are used only in a certain section, these are listed at the start of the relevant section.

a/c = alternating current
acc. = accepted
add = additional
Addr. = Address
Adm. = Administration
Ad. = advertisements, advertising
Af. = Africa
Ag. = Acting
ALF = Annual License Fee
alt. = alternate, alternative
AM = Amplitude Modulation
Am = America
Ann. = Announcement
Ant. = Antenna
approx. = approximately
Ap. = Apartado
Apr. = April
As. = Asia
Ass. = Association, associate(s)
Asst. = Assistant
Au. = Australia
Aug. = August
Av., Ave = Avenida, Avenue
BBC = British Broadcasting Corporation
BC = Broadcasting
Bldg. = Building
B.P. = Boite Postale
Br. = British
Broadc. = Broadcast(ing)
Cad. = Cadena
Cas. = Casilla
Cath. = Catholic
Cd. = Ciudad
Ce. = Central
Cel., Cnel. = Coronel
cf. = refer to
Ch. = Channel, China Chinese
Chmn. = Chairman
Cl. = Club(e)
Co. = Company
Comm. = Commercial, commentary
Contr. = Controller
Corp. = Corporation
C.P. = Caixa Postal
Cra = Carrera
Cult. = Cultura, Cultural
D = Daily
d. = directional aerial
d/c = direct current
Dec. = December
Dem. = Democratic
Dep. = Deputy
Dept. = Department
Depto. = Departamento
Desp. = Despacho
Dif. = Difusora, Difusão
Diff = Diffusion
Dir. = Director
Div. = Division
DX = Long Distance
E = English
Ea. = East
E.C = Electric Current
E. by R. = English by Radio
Edif. = Edificio
Edo. = Estado
Educ. = Education, Educational, Educadora
Em. = Emis(s)ora
Eng. = Engineer, Engineering
ERP = Effective Radiated Power
Esq. = esquina
Eu = Europe
Exc. = except
Exec. = Executive
Exp. = experimental
Ext. = External
F. = French
FE = Far East
Feb. = February
Fed. = Federal
Fl = Financing, financed
FM = Frequency modulation
For.Rel. = Foreign Relations
F.PL. = Future plans
freq. = frequency
Fri. = Friday
FS = Foreign Service
Ft. = Fort
G. = German
G.C. = Geographical coordinates given in degrees and minutes
Gen. = General
Gov. = Government, Governmental
Gr. = Greek
Gte = Manager (Sp.)
H = Horizontal polarization
h = hour
HQ = Headquarters
HS = Home Service
I = Italian
ID = (Station) Identification
i.e. = that is
Inc. = Incorporated
incl. = including

# MFJ Compact Worldwide Active Antenna

MFJ-1024
$129.95

**This 54 inch Active Antenna** eliminates outside longwire antennas. It can be used anywhere space is a problem.

**Mount it** on top of houses, buildings, balconies, mobile homes, apartments, on board ship-anywhere!

**Use it with any radio** to receive strong clear signals from all over the world without the need for an outside longwire antenna. It often exceeds the performance of a wire hundreds of feet long.

**This wide range all wave antenna** covers 50 KHz to 30 MHz - all frequencies from VLF through lower VHF-including long wave, medium wave, broadcast and shortwave bands. The whip antenna and amplifier module mount outside, away from electrical noise for maximum signal and minimum noise pickup.

**A very high dynamic range** impedance transforming amplifier module eliminates intermodulation that causes signals to appear out of nowhere. You only hear actual broadcast signals.

**The control unit has a 20dB attenuator** and a gain control to prevent receiver overload. A receiver switch selects between 2 receivers and an antenna switch selects an auxiliary antenna. A LED indicates power 'ON'.

**The MFJ-1024 comes complete** with a 50 foot coax cable and connector—ready to use! The remote unit is constructed of rugged, high quality materials and will outlast and out perform the competition. Weather-proofed electronics, thick aluminum mounting plate and a durable black Phenolic outer casing make this the best built active antenna that you can buy !

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Indep. = Independent
Inf. = Information
Int. = International
Int.Sig. = Interval Signal
IRC = International Reply Coupon
irr. = irregular
Isl. = Island(s)

Langs = Languages
L.L. = Language Lessons
L.P. = Leading Personnel
L.T. = Local Time
LW = Longwave

m. = metres
m.b. = metre band
Mbg. = Mailbag
Man. = Managing
max = maximum
ME = Middle East
Met. = Metropolitan
Mgr. = Manager
MHz = MegaHertz
Mil. = Military
Min. = Ministry, Ministerio
mins = minutes
Miss. = Missionary
Mon. = Monday
Mpal. = Municipal (Sp.)
Mpo. = Municipio
Mt. = Mount
MW = Mediumwave

N. = News
Nal. = Nacional
Nat. = National
nd = nondirectional antenna
NE = Near East, North East
Netw. = Network
n.f. = nominal frequency
No. = North
Nom. = nominal
Nov. = November
Nte. = Norte
N.Z. = New Zealand

occ. = occasionally
Oct. = October
Op's = Operations
Org. = Organisation
Ote. = Oeste

P. = Portuguese
Pac. = Pacific
Pol. = Polarization
Po. = Population
P.O. = Post Office
P.R. = People's Republic
Pr. = Private
Pres. = President, Presidencia, Presidente
Prgr. = Programme
Pr.L. = Principal Language(s)
Prod. = Production
Prov. = Province, Provincial
Pte. = Presidente, Poniente, Puente
Pto. = Puerto
Pub. = Publication(s)

QSL = confirmation of reception

R = Radio
r = reported
Radiodiff. = Radiodiffusion
Rcvrs. = Receivers
Re. = (reception) reports
Rec. = Recordings
Red. = Rediffusion
Reg. = Regional
Rel. = Relay(ing), Relations
Rep. = Republic
Rlg. = Religious
Rp. = Return postage required
Russ. = Russian

S. = San
Sat. = Saturday
Sce. = Service
Sched. = Schedule
Secr. = Secretary
Sen. = Senior
Sep. = September
S/N, s/n = sin(sem) número
s/off = sign-off
s/on = sign-on
So. = South
Soc. = Sociedad(e)
Sp. = Spanish
St. = Station, Saint
Sta. = Santa
Stgo. = Santiago
Str. = Street
Su. = Summer
Sub. = Subscription
Sun. = Sunday
Superv. = Supervisor
Syst. = System
SW = Shortwave

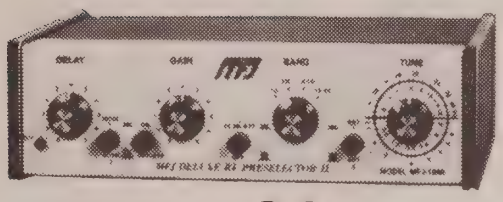
Te. = Telephone
Tec. = Technical
Terr. = Territory
Thurs. = Thursday
Tr. = transmitter, transmission
Trop. = Tropical
TS = Time Signal
Tues. = Tuesday
TV = Television

u.c. = under construction
UHF = Ultra High Frequency
Univ. = University, Universidad(e)
UTC = Coordinated Universal time

V. = Verification, Vertical polarization, Volts
v. = varying
VHF = Very High Frequency

W. = Weekdays, Watt
We. = West
Wed. = Wednesday
Wi. = Winter
Wrp. = Weather report

# MFJ All Band-Deluxe RF Preselector II



MFJ-1040 $99.95

**The MFJ-1040 All Band RF Preselector** lets you copy weak, barely readable signals.

**Rejects** out of band signals and images.

**Strong signal ability** reduces cross modulation and overloading. Excellent signal to noise ratio.

**Continuous 1.8 to 54 MHz:** all HF amatuer shortwave bands. Up to 20 dB gain. Gain control. Dual gate MOSFET, bipolar transistors for low noise, high gain and strong signal ability.

**Push button switches** for 20 dB attenuator, On/Off/Bypass. Operates with 2 ants. and 2 rcvrs.

**Dual coax and phono jacks** for antennas, receivers. RF sensing auto relay bypasses preselector when transmitting up to 350 watts input. Delay control. Jack for push to talk. 8x2x6 inches.

**MFJ-1045, $69.95.** Like MFJ-1040, less attenuator, xcvr auto bypass, delay control, PTT. Use 1 ant., 1 rcvr. 6x2x6 in. Both units use 9-18 VDC or 110 VAC with AC adapter, MFJ-1312, $9.95.

*ONE YEAR UNCONDITIONAL GUARANTEE*

## *DX'ers FILTER*

MFJ-732 $ 69.95

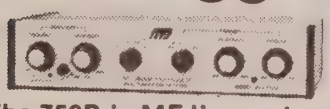
**The MFJ-732 DX'ers Filter uncovers signals** that are buried in the airwaves. Helps eliminate heterodyning and signal interference. Select lowpass and highpass cutoffs at 300, 500, 1500, 2200 and 3000 Hz for much improved signal copy.

**Built-in speaker, 2W amp.** 9-18 VDC, 110 VAC with optional AC adapter, MFJ-1312, $9.95.

# SHORTWAVE

## *DUAL TUNABLE SSB/CW FILTER*

MFJ-752B $ 89.95

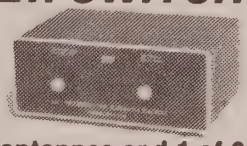


**The 752B is MFJ's most versatile filter.** Zero in your SWL signal and notch out interfering signals at the same time. Primary filter has tunable peak, notch, lowpass and highpass. Auxilliary filter has peak, notch. Gives constant output as bandwidth is varied. Linear frequency control.

**Switchable between 2 receivers.** Speaker and phone jacks. 10x2x6 in.. 9-18 VDC or 110 VAC with AC adapter, MFJ-1312, $9.95.

## *ANTENNA RECEIVER SWITCH*

MFJ-1700 $79.95



**Select 1 of 6 antennas and 1 of 6 receivers.** Eliminate plugging and unplugging antenna and receiver leads. All unused inputs and outputs are grounded. Connect antenna tuner or preselector in line to function with any selected circuit. 8x2x6 inches.

## *RECEIVER ANTENNA TUNER*

MFJ-959 $89.95

**MFJ-959 matches antenna to receiver** for maximum signal strength. Has low noise 20 dB preamp for weak stations.

**Covers 1.6 to 30 MHz.**

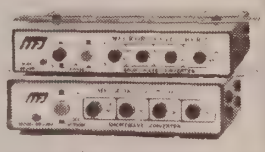
**Can use 2 antennas and 2 receivers.** Select tuner, tuner with preamp, tuner with 20 dB attenuator, bypass. Gain control. Coax, phono jacks. Uses 9-18 VDC or 110 VAC with optional AC adapter, MFJ-1312, $9.95. 9x2x6 inches.

**MFJ-950, $59.95.** Similar to the MFJ-959, less preamp, attenuator and bypass.

## *MOBILE SHORT-WAVE CONVERTERS*

MFJ-308 $99.95

MFJ-304 $79.95



**Listen to the world on the road** with these low cost mobile SWL converters. Choose the MFJ-304 "World Explorer I" that covers 19, 25, 31 and 49 meter bands or the MFJ-308 "World Explorer II" that adds 13, 16, 41 and 60 meter bands for total SWL coverage.

**World wide coverage brings in stations** from Europe, Africa, Asia, Middle East, South Pacific plus North and South America! Just push a button to select your band and tune in stations with your car radio. Excellent sensitivity is provided by 2 dual-gate MOSFETS. MFJ-304, 5¼x1¼x4 in., MFJ-308, 6¼x1¼x5 in.

## *FREQUENCY MARKER*

MFJ-200BX $ 39.95

**Know where you are!** Don't get lost in the SWL airwaves.

**The MFJ-200BX provides strong** precise frequency markers every 100, 50 or 25 KHz, well into the VHF region. Markers are gated for positive ID. Advanced circuitry suppresses unwanted markers 9 volt battery (n/inc.) 2¼x3¼x4.

**See Your Dealer or Call TOLL FREE 800-647-1800**

**MFJ ENTERPRISES INCORPORATED**

VISA MasterCard

921 Louisville Rd., Starkville, MS 39759 U.S.A. • Telex 53-4590 MFJ STKV

# Indoor Tuned Active Antenna MFJ's World Grabber

"**World Grabber.**" Put this handsome unit on your operating desk and listen to the world! Its performance rivals, often exceeds reception from outside long antennas.

**Unique tuned circuitry** minimizes intermodulation distortion, provides additional RF selectivity and reduces noise outside the tuned band.

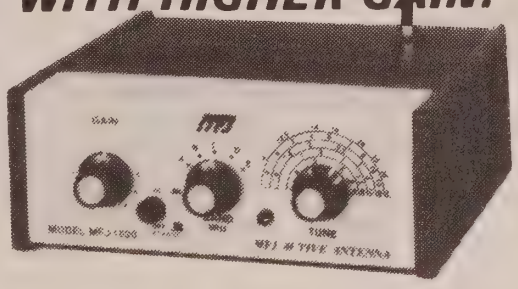
**Amplification** also permits using the MFJ-1020 as a preselector with an external antenna, for added versatility.

**Covers 300 KHz to 30 MHz** in 5 bands. Switch selects .3-.7, .7-1.6, 1.6-4, 4-11, 11-30 MHz.

**Adjustable telescoping antenna.** Swivels for maximum signal, minimum noise.

***NEW IMPROVED WITH HIGHER GAIN!***

MFJ-1020 $79.95



**Full controls** for tuning, band selection, gain and function (On-Off/Bypass). LED indicator. FET, bipolar circuitry. Phono jack provided for use with external antenna.

**Universal power.** Operates on 9 V battery (not included); any 9-18 VDC supply, or 110 VAC with optional AC adapter, MFJ-1312, $9.95.

**Convenient size.** The handsome beige and walnut grain plastic and metal cabinet easily fits on your desk for it measures just 5x2x6 inches.

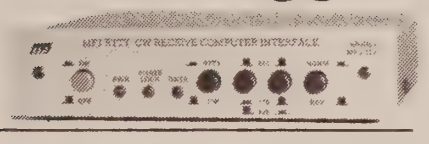
**Travel the World with your ears.** Wherever you live, city apartment or country home, MFJ-1020 will grab the SWL world for you!

*ORDER TOLL FREE—800-647-1800•USE VISA OR MASTER CARD*

# ACCESSORIES

## *RTTY/ASCII/CW RECEIVE ONLY SWL COMPUTER INTERFACE*

MFJ-1225 $69.95



**FREE MFJ RTTY/ASCII/CW Software Tape and Cable for C-64 and VIC-20.**

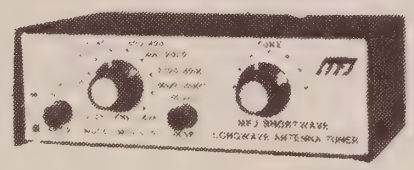
**Receive commercial,** military, and amateur RTTY/ASCII/CW using your personal computer.

**The MFJ-1225 Computer Interface** plugs between your receiver & VIC-20, Apple, TRS-80C, Atari, TI-99, Commodore 64 and most other personal computers. Requires suitable software.

**Copies all shifts** (850, 425, 170 Hz shift and all others) and all speeds. Automatic noise limiter suppress static crashes for better copy. 2 LED tuning indicator makes tuning fast, easy, positive. 4½x1¼x4¼ in. 12-15 VDC or 110 VAC with optional adapter, MFJ-1312, $9.95.

**In addition,** MFJ-1225's unique general purpose socket provides RTTY out, RTTY inverted out, CW out, CW inverted out, ground and +5VDC for interfacing to most any personal computer with the proper software.

## *PRESELECTING ANTENNA TUNER*



MFJ-955 $79.95

**This MFJ-955 VLF/MW/SWL preselecting antenna tuner** greatly improves reception of 10 KHz thru 30 MHz signals, especially those below 2 MHz.

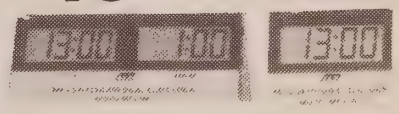
**Lets you peak desired signals** while rejecting interference. Reduces overload, background noise, crossmodulation and intermodulation. VLF signals come roaring in.

**Switch between two antennas and two receivers.** Bypass position connects antenna directly to receiver. 5½x2x3 inches. Black, eggshell white aluminum cabinet

**MFJ**

## *24 HOUR LCD CLOCKS*

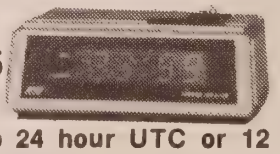
MFJ-108 $19.95 MFJ-107 $9.95



**Huge 5/8 in. LCD numbers.** Choose from dual clock with seperate UTC and Local time display or single unit with 24 Hour display. Both mounted in a brushed aluminum frame, easy to read. Both can be operated in alternating time-date display mode. Battery included. MFJ-108, 4½x1x2; MFJ-107, 2¼x1x2. Imported.

## *24/12 HOUR CLOCK WITH ID TIMER*

MFJ-106 $19.95



**Switch to 24 hour UTC or 12 hour format!** Battery backup. ID timer alerts every 9 minutes after reset. Red .6 in. LEDs. Synchronizable to WWV. Alarm, snooze functions. PM, alarm on indicators. Silver/Black cabinet. 5x2x3 in., 110 VAC, 60 Hz. Imported.

## Order from MFJ and try it — no obligation!

• If not delighted, return it within 30 days for a prompt refund (less shipping). • One year unconditional guarantee. • Made in U.S.A. • Add $4 each shipping/handling • Call or write for FREE Catalog. Over 100 products.

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NORTH
ATLANTIC
OCEAN
ICELAND
AKUREYRI
EIDAR
REYKJAVIK
HOFN
FAROE
ISLANDS
TORSHAVN
NORWEGIAN SEA
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PASSAU
STRASBOURG
STUTTGART
NANTES
FRANCE
WIEN
WERTACHTAL
MOOSBRUNN
BAY OF BISCAY
DIJON
MÜNCHEN
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GRAZ
BUDAPEST
SARNEN
LAUTERACH
ALDRANS
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LIMOGES
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SAN SEBASTIAN
BORDEAUX
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LYON
LENK
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LJUBLJANA
SANTANDER
BILBAO
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0
15
UTC
UTC +1
EUROPE I
0
200
400
600KM

# WORLD RADIO

## EUROPE

### ALBANIA (People's Socialist Rep. of)

**L.T:** UTC + 1h (Su: UTC+2h) — **Pr.L:** Albanian.

**RADIOTELEVISIONE SHQIPTAR (Gov.)**
**ADDR:** Rruga Ismail Qemali, Tirana. **Te:** 3239. **Cable:** Albradio.
**L.P:** Dir. Gen: M. Hajati. Head of Foreign Rel. Dept: N. Qamili.

**HOME SERVICE**

| STATIONS | kHz | kW | | kHz | kW |
|---|---|---|---|---|---|
| Dürres | 1089 | 150 | Gjirokaster | 5020 | 50 |
| Tirana | 1359 | 50 | Gjirokaster | 5057 | 50 |

**FM:** Tirana 99.5MHz 100kW.
**D.PRGR. in Albanian:** 0400-1930 on 5020/5057kHz, 0400-0700 & 1100-2200 on 1089kHz, 0700-1100 & 1700-2200 on 1359kHz.
**FM:** 0400-2200. **N:** W 0400, 0500, 0700, 0900, 1100, 1230, 1330, 1530, 1700, 1900, 2100; Sun 0400, 0530, 0630, 1100, 1330, 1700, 1900, 2100.

**REGIONAL STATIONS**

| Location | kHz* | kW | | kHz* | kW |
|---|---|---|---|---|---|
| Unknown | r615 | — | Kükesi | 998 | 15 |
| Rrogozhina | 648 | 15 | Korçe | 1206 | 10 |
| Kelcyra | 864 | 1 | Fier | 1260 | 1 |
| Unknown | r909 | — | Gjirokaster | 1305 | 15 |
| Korçe | 963 | 15 | Shkoder | 1323 | 15 |
| Puke | 972 | 20 | | | |

*) Most freqs are unstable.
**D.PRGR:** No recent information received. These st's carry relays of Tirana as well as local prgrs.

**EXTERNAL SERVICE**
**Mediumwaves:** Lushnje (G.C: 19.40E/40.57N): 1215/1458kHz 500kW, 1395kHz 1000kW. Other tr's: See Home Sce.
**FM:** 66.3/66.8/69.4/87.5MHz (relays of prgrs for neighouring countries and tourists).
**Shortwaves:** 50/100/120/240/500kW.

| kHz | kHz | kHz | kHz | kHz | kHz | kHz |
|---|---|---|---|---|---|---|
| 5985 | 7030 | 7145 | 7310 | 9520 | 11845 | 14320 |
| 6135 | 7065 | 7235 | 9375 | 9715 | 11905 | 15405 |
| 6150 | 7075 | 7275 | 9430 | 9750 | 11915 | 15415 |
| 6170 | 7080 | 7280 | 9480 | 9765 | 11935 | 15435 |
| 6180 | 7090 | 7290 | 9500 | 9790 | 11965 | 16230 |
| 6185 | 7120 | 7300 | 9515 | 10510 | 11985 | |
| 6200 | | | | | | |

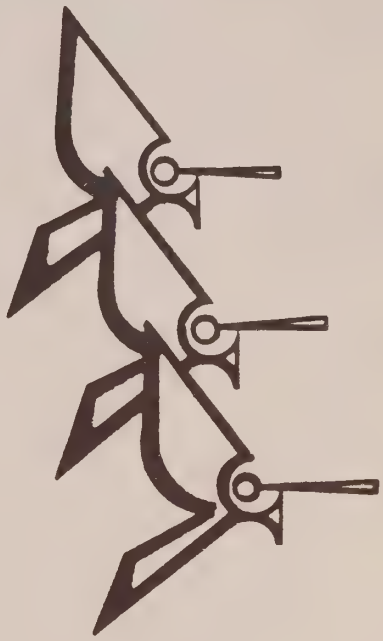
**Note:** Shortwave frequencies are observed to vary from the nominal by up to 10kHz.

**TO EUROPE**

| Albanian | kHz | Czech | kHz |
|---|---|---|---|
| 0400-0500 | 1215 | 2230-2300 | 7235, 1458 |
| 0600-0700 | 6200, 1215 | **English** | |
| 1000-1100 | 1215 | 0630-0700 | 9500, 7080 |
| 1300-1400 | 7090, 1458 | 1630-1700 | 9480, 7065 |
| 1800-1900 | 7090, 6170 | 1830-1900 | 9480, 7065 |
| **Bulgarian** | | 2030-2100 | 1395, 7065 |
| 0400-0430 | 7090, 6200 | 2200-2230 | 9480, 7065 |
| | 1359 | | 1395 |
| 1200-1230 | 7090, 1215 | **French** | |
| 1400-1430 | 7065, 6200 | 0500-0530 | 9500, 7065 |
| 1530-1600 | 7090, 6200 | 1500-1530 | 9480, 7065 |
| | 1215 | 1600-1630 | 9500, 7065 |
| 1700-1730 | 1215 | 1800-1830 | 9500, 7065 |
| 1900-1930 | 7090, 6200 | 2000-2030 | 9500, 7065 |
| 2100-2130 | 7090, 6200 | 2100-2130 | 9480, 7075 |
| | 1458 | | 1395 |
| **Czech** | | 2230-2300 | 9500, 1395 |
| 0600-0630 | 7310, 1395 | **German** | |
| 1230-1300 | 9375, 7290 | 0500-0530 | 7310, 1395 |
| 1400-1430 | 9375, 7310 | 1200-1230 | 9375, 7310 |
| 1600-1630 | 9375, 7310 | 1330-1400 | 9375, 7310 |
| 1900-1930 | 1395 | 1500-1530 | 9375, 7310 |
| 2100-2130 | 7310, 5985 | 1700-1730 | 9375, 7310 |


ADVENTIST WORLD RADIO

Preparing the whole man for Christ's second coming...body, mind, spirit.



REVELATION 14:6-12

A W R

Write for our schedule:

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NORTH AFRICA - MIDDLE EAST
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6100 Darmstadt 13, Germany

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Box 15, Poona 411001, India

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MURMANSK
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ARKHANGELSK
SYKTYVKAR
PERM
LULEÅ
OULU
SWEDEN
NAMSOS
YLIVIESKA
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PIETARSAARI
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PETROZAVODSK
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Lithuanian S.S.R.
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PRIŠTINA
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BURSA
GJIROKASTER
KOZANI
LARISSA
TURKEY
KERKYRA
JOANNINA
VOLOS
KARSIYAKA
GAZIANTEP
IZMIR
DEIR-EZ-ZAWR
PATRAS
ADANA
TARSUS
PALERMO
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LEFKOSA
SYRIA
CHANIA
IRAKLION
CYPRUS
LIMASSOL
IRAQ
BEIRUT
LEBANON
DAMASCUS
HAIFA
TEL AVIV
AMMAN
JERUSALEM
ISRAEL

| German | kHz |
|---|---|
| 1800-1830 | 7310, 9375 1395 |
| 2030-2100 | 7310, 6150 1458 |
| 2200-2230 | 7310, 1458 |
| **Greek** | |
| 0430-0500 | 7090, 6200 1458 |
| 1300-1330 | 7065, 1215 |
| 1400-1430 | 7090, 6200 1458 |
| 1630-1700 | 7090, 1215 |
| 1930-2000 | 7090, 6200 1215 |
| **Hungarian** | |
| 0630-0700 | 7310 |
| 1300-1330 | 9375, 7310 |
| 1530-1600 | 9375, 7310 |
| 1730-1800 | 7300, 1458 |
| 2000-2030 | 7310, 5985 |
| 2200-2230 | 7235, 1089 |
| **Italian** | |
| 0530-0600 | 7090, 1215 |
| 1130-1200 | 7090, 1215 |
| 1500-1530 | 7090, 1215 |
| 1800-1830 | 7080, 6200 1215 |
| 2030-2100 | 7090, 6200 |
| 2130-2200 | 7090, 1458 |
| 2230-2300 | 7090, 1089 |
| **Polish** | |
| 0530-0600 | 7310, 1395 |
| 0700-0730 | 7310 |
| 1430-1500 | 9375, 7310 |
| 1630-1700 | 9375, 7310 |
| 1930-2000 | 9375, 7310 |
| 2130-2200 | 7310, 5985 1395 |
| 2230-2300 | 7310, 5985 |
| **Portuguese** | |
| 0700-0800 | 9480 |
| 1930-2030 | 9430, 1395 |
| 2300-2400 | 9500, 6200 1458 |
| **Romanian** | |
| 0400-0430 | 9500, 7080 |
| 1330-1400 | 7065, 1395 |
| 1430-1500 | 9480, 7065, 1395 |
| 1700-1730 | 7090, 1395 |
| 1900-1930 | 9480, 7080 |
| 2130-2200 | 9480, 7075 |
| **Russian** | |
| 0030-0100 } 0300-0330 } | 9500, 7065 6200 |
| 0400-0430 | 7065 |
| 1130-1200 | 11965, 9480 |
| 1230-1300 | 11985, 9500 |
| 1330-1400 | 15405, 11985 9500 |
| 1500-1530 | 15405, 11985 9500, 1395 |
| 1730-1800 | 15405, 11845 9520, 7030 1395 |
| 1830-1900 | 15405, 14290 11845, 9500 7145, 7030 1395 |
| 1930-2000 | 15415, 11845 9480, 7065 |
| 2030-2100 | 15405, 11845 9500, 7075 |
| **SerboCroat** | |
| 0500-0530 | 7090, 6200 1215 |
| 1230-1300 | 7090, 1215 |
| 1400-1430 | 7090, 1458 |
| 1600-1630 | 7090, 6200 1215 |

| Serbo-Croat | kHz |
|---|---|
| 1730-1800 | 7090, 6200 |
| 2000-2030 | 7090, 1215 |
| 2200-2230 | 7090, 6200 |
| **Spanish** | |
| 0530-0630 | 9500, 7065 |
| 1530-1630 | 11985, 9480 |
| 2130-2230 | 11985, 9500 |
| 2300-2400 | 9430, 1395 |
| **Swedish** | |
| 0430-0500 | 7310, 9375 |
| 1830-1900 | 7310, 9375 |
| 2230-2300 | 9480 |

**TO MIDDLE EAST**

| Arabic | |
|---|---|
| 0330-0400 | 9500, 7065 1215 |
| 0430-0500 | 9500, 7065 |
| 1530-1600 | 9500, 7065 |
| 1700-1730 | 9480, 7065 |
| 1900-1930 | 9500, 7065 1215 |
| 2000-2030 | 7075 |
| **Persian** | |
| 0400-0430 | 7300 |
| 1730-1800 | 9500, 7235 |
| 2030-2100 | 11985, 9480 |
| **Turkish** | |
| 0300-0330 | 7300, 1215 |
| 1630-1700 | 11905, 9500 |
| 1800-1830 | 11905, 9480 |
| 1900-1930 | 7310, 9375 |
| 2100-2130 | 7500, 7065 |

**TO AFRICA**

| English | |
|---|---|
| 0430-0500 | 9480, 7300 |
| 1730-1800 | 15435, 11985 |
| 1930-2000 | 9500, 7075 |
| **French** | |
| 0600-0630 } 1200-1230 } | 11985, 7080 |
| 1700-1730 | 11905, 9500 |

**TO SOUTH EAST ASIA**

| Chinese | |
|---|---|
| 0500-0600 | 14320, 16230 |
| 1100-1200 | 10510, 16230 |
| 1300-1400 | 10510, 14320 |
| **Indonesian** | |
| 2300-2330 | 9790, 7300 |
| 0630-0700 | 7090, 6180 |
| 1200-1230 | 11935, 9515 |
| 1300-1330 | 11985, 9515 |
| 1430-1500 | 11985, 9500 |
| 1830-1900 | 7080, 6200 |

**ASIA/AUSTRALIA**

| English | |
|---|---|
| 0700-0730 | 11985, 9500 |
| 0930-1000 | 11985, 9500 |
| 1400-1430 | 11985, 9500 |

**TO NORTH AMERICA**

| Albanian* | |
|---|---|
| 0000-0100 } 0200-0300 } | 9790, 7300 6200 |
| **English** | |
| 0000-0030 | 9750, 7065 |
| 0130-0200 | 9750, 7120 |
| 0230-0300 | 9750, 7120 |
| 0330-0400 | 7300, 6200 |
| 1230-1300 | 11965, 9515 |

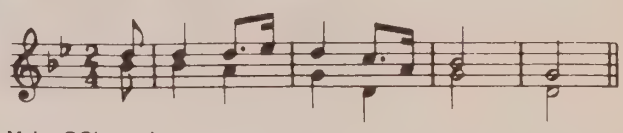
**TO CENTRAL AND SOUTH AMERICA**

| Portuguese | kHz | Spanish | kHz |
|---|---|---|---|
| 2300-2400 | 9750, 7065 | 1100-1200 | 11985, 9500 |
| 0100-0200 | 9500, 7065 | 0100-0200 | 9790, 7300 6200 |
| 1000-1100 | 11985, 9500 | 0300-0400 | 9750, 7120 |

*) Also to South and Central America.

**ANN:** Albanian: "Ju flet Tirana" — Chinese: Dilana guang bo dian tai".

**INT-SIG:** First 9 notes of national patriotic march "With Pickaxe and Rifle", played on two trumpets.



**V.** by QSL-card.

# ANDORRA

**L.T.:** UTC + 1h — **Pr.L:** Catalan, French, Spanish.

## SUD RADIO (Comm.)

**ADDR:** 7 avenue Merixtell, Andorre la Vieille. **Te:** 20260.
**L.P:** Dir. Gen: Thierry Bernard.
**STATION** (G.C: 01.45E/42.35N): 819kHz 900kW — **Relay st's in France:** Toulouse (Gauré) & Pau (Seron) both 819kHz (see "France").
**D.PRGR. in French:** 0500-2130. **N:** on the half h.
**ANN:** F. & Catalan: "Ici Sud Radio, Andorra" — **V.** by QSL-card Rp.

## RADIO ANDORRA (Comm.)

**ADDR:** B.P. 1, Andorre la Vieille.
**STATION:** 702kHz 300kW — 1x10kW & 1x3kW SW-tr's.
St. inactive at time of editing.

# AUSTRIA

**L.T:** UTC + 1h (Su: UTC + 2h) — **Pr.L:** German
**E.C:** a/c 50, 220/380V (yes).

## ÖSTERREICHISCHER RUNDFUNK (ORF)

**ADDR:** 1136 Wien Würzburggasse 30. **Te:** 82910. **Cable:** ORF.
**L.P:** Dir. Gen: Gerd Bacher. Adm. Dir: Dr. Walter Skala. Tech. Dir: Dipl. Ing. Norbert Wassiczek. Dir. of Radio Prgrs: Ernst Grissemann.

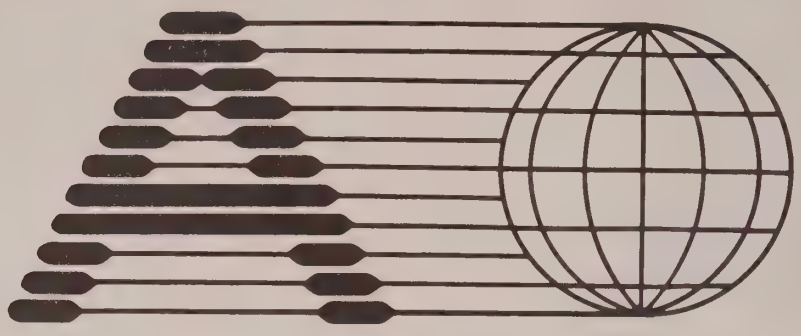
**MEDIUMWAVES:**

| | kHz | kW | | kHz | kW |
|---|---|---|---|---|---|
| Wien-Bisamberg | 585 | 600/240* | Linz-Kronstof | 1026 | 100* |
| Dornbirn-Lauterach | 1026 | 50 | Wien-Bisamberg | 1476 | 600* |

*) night only.

**Low Power sts** (0.05kW): 774kHz (2 st's), 963kHz (2), 1026kHz (1), 1053kHz (1), 1314kHz (1), 1602kHz (1).

| FM | Ö-1 | Ö-Reg | Ö-3 | kW |
|---|---|---|---|---|
| Dobratsch (Klagenfurt) | 92.8 | 97.8b | 101.2 | 100 |
| | | | 90.4 | 60 |
| Dünserberg (Bludenz) | 87.6 | 96.0h | 98.9 | 4 |
| Gaisberg (Salzburg) | 90.85 | 94.8f | 99.0 | 75 |
| | | 101.0d | | 8 |
| Goldeck (Spittal-Drau) | 91.6 | 103.9b | 87.9 | 3 |
| Hauser Kaibling (Schladming) | 94.3 | 96.3f | 100.7 | 4 |
| Heuberg (Mattersburg) | — | 96.4a | — | 1.2 |
| Hirschenstein (Rechnitz) | 90.6 | 93.6a | 87.9 | 3 |
| | | 97.4f | | |
| Jauerling (Sankt Pölten) | 97.0 | 91.4c | 89.4 | 100 |
| Kahlenberg (Wien) | 91.9 | 97.9c | 99.9 | 100 |



AUSTRIAN SHORT WAVE SERVICE

ORF

The AUSTRIAN SHORT-WAVE SERVICE comes to you from Vienna, the capital of neutral Austria in the heart of Europe. We broadcast in German, English, French and Spanish. Transmissions around the clock cover news, music, and feature programmes.

Write to: ORF-Kurzwelle, A-1136 Vienna, Austria.

| FM | Ö-1 | Ö-Reg | Ö-3 | kW |
|---|---|---|---|---|
| Kahlenberg (Wien) | | 89.9i | | 100 |
| | | 94.4a | | 2 |
| | | | 102.2 | 5 |
| Kitzbüheler Horn (Kufstein) | 97.5 | 95.4g | 101.8 | 5 |
| Lichtenberg (Linz) | 97.5 | 95.2d | 88.8 | 100 |
| | | 90.2c | | 10 |
| Mugel (Bruck Mur) | 87.6 | 93.2f | 98.7 | 20 |
| Patscherkofel (Innsbruck) | 92.5 | 96.4g | 88.5 | 50 |
| Pfänder (Bregenz) | 93.3 | 98.2h | 89.65 | 100 |
| Rauchkofel (Lienz) | 89.35 | 93.8b | 99.3 | 1 |
| | | 95.9g | | 1 |
| Schöckl (Graz) | 91.2 | 95.4f | 89.2 | 100 |
| Schärding | — | 99.5d | — | 4 |
| Sonnwendstein (Semmering) | 90.4 | 95.8c | 88.2 | 5 |
| Stradnerkogel | — | 94.6a | — | 2 |
| Wachberg (Weitra) | 92.7 | 95.7c | 98.2 | 1 |

+ low powers 156 (OE1), 171 (OER), 158 (OE3).

**OE-1:** 0500-2305 on 585/1026kHz + FM; 0500-0700 & 1500-2305 (Su: 1600-2205) on 1476kHz. **N:** 0500, 0700, 0800, 0900 (W), 1200 (Sun), 1400 (W), 1600 (W), 1700 (Sun), 1800 (Sun), 2100 (Sat/Sun), 2300.
**Newsreel:** Mon-Fri 0600, 1100, 1700, 2100; Sat 0600, 1100.
**Ö-Reg:** Key to regional sces (studios in brackets): a) Burgenland (Eisenstadt), b) Kärnten (Klagenfurt), c) Nieder-Österreich, d) Ober-Österreich (Linz), e) Salzburg (Salzburg), f) Steiermark (Graz), g) Tirol (Innsbruck), h) Vorarlberg (Dornbirn), i) Wien (Wien).
**OE-R:** Mon-Fri 0400-2125, Sat 0400-2305, Sun 0500-2100. **N:** W 0400, 0500, 0700, 0900, 1103, 1600, 1900, 2100, 2300 (Sat); Sun 0500, 0700, 1130, 1900, 2100. **Local Prgrs:** W 0505-0700, 1000 (Sat 1020)-1030, 1700-1800, 1807-2000 (Fri), 1820-1900 (some st's), 1905-2100 (Wed/Thurs), 2005-2100 (Mon); Sun 0605-0700, 1200-1500, 1600-1800.

**Ö-3:** 24h. (on 1476kHz: 2305-0500). **N:** on the h.
**Special Prgr. in English/French** ("Blue Danube Radio") on Wien 102.2MHz: 0600-0800, 0800-0900 (rel. Ext. Sce), 1100-1300, 1700-1830, 1830-1900 (rel. Ext. Sce).
**ANN:** "Österreich 1" — "Österreich Regional, Radio . . . (Wien, Nieder -Österreich, Tirol. . .)" — "Österreich III" — **INT-SIG:** Österreich I: From the Austrian National Anthem — Österreich Regional: Extract from ballet music from "Rosamunde" by Franz Schubert — Österreich III: Electronic Music.
**FI:** By license payments and adv — **AD:** Prgr. 1: free of advertising. Prgr. III max. 120 mins per day. **ALF:** Ö. Sch. 556,-(Radio).

**EXTERNAL SERVICE**

**ADDR:** ORF-Shortwave Service, A-1136 Vienna.
**Te:** (0222) 8291-2130. **Telex:** 13-2397.
**L.P:** Dir: Dr. Alfred Macher. Mgr. Tr. St: Herbert R. Leutgeb.
**STATIONS:** Moosbrunn (G.C: 16.28 E/48.00 N):
1 × 500/300kW, 3 × 100kW, 1 × 100/50kW, 1 × 10kW.

| kHz | kHz | kHz | kHz | kHz | kHz | kHz |
|---|---|---|---|---|---|---|
| 5945 | 7155 | 9580 | 9770 | 11755 | 12025 | 15320 |
| 6000 | 7165 | 9635 | 11660 | 11835 | 15270 | 15410 |
| 6155 | 7170 | 9650 | 11665 | 12015 | 15275 | 15460 |
| 7130 | 9540 | 9760 | | | | |

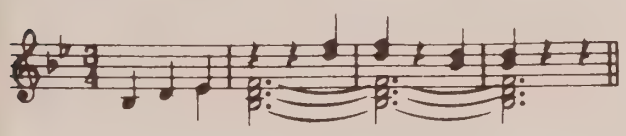
**Areas:** I = Europe; II = No. Europe; III = So. Ea. Europe; IV = So. We. Europe; V = Ea. Asia; VI = Australasia; VII = So/So. Ea. Asia; VIII = Middle East; IX = Ea. Africa; X = So. Africa; XI = We. Africa; XII = So. America; XIII = So. America (Ea); XIV = Ce. America/Caribbean; XV = No. America; XVI = No. America (Ea); XVII = No. America (We).
Freq's in bold = 500kW, °)SSB (reduced carrier), +)300kW, *)50/10kW, others 100kW. Behind frequencies in brackets: Antenna direction in degrees, clockwise from true north.

**Schedule Nov 4th 1984 — March 3rd 1985**

| Europe | Area | kHz (Beam) | | Area | kHz (Beam) |
|---|---|---|---|---|---|
| 0500-2300 | I | *6000 (nd) | 1700-1900 | I | **6155°** (nd) |
| 0500-0700 | | +6155 (nd) | 1900-2300 | | 5945 (nd) |
| 0700-1700 | | 6155 (nd) | 2100-2300 | | 7130 (nd) |
| 1300-1500 | | 7165 (nd) | | | |

| Europe | Area | kHz (Beam) | Overseas | Area | kHz (Beam) |
|---|---|---|---|---|---|
| 0900-1200 | III | 7170 (160) | 1700-1900 | IX | 11660 (140) |
| 1200-1300 | II | 9770 (0) | | X | 15460 (170) |
| 1300-1700 | IV | 12015 (240) | 1900-2100 | X | **11835** (170) |
| 1900-2100 | | 11660 (230) | | XI | 11660 (230) |
| **Overseas** | | | 2100-2300 | XIII | **9540** (240) |
| 0600-0900 | VIII | 15410 (115) | | | 11665 (235) |
| 0700-0900 | VI | +15270 (265) | 2300-0200 | XII | 9760 (255) |
| 1000-1200 | V | 11660 (55) | | | +11755 (235) |
| | VI | **15275** (85) | 0000-0400 | XV | 5945 (310) |
| 1200-1300 | XVI | +15320 (295) | | XVI | 9770 (303) |
| 1300-1500 | V | **7155** (50) | 0200-0400 | XIV | **9580** (275) |
| 1500-1700 | VII | **9650** (95) | 0400-0600 | XVII | 5945 (325) |
| | | 12025 (95) | | | 9635 (325) |
| 1700-2000 | VIII | 11660 (115) | | | |

**Prgrs. in German:** 0500-0530, 0600-0800, 0900 (Sun 0915)-0930, 1000-1030, 1100-1230 (Sun 1200), 1300-1330 (V), 1330 W (I/IV), 1400-1410 (Sun 1405), 1600-1610, 1630-1830 (Sat/Sun 1805), 1900-1930, 2030 (Sat/Sun 2100)-2130, 2200-2230, 2330-(Sat/Sun 0000)-0100, 0200-0300, 0300-0330 (Sun), 0400-0430.
**Prgrs. in English:** 0830-0900, 1030-1055 (V/VI), 1230 (Sun 1200)-1300, 1330-1400 (V), 1500-1530, 1830 (Sat/Sun 1805)-1900, 2130-2200 (I), 0130-0200 (XV/XVI), 0330 (Sun 0305)-0400 (XV/XVI), 0430-0500 (XVII).
**Prgrs. in French:** 0800-0830, 1530-1600, 1930-2000, 0100-0130 (XV/XVI).
**Prgrs. in Spanish:** 1300-1330 (Sun 1400, I/IV), 2000-2030 (Sat/Sun 2100), 2130-2200 (XIII), 2300-2330 (Sat/Sun 2400), 0100-0130 ( Sun/Mon 0200, XII/XIII), 0330-0400 (Sun/Mon 0400, XIV).
**General Prgrs and Music** (in German): 0530-0600 (Sun 0545), 0930-1000 (Sun 0945), 1030-1055 (I/III), 1330-1400 (exc. Sun, I/IV), 1410 (Sun 1405)-1500, 1610-1630, 2230-2300, 0130-0200 (exc. Sun/Mon, XV/XVI), 0300-0330 W (XV/XVI), 0330-0400 (exc. Sun/Mon, XIV).
**Tourist Information** (in G, incl. SOS-calls etc): 0645, 1055, 1555 (I/IV).
**Esperanto:** Sun 0545-0557 & 0945-0957.
**DX-PRGRS: German:** Sun 0915 (exc. 1st Sun of month), 0925, 1445 (exc. 1st Sun of month), 1720; Mon 1805; Sat 1333.
**English:** Sun 0900, 1030 (V/VI), 1230, 1330 (V), 1500, 1805; Mon 0430 (XVII).
**French:** (fortnightly): Fri 1530, 1930; Sat 0100 (XV/XVI), 0800.
**Spanish:** Wed 1300 (I/IV), 2000, 2130 (XIII), 2300; Thurs 0100 (XII/XIII), 0300 (XIV).
**ANN:** "Österreichische Kurzwelle-Wien" — "Austria calling from Vienna" — "Autriche ondes courtes-Vienne" — "Austria en onda corta-Viena".
**INT-SIG:** "An der schönen blauen Donau". Waltz by Johann Strauss II.



**V.** by QSL-card on request; re. and rec. appreciated to: Austrian Radio, SW-Service, A-1136 Vienna. Report sheets available; latest schedule free on request.

### SCHULUNGSSENDER DES ÖSTERREICHISCHEN BUNDESHEERES

**ADDR:** Sendeleitung, P.O. Box 289, A-1010 Wien.
**STATION:** 5035kHz 10kW.
**D.Prgrs. in German:** Mon-Fri 0930-1430 — **Morse-Course:** 1000-1030, 1230-1300 — **Information/Music:** 0930-1000, 1030-1230, 1300-1430.
**V.** by QSL-card.

## AZORES (Portuguese)

**L.T:** UTC - 1h (Su: UTC) — **Pr.L:** Portuguese.
**E.C:** a/c 50, 220/380V (no).

| MEDIUMWAVES | kHz | kW | | kHz | kW |
|---|---|---|---|---|---|
| 4) Lajes | 648 | 10 | 1) Horta | 1259 | 1 |
| 1) Terceira | 693 | 10 | 2) Angra do Heroísmo | 1394 | 1 |
| 1) Barossa | 837 | 10 | | | |
| 2) Angra do Heroísmo | 909 | 10 | 5) Lajes | 1500 | 0.1 |
| | | | 3) Vila de Porto | 1566 | 10 |

**FM:** 1) Terceira 90.5MHz 5kW, Barrosa 94.1MHz 1kW, Horta 94.7MHz 0.05kW, Barrosa 97.9MHz 5kW — 5) 96.1MHz 0.05kW.
**Addresses & other information:** St's 2) and 3) are comm.
1) **Radiodifusão Portuguesa, Centro Regional da R.D.P. — Açores,** Av. Gaspar Frutuoso, 9500 Ponta Delgada, S. Miguel. **Te:** 22624 — **D.Prgr:** 0745-0200 (incl. relay of RDP-1 Lisboa) — **Ann:** "Centro Regional dos Açores da RDP" — **Int-Sig:** Regional Hymn — **V.** by letter or QSL-card.
2) R. Clube do Angra (CSB80), Ap. 12, Angra do Heroísmo, Terceira. **Te:** 23102. **Cable:** Radioclub — Dir.Tec: António Santos Caiado — **D.Prgr:** 0700-2400. **N:** 0730, 0815, 1100, 1300, 1800, 2000, 2345 (incl. rel. of R. Renasçenca, Lisboa) — **Ann:** Aqui estação CSB80 do R. Clube do Angra (A Voz da Terçeira)" — **Int-Sig:** Viola — **V.** by letter Rec. acc.
3) Emissora do Club Asas do Atlântico (CSB81), Aeroporto de Santa Maria. **Te:** 82182. **Cable:** Asas Asmaria — Pres: A.J. Cordeiro dos Barros. Dir. Tec: M. Ricardo — **D.Prgr:** 0800 (Sun. 1100)-0100. **N:** 1300, 2100, 2200 & rel. R. Renascença, Lisboa. **Wrp:** 1400, 1600, 1900 — **Ann:** "Estaçao Emissora do Club Asas do Atlântico — **V.** by QSL-card or letter — **Int-Sig:** Opens and closes with music played on a Portuguese string instrument (viola).
4) R. Lajes (Portuguese Air Force), Rua Rainha D. Amélia 70, 1°, Angra do Heroismo, Terçeira — **D.Prgr:** 0800-2300. **N:** rel. R. Renascença, Lisboa — **Ann:** "Aqui Rádio Lajes" — **V.** by letter.
5) AFRTS (U.S. Air Force), Detachment 3, Air Force European Broadc. Squadron, APO New York, NY 09406, USA — St. Mgr: Donald M. Conniff. **D.Prgr. in English:** 24h. (FM st. carries separate prgrs of adult contemporary music).

## BELGIUM

**L.T:** UTC + 1h (Su: UTC + 2h) — **Pr.L:** Dutch, French, German.
**E.C:** a/c 50, 220V (yes).

### BELGISCHE RADIO EN TELEVISIE (BRT)
### Dutch Language Network

Public Sce. grants by Flemish Council.
**ADDR:** Omroepcentrum, B-1040 Brussels. **Te:** 737 31 11.
**Cable:** BRT Brussels. **Telex:** 22486 BRTBIN B.
**L.P:** Adm. Gen: P. Vandenbussche. Dir. Gen (Radio): J. Op De Beeck. Dir. BRT-1: A. Waterschoot. Ag. Dir. BRT-2: W. Op De Beeck. Dir. BRT-3: J. Verhaeghe. Tech. Dept. Dir. Gen: M. Gewillig.
**MEDIUMWAVES** (R = Regional Prgr)

| Station | kHz | Prgr. | kW |
|---|---|---|---|
| Waver-Overijse | 540 | 2 | 150/50 |
| Wolvertem | 927 | 1 | 300 |
| Kuurne | 1188 | 2 | 5 |
| Wolvertem | 1512 | 2+R+Ext | 600 |

**FM:** (all freqs in MHz) all prgrs. in stereo.

| Station | 1 | 2 | 2+R | 3 | kW |
|---|---|---|---|---|---|
| Egem | 95.7 | 98.6 | 100.7 | 90.4 | 50 |
| Genk | 99.9 | 97.9 | | 89.9 | 10 |
| Schoten | 94.2 | 97.5 | | 89.0 | 10 |
| Veltem | 91.7 | 93.7 | 102.8* | 89.5 | 50/20* |

**BRT-1:** 0430 (Sun 0530)-2245. **N,Wrp:** 0500, 0530, 0600, 0630, 0700 and hourly to 1800, 1930, 2100, 2240.
**BRT-2:** 0430 (Sun 0530)-2245. **N,Wrp:** 0500, 0530, 0600, 0630, 0700, 0800, 0900, 1200, 1600, 1800, 2100, 2240.
**Regional Prgrs:** "Studio Brussel" on 1512kHz + 102.8MHz: Mon-Fri 1500-1800.
**BRT-3:** 0700-2245. **N,Wrp:** 0700, 0800, 1200, 1800, 2240.
**ANN:** "Belgische Radio en Televisie, BRT-1, BRT-2 or BRT-3"
**INT-SIG:** First bars of Beiaardlied (Extract from Rubens Cantata by Peter Benoit).
**ALF:** Radio 768, — Brfcs.

**INTERNATIONAL PROGRAMMES** (Shortwave Service)
**ADDR:** BRT, P.O. Box 26, B-1000 Brussels. **Te:** 737 3805.
**Cable:** BRT Brussels. **Telex:** 22486 BRTBIN B.
**L.P:** Dir. Int. Prgrs: J. Peeters. Dir. Int. Rel: J. Coolsaet.
**MEDIUMWAVE:** Wolvertem 1512kHz 600kW.
**SHORTWAVES:** ORU2: 250kW; ORU4: 100kW.

| kHz | kHz | kHz | kHz | kHz | kHz |
|---|---|---|---|---|---|
| 5895 | 9620 | 9925 | 11985 | 17595 | 21810 |
| 5910 | 9875 | 11695 | 15590 | 17610 | 21815 |
| 6015 | 9880 | | | | |

**AREAS:** I = Africa; II = Europe; III = Far East; IV = No. America; V = So. America; a) Mon-Fri, b) Sun, W) Weekdays.

| Dutch | Areas | kHz |
|---|---|---|
| 0430-0555W | I | 6015/9620 |
| 0530-0650 | I | 11985/9620 |
| 0600-0715W | I/III | 11985/21810 |
| 0700-1230b | I | 17595/21815 |
| 0800-0905a | II | 6010/11695 |
| 1100-1230W | I | 17595/21815 |
| 1235-1300 | I/III | 21810/21815 |
| 1330-1400a | II/IV | 21810/17610 |
| 1330-1700b | I/II | 17595/11695 |
| 1700-1750 | I/II | 15590/11695 |
| 1800-1915W | I/II | 1512/5895/15590 |
| 1800-1910b | I/II | 1512/5895/15590 |
| 1930-2130b | I/II | 1512/5895/9875 |
| 2000-2130W | I/II | 1512/5895/9875 |
| 2300-2400 | IV/V | 5910/9925 |
| **English** | | |
| 0715-0800 | III/IV | 21810/9880 |
| 1400-1445a | III/IV | 21810/17610 |
| 1915-2000W | I/II | 1512/5895/15590 |
| 1910-1930b | I/II | 1512/5895/15590 |
| 2200-2245 | I/II | 1512/5895/9875 |
| 0030-0115 | IV/V | 5910/9925 |
| **Spanish** | | |
| 2130-2200 | II/V | 1512/5895/9875 |
| 0000-0030 | IV/V | 5910/9925 |

Freqs subject to modifications. When summertime is in force all prgrs will be one hour earlier.
**DX-Prgrs:** (Editor: Frans Vossen): **English:** Sun & Wed in all tr's: **Spanish:** Sun 2130, Mon 0000.
**Mailbag in English:** Tues/Sat in all tr's.

**ANN:** Dutch: "Hier is Brussel, de Belgische Radio en Televisie de Wereldomroep van de Vlaamse gemeenschap in België". E: "This is Brussels, the International Sce. of the Belgische Radio en Televisie, the radio network of the Flemish community in Belgium". Sp: "Aqui Bruselas presentendo desde Bruselas por la BRT, emisora nacional Belga de la comunidad Flamenca de Bélgica".
**INT-SIG:** Starting: "t Kwezelken". Closing: "Groeninge"
**V.** for all Radio and TV networks by QSL-card (B). Rec. acc. (Re. to Int. Sce.) **PUB:** Detailed schedule (Free).

## RADIO-TÉLÉVISION BELGE DE LA COMMUNAUTE FRANCAISE (R.T.B.F.)

**French Language Network**
Public sce. Grants by Parliament through French language Council.
**ADDR:** Cité de la Radio-Television, B-1040 Brussels. **Te:** 737 21 11. **Cable:** RTBF Brussels.
**L.P:** Admin. Gen: R. Wangermée. Dir. Radio: Ph. Dasnoy. Dir. Coordin. RTBF-1, RTBF-2, RTBF-3 & RTBF Intern: J.C. Mignon. Tech. Dept: Chief Eng: R. Hauseux & A. Dehon. Dir. Fabrication: L. Verbouw. Int. Rel: C. Vial.
**Regional Centres:** Palais des Congrès, B-4000 Liège; Jardin du Mayeur, B-7000 Mons; Ave. Golenvaux 8, B-5000 Namur.

| Mediumwaves | kHz | Prgr | kW |
|---|---|---|---|
| Wavre | 621 | 1 | 300 |
| La Louvière | 1125 | 2 | 10 |
| Liège | 1233 | 2 | 5 |
| Marche | 1305 | 2 | 10 |

| FM (MHz) | I | II | III | IV | kW |
|---|---|---|---|---|---|
| Anderlues | — | 92.3 | 96.6 | 90.8 | 2×50/10 |
| Brassegem | — | — | 96.1 | 93.2 | 3/10 |
| Léglise | 87.6 | 91.5 | 94.1 | 100.6 | 3×10/5 |
| Liège | — | 90.5 | 99.5 | 102.4 | 2×50/12 |
| Liège | 88.5 | — | — | — | 10 |
| Profondeville | — | 92.8 | 98.3 | — | 10/20 |
| Tournai | — | 99.1 | 102.5 | — | 5/0.1 |
| Verviers | — | 95.6 | — | — | 0.1 |
| Wavre | — | 91.2 | — | — | 1 |

**RTBF-1:** 0428 (Sat/Sun 0528)-2245. **N,Wrp:** 0430, 0500, 0530, 0600, 0630, 0700, 0800 and hourly to 1900, 2100, 2200, 2240.
**RTBF-2:** 0428 (Sun 0528)-2400. **N,Wrp:** 0430, 0500, 0600, 0700, 0800, 1000, 1200, 1300, 1600, 1700, 2100, 2200, 2240. Rel. RTBF-1: W 0458-0530.
**Reg. Prgrs:** W 0530-0800 (exc. Fri), 1600-1730 (exc. Sat); Fri 1900-2200 — R. Hainaut (Mons) on 1125kHz + 92.3/99.1MHz — R. Liège on 1233kHz + 90.5MHz — R. Namur on 1305kHz + 91.2/91.5/92.8MHz.
**RTBF-3:** 0558-2245. **N,Wrp:** 0600, 0630, 0700, 1200, 1700, 1900, 2240.
**Radio 21:** 24h on FM IV tr's
**ANN:** "Radio-Télévision Belge de la Communauté Française premier, deuxième, troisième prgr ou Radio 21" — **INT-SIG:** Xylophone: Extract from Gretry's famous melody: "Ou peut on être mieux?"
**V.** by QSL-card. (Re. to Room 4U44). (Reg. centres: by letter).

## INTERNATIONAL SERVICE

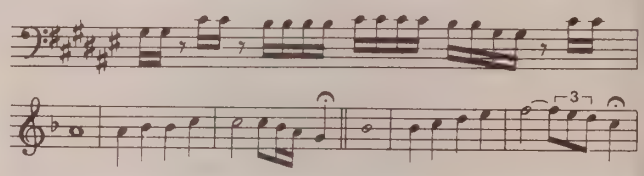
**ADDR:** P.O. Box 202, B-1040 Brussels. **Te:** (2) 737 40 36.
**Cable:** R.T.B.F. International. **Telex:** 63132.
**L.P:** Head: J. Dessart.
**STATIONS:** ORU 1 250kW, ORU 3 100kW.

| kHz | kHz | kHz | kHz | kHz | kHz | kHz |
|---|---|---|---|---|---|---|
| 5965 | 9900 | 11780 | 15210 | 17675 | 17680 | 21460 |
| 6050 | | | | | | |

All tr's in French, except N. in German at 1130.
**Areas:** I = Africa, II = Europe.

| Times | ORU1 | ORU3 |
|---|---|---|
| **Weekdays** | **kHz/Areas** | **kHz/Areas** |
| 0430-0615a | 9900(I) | 11780(I) |
| 0500-0615b | 9900(I) | 11780(I) |
| 0630-0730a | 17675(I) | 15210(I) |
| 0630-1045b | 17675(I) | 15210(I) |
| 1030-1300a | 17680(I) | 5965(II) |
| 1100-1255b | 17680(I) | 5965(II) |
| 1600-1845a | 17680(I) | 6050(II) |
| 1900-2105b | 9900(I) | 11780(I) |
| **Sunday** | | |
| 0530-0615 | 9900(I) | 11780(I) |
| 0630-1045 | 17675(I) | 15210(I) |
| 1100-1255 | 17680(I) | 5965(II) |
| 1300-1555 | 21460(I) | 5965(II) |
| 1600-1845 | 17680(I) | 6050(I) |
| 1900-2105 | 9900(I) | 11780(II) |

a) Mon-Fri, b) Sat
Freqs subject to alteration. When summertime is in force all prgrs will be one hour earlier.
**N.** in French: W 0430, 0500, 0530, 0600, 0630, 0700, 1030*, 1200, 1600*, 1800, 2100 — *) own bulletin, others rel. RTBF 1 (Home Sce). **N. in German:** 1130 (rel. BRF, Home Sce.)
**DX-Prgr:** Fri 1730, Sun 1230 (DX Editor: Frans Vossen).
**ANN:** "Ici Bruxelles, RTBF Internationale, La Voix de l'Amitié".
**INT-SIG:** Starting: Talking drum and Xylophone — Closing: Bel-



gian National Anthem, "La Brabançonne" — **V.** by QSL-card. Rec. acc. (B). (Re. to Room 3M57) — **PUB:** Detailed schedule (free).

## BELGISCHES RUNDFUNK-UND FERNSEHZENTRUM FÜR DEUTSCHSPRACHIGE SENDUNGEN (BRF)

**German Language Network** (Public Sce.)
Grants by RDG-Rat der deutschsprachigen Gemeinschaft (German speaking community council).
**ADDR:** Herbesthaler Str. 82, B-4700 Eupen. **Te:** (0032) 087/74111. **Cable:** 49427 Brf eu b. (Regional addr: Malmedyer Str. 25, B-4780 St. Vith).
**L.P:** Pres. of Admin. Council: H. Cremer. Dir. of BRF: P. Moutschen. Chief Editor: P. Thomas.
**FM:** Liège 88.5MHz 50kW, St. Vith 94.9MHz 5kW, Auel/Steffeshausen 100.5MHz 0.2kW.
**D.PRGR:** 0530-1900 (Thurs/Sat/Sun 2000). **N,Wrp:** 0530, 0600, 0700, 0800, 1000, 1130*, 1300, 1500, 1600, 1700, 1730, 1900, 2000 (Thurs/Sat/Sun). *) rel. on SW by RTBF International Sce.
**ANN:** "Hier ist der Belgische Rundfunk, sendungen in deutscher Sprache" — **V.** by QSL-card.

## AMERICAN FORCES NETWORK, SHAPE

**ADDR:** Bldg. 318, 7010 Shape. (APO 09088). **Te:** 065/44 41 21.

**L.P:** Officer-in-Charge: Capt. Daniel J. Wolfe. Prgr. Dir: Harold B. Kelley. Broadc. Superv: SFC James Paul.

| STATIONS | MHz | kW | | MHz | kW |
|---|---|---|---|---|---|
| Kleine Brogel | 100.7 | 0.05 | SHAPE | 101.5 | 4 |
| Brussels | 100.8 | 0.9 | SHAPE | 103.3* | 4 |

*) = AFN-2, 24h easy listening stereo prgr.
**D.PRGR:** Mon-Fri 0500-0900, 1500-1700; Sat 0700-1100. All other times relay AFN Europe.
**V.** by QSL-card.

## BULGARIA (People's Rep. of)

**L.T:** UTC + 2h (Su: UTC + 3h) — **Pr.L:** Bulgarian — **E.C:** a/c 50 (yes).

### COMMITTEE FOR TELEVISION & RADIO
### Bulgarian Radio (Gov.)

**ADDR:** Bul. Dragan Cankov 4, 1421 Sofia 21. **Te:** 8541. **Cable:** Bulgarradio. **Telex:** 22557.
**L.P:** Chmn: Stephan Tihchev. Dep. Chmn: Ilcho Bacharov, Krasimir Drumeu. Dep. Chmn (Tech. Affairs): Simeon Tzenov. Head, Int. Rel. Dept: Todor Markov.

**MEDIUMWAVES**

| Location | P | kHz | kW | Location | P | kHz | kW |
|---|---|---|---|---|---|---|---|
| Vidin | 2 | 576 | 500 | Stara-Zagora | 2+R | 873 | 30 |
| Pleven | 1 | 594 | 250 | Pleven | 2 | 945 | 30 |
| Plovdiv | 2+R | 648 | 30 | Dragoman | 1 | 963 | 150 |
| Silistra | 1 | 711 | 1 | Kârdžali | 1 | 1017 | 30 |
| Petrič | 1 | 747 | 500 | Stara-Zagora | 1 | 1161 | 500 |
| Stolnik | 1+R | 774 | 50 | Sofia | 1 | 1161 | 150 |
| Varna | 1+R | 774 | 30 | Vidin* | 1 | 1224 | 500 |
| Sofia | 2 | 828 | 150 | Kârdžali | 2+R | 1296 | 150 |
| Šumen | 2 | 828 | 500 | Šumen | 1+R | 1377 | 30 |
| Kjustendil | 2+R | 864 | 30 | | | | |

*) with directional aerial beamed to So. Europe, Africa and Near East. Also carries Foreign Sce. R) carries regional prgrs (see below).
**SHORTWAVE:** Stolnik 7670kHz 15kW, Plovdiv 11765kHz 250kW (rel. Prgr. 1).
**FM:** 3rd prgr. is stereo.

| Location | I | II | III | kW |
|---|---|---|---|---|
| Belogradčik | 67.88 | 66.32 | 67.10 | 6 |
| Botev Vrâh | 70.88 | 72.44 | 71.66 | 60 |
| Burgas | 67.58 | 66.02 | 66.80 | 25 |
| Kârdžali | 67.40 | 66.62 | 65.84 | 10 |
| Kjustendil | 67.76 | 66.20 | 66.98 | 6 |
| Plovdiv | | 68.36° | | 3 |
| Silven | 71.24 | 72.80 | 72.02 | 10 |
| Smoljan | 67.19 | 66.41 | 67.97 | — |
| Sofia | 67.28 | 69.26 | 71.45° | 10 |
| | 103.40 | | | — |
| St. Zagora | | | 70.22 | 5 |
| Šumen | 72.00 | 72.56 | 69.80 | 10 |
| Varna | 67.31 | 68.09 | 69.41 | 10 |

°) carries regional prgrs (see below).

#### HOME SERVICE

**Prgr. 1 ("Horizont"):** 24h music and news: **N:** Every half h. Relay Moscow in Bulgarian: 1530-1600 (W), 1330-1400 (Sun).
**Prgr. 2 ("Christo Botev"):** 0400-2200. **N:** 0530, 0830, 1030, 1430 (Sun 1400), 1630, 1830, 2030, 2120.
**Prgr. 3 ("Orphay"):** (Stereo) on FM: 1400-2200. **N:** 1600, 1900, 2100.

#### REGIONAL STATIONS

**Blagoevgrad:** 0400-2200 on 864kHz. Own prgrs: 0400-0500, 1330-1400, 1700-1800. Other times relay Prgr. 2.
**Plovdiv:** 0300-2330 on 648kHz + 68.36MHz. Own prgrs on 648kHz: 0330-0600, 1330-1400 (W), 1500-1700. On FM: Mon-Fri 0915-1000, Sat 0900-1000. **N:** 0500, 1640 (Sun 1630). Relay Prgr 1: 0300-0330, 0430-0440, 2200-2330. Other times relay Prgr. 2.
**Sofia:** Own prgrs on 774kHz + 71.45MHz: W 1110-1200.
**Šumen:** 0100-0030 on 1377kHz. Own prgrs: 0500-0600, 1330-1400 (W), 1600-1700. **N:** 0555 (W), 1640. A special prgr. in Turkish: 0400-0500, 1000-1100, 1700-1800.
**Kârdžali:** Turkish on 1296kHz (as Šumen 1377kHz).
**Stara Zagora:** 0330-2200 on 873kHz. Own prgrs: 0330-0600, 1330-1700. **N:** 0400 (W), 1640 (W). Other times relay Prgr 2.
**Varna:** 0230-0030 on 774kHz. Own prgrs: 0330-0600, 1330 (Sun 1400)-1700. **N:** 0430, 1630 (W). A special prgr. for holidaymakers on the Black Sea (May-October each year): 0700-1000 in Czech, English, French, German, Polish and Russian. Other times relay Prgr 1 — **V.** by QSL-card.
**V.** by QSL-card or letter (regional st's only). Use Russian if possible.

#### FOREIGN SERVICE

**MEDIUMWAVE:** Vidin (G.C: 22.40E/43.39N) : 1224kHz 500kW.
**SHORTWAVES:** Stolnik (G.C: 23.35E/42.42N) : 1 × 150kW SW-tr; Kostinbrod (G.C: 23.13E/42.49N) : 100/250kW; Plovdiv (G.C: 24.42E/42.10N) : 2 × 500kW SW-trs.

| kHz | kHz | kHz | kHz | kHz | kHz | kHz |
|---|---|---|---|---|---|---|
| 6070 | 7115 | 7280 | 9665 | 9755 | 11765 | 11870 |
| 6085 | 7135 | 9560 | 9700 | 11720 | 11840 | 15385 |
| 6135 | 7155 | 9595 | 9740 | 11735 | 11860 | 11710 |
| 6160 | 7255 | | | | | |

I = We. Europe; II = So. We. Europe; III = No. America; IV = Ce. America; V = So. America; VI = Ea. Africa; VII = We. Africa; VIII = Near East; IX = Balkans.

| Albanian | Area | kHz |
|---|---|---|
| 0430-0500 | IX | 6070, 6085, 7255, 1224 |
| 1500-1530 | IX | 6160, 1224 |
| 1600-1630 | IX | 6070, 6160, 7255, 1224 |
| 1800-1825 | IX | 6070, 6160, 7255, 1224 |
| 2000-2030 | IX | 6160, 1224 |
| **Arabic** | | |
| 1130-1230 | VI/VIII | 11720, 15385, 17710 |
| 1530-1600 | VI/VIII | 6135, 9595 |
| 1700-1755 | VI/VIII | 6135, 9595, 9740, 11735, 11870, 1224 |
| 2000-2100 | VIII | 6135, 9595 |
| **Bulgarian** | | |
| 1800-1830 | VIII | 6135, 9595 |
| 1900-1930 | I/II | 6160, 1224 |
| 2200-2230 | III | 6070, 11720 |
| 0030-0100 | V | 9560, 9755, 11765 |
| 2330-2400 | III | 9700, 11720 |
| 0100-0130 | III | 9700, 11720 |
| **English** | | |
| 0730-0800 | I | 9700, 11720 |
| 1830-1930 | V/VII | 9560, 9740, 11735, 11840 |
| 1930-2000 | I | 6070, 9700 |
| 2030-2130 | VI/VII | 9560, 9740, 11735, 11840 |
| 2130-2200 | I/III | 6070, 7115, 9665 |
| 2230-2330 | I/III | 9700, 11720 |
| 0000-0100 | III | 9700, 11720 |
| 0400-0500 | VI/VII | 7280, 11735 |
| 0400-0500 | III | 7115 |
| **French** | | |
| 0500-0600 | VI/VII | 7280, 11735 |
| 0700-0730 | I | 9700, 11720 |
| 1730-1830 | VI/VII | 9560, 11840 |
| 1830-1900 | I | 6070 |
| 1930-2030 | VI/VII | 9560, 9740, 11735, 11840 |
| 2100-2130 | I | 6070, 6160, 9700, 1224 |
| **German** | | |
| 0630-0700 | I | 9700, 11720 |
| 1730-1800 | I | 9700, 11720 |
| 2000-2100 | I | 6070, 7155, 9700 |
| **Greek** | | |
| 0400-0430 (W) | IX | 6070, 6085, 7255, 1224 |
| 0500-0600 (Sun) | IX | 6070, 6085, 7115, 7255 |
| 0600-0630 (W) | IX | 6070, 7115, 7135, 7255, 1224 |
| 0900-0955 (Sun) | IX | 7115, 7135, 7255, 9700, 11860 |
| 1100-1125 | IX | 7115, 9700, 11720, 11735, 11860 |
| 1400-1500 | IX | 6160, 1224 |
| 1630-1655 | IX | 6070, 6160, 7255, 1224 |
| 1930-2000 | IX | 6160, 1224 |
| 2030-2100 | IX | 6160, 1224 |
| **Italian** | | |
| 1700-1730 | II | 9700, 11720 |
| 1900-1930 | II | 6070 |
| 2200-2230 | II | 6160, 7215, 1224 |
| **Portuguese** | | |
| 1030-1130 (Sun) | II | 11720 |
| 2230-2330 | II/V | 9560, 11765, 11880 |
| 0100-0200 | V | 9560, 9595, 11765, 11880 |

| Serbo-Croat | Area | kHz |
|---|---|---|
| 0500-0530 (W) | I/IX | 6070, 6085, 7115, 7255, 1224 |
| 0500-0600 (Sun) | I/IX | 1224 |
| 0630-0700 (W) | IX | 7115, 7135, 7255, 1224 |
| 0730-0855 (Sun) | IX | 6085, 7115, 7135, 7255, 1224 |
| 1530-1600 | IX | 6160, 1224 |
| 2130-2200 | IX | 6160, 1224 |
| **Spanish** | | |
| 2130-2200 | II/V | 9560, 9755 |
| 2330-0030 | II/V | 9560, 9595, 9755, 11765 |
| 0200-0300 | IV/V | 9560, 9595, 9755, 11765 |
| 0500-0600 | I | 7135 |
| **Turkish** | | |
| 0530-0600 (W) | IX | 6070, 7115, 7255, 1224 |
| 0600-0730 (Sun) | IX | 6070, 6085, 7115, 7135, 7255 1224 |
| 1000-1100 | IX | 7115, 9700, 11720, 11735 11860 |
| 1600-1700 | IX | 6135, 9595, 9700, 11720 |
| 1830-1900 | IX | 6135, 6160, 9595, 1224 |
| 1900-2000 | VIII/IX | 6135, 9595 |

**For Foreign workers in West Europe:**
**Greek:** 0500-0600 (Sun), 0600-0630, 0900-1000 (Sun), 1100-1130, 1930-2000, 2030-2100. **Serbo-Croat:** 0500-0530, 0630-0700, 0730-0900 (Sun), 2130-2200. **Turkish:** 0530-0600W, 0600-0730 (Sun), 1000-1100, 1830-1900.
**DX-PRGR. English:** Fri 1930, 2130 (to Gt. Britain): Sat 0000, 0430, 0740; **German:** 1st and 3rd Sun 2000. **Italian:** 1st and 3rd Mon 1900, 2200.
**ANN:** Albanian: "Ju Flet Sofia". Arabic: "Huna Sofia". Bulgarian: "Govorry Sofia". E: "This is Sofia, Bulgaria calling". F: "Ici Sofia Radiodiff. Télévision Bulgarie". G: "Hier spricht R. Sofia, Bulgarien". Greek: "Milai Sofia". I: "Quie Sofie". Serbo-Croat: "Ovde R. Sofia". Sp: "Habla Sofia". Turkish: "Burasi Sofia radiosu".
**INT-SIG:** Youth March played on organola.

**V.** by QSL-card (Home Sce: R. Varna has own QSL-card). Rec. acc — **PUB:** "Radio i Televizija", weekly for Home Sce; Prgr schedule for Foreign Sce — **AD:** 1300-1400 — **ALF:** Levas 5,-.

## CZECHOSLOVAKIA

**L.T:** UTC + 1h (Su: UTC + 2h) — **Pr.L:** Czech, Slovak
**E.C:** a/c 50 (yes).

### CESKOSLOVENSKY ROZHLAS (Gov.)

**ADDR:** Czechoslovak Radio, Praha 2, 12099 Vinohradska 12.
**Cable:** Radiopraha. **Te:** 2115. **Telex:** 121 100
**L.P:** Dir. Gen: Jan Risko. Dep. Dir. Gen. in charge of Central News Sce: K. Faix. Dep. Dir. Gen. and Dir. Foreign Sce: K. Simon. Dir. Foreign Rel. and Prgr. Exchange: Dr. Jan Krajč.

| Mediumwaves | kHz | kW | Prgr |
|---|---|---|---|
| Topolna | 272 | 1500 | H |
| Liblice | 639 | 1500 | P |
| Košice | 702 | 400 | B |
| Bans. Bystrica | 702 | 14 | B+Reg |
| Poprad-Tatry 1 | 702 | 14 | B+Reg |
| Orava | 702 | 14 | B+Reg |
| Žilina | 702 | 14 | B+Reg |
| Rimavská Sobota | 702 | 14 | B+Reg |
| Bratislava 2 | 792 | 6 | B+Reg |
| Praha-Zbraslav | 792 | 30 | Reg |
| Ostrava | 846 | 30 | P+Reg |
| Čes Budějovice | 846 | 30 | P+Reg |
| Ústí Nad Labem | 864 | 6/1 | P+Reg |
| Karlovy Vary | 900 | 30 | Reg |
| Brno-Komárov | 900 | 30 | P+Reg |
| Plzeň | 900 | 30 | P+Reg |
| Brno | 954 | 100 | P+Reg |
| Čes Budějovice | 981 | 7 | Reg |
| Karlovy Vary | 981 | 7 | Reg |
| Ostrava | 981 | 1 | P |
| Bratislava | 1017 | 6 | H+Reg |
| Hradec Králové | 1017 | 6 | P+Reg |
| Košice III | 1017 | 2 | H+Reg |
| Rim. Sobota 2 | 1017 | 7 | H+Reg |
| Karlovy Vary | 1071 | 30 | Ext. |
| Praha-Zbraslav | 1071 | 60 | H+Ext |
| Mnichovo Hradiště | 1071 | 50 | H+Ext |
| Poprad-Tatry 2 | 1071 | 14 | B+Reg+Ext |
| Bratislava | 1098 | 400 | B+Reg |
| Praha-Mělnik | 1233 | 400 | H |
| České-Budějovice | 1233 | 60 | H |
| Karlovy Vary | 1233 | 60 | H |
| Košice 2 | 1233 | 30 | H |
| Plzeň | 1233 | 30 | H |
| Strakonice | 1233 | 7 | H |
| Hradec Králové | 1233 | 6 | H |
| Nitra | 1233 | 50 | H |
| Bratislava 3 | 1233 | 6 | H |
| Bán. Bystrica 2 | 1233 | 14 | H |
| Liblice | 1287 | 200 | Ext. |
| Litomyšl | 1287 | 300 | H+Ext. |
| Košice II | 1287 | 30 | Reg |
| Piestany | 1287 | 30 | Ext. |
| Jihlava | 1332 | 14 | P+Reg |
| Mor. Budějovice | 1332 | 30 | P+Reg |
| Plzeň | 1485 | 1 | P+Reg |
| Čižatice | 1521 | 400 | H+Ext. |
| Ostrava | 1521 | 60 | H |
| Liberec | 1593 | 6 | P+Reg |
| Olomouc | 1593 | 30 | P+Reg |

**FM: BOHEMIA/MORAVIA**

| Location | P | H°+ | V° | kW(ERP) |
|---|---|---|---|---|
| Brno | 66.20 | 71.87 | 69.86 | 30 |
| České Budějovice | 67.61 | 71.63 | 70.07 | 30 |
| Hradec Králové | 68.00 | 66.44 | 69.35 | 30 |
| Liberec | 71.18* | 72.74 | 69.98 | 10 |
| Ostrava | 67.88 | 66.32 | 69.08 | 30 |
| Plzeň | 69.56 | 67.34 | 70.34 | 30 |
| Jeseník | 67.10 | 68.66 | 70.16 | 5 |
| Praha | 70.85 | 66.83 | 68.96 | 60 |
| Ustí Nad Labem | 69.26 | 72.20 | 70.58 | 30 |

P = Praha, H = Hvězda, V = Vltava, *) planned.

**SLOVAKIA**

| Location | B | H+ | D° | kW(ERP) |
|---|---|---|---|---|
| Banská Bystrica | 72.50 | 70.94° | 69.68 | 30 |
| Bratislava | 71.12 | 67.76° | 68.84 | 60 |
| Košice | 66.38 | 67.94° | 68.87 | 30 |
| Poprad (Tatry) | 67.28 | 68.06° | 69.20 | 30 |
| Žilina | 70.82 | 71.60° | 69.50 | 10 |

B = Bratislava, H = Hvezda, D = Devin.
°) stereo, +) 24h.

#### HOME SERVICES

**PRAHA: Czech:** 0330 (Sun 0500)-2300. **N,Wrp:** W 0330, 0400, 0500, 0530 (exc. Sat), 0600, 0630, 0830, 1000 (exc. Sat), 1130, 1430, 1530, 1730, 2030, 2250; Sun 0530, 0630, 0830, 1130, 1630, 1730, 2030, 2250.
**BRATISLAVA: Slovak:** 0300 (Sun 0500)-2300. **N, Wrp:** W 0330, 0400, 0430, 0500, 0530, 0600, 0730, 0930, 1130, 1530, 1730, 2030, 2255; Sun 0500, 0600, 0650, 0830, 1130, 1530, 1730, 2030, 2130, 2255. **Foreign Press:** W 0430, 1330.
**HVEZDA: Czech/Slovak:** 24h. **N, Wrp:** W 0000-0300 hourly, 0330, 0630 every half h, 0700-2302 hourly; Sun 0000-2302 hourly.
**"Green Wave":** Traffic information and music on 1071kHz + 66.83MHz: Fri 1400-1800, Sun 1500-1830 (Su: 1600-1930).
**VLTAVA: Czech:** 0825 (Sat/Sun 0655)-2300. **N, Wrp:** 0800 (Sun), 0900 (Sat), 1400, 2255. **LL:** Russian: Mon 1935-2000, Sat 0800-0825; English: Thurs 1935-2000, Sat 0825-0850; French: Mon 0935-1000, Fri 1910-1935; German: Tues 0935-1000, Fri 1935-2000.
**DEVIN: Slovak:** 0855 (Sat 0650, Sun 0655)-2300. **N, Wrp:** Mon-Fri 0900, 1400, 2255; Sat/Sun 1400, 2255.

**REGIONAL PRGRS**

**Studio Praha,** Hybešova 10, 180 00 Praha 8 — **D.Prgr** on 792kHz + 70.85MHz: W 1100-1200, Sat 1400-1500; On FM only: Mon-Fri 1400-1500.
**Studio Ústí nad Labem,** Na schodech 10, 4091 Ustí nad Labem — **D.Prgr** on 864/1593kHz + 69.26MHz: W 1100-1130 (Sat 1200), 1400-1500, Sun 1000-1100, 1300-1400 — **V.** by QSL-card.
**Studio Plzen,** Nám Miru 4, 32000 Plzeň — **D.Prgr** on 900/1485kHz + 69.56MHz: W 1100-1130 (Sat 1200), 1400-1500; Sun 1000-1100, 1300-1400 — **V.** by letter.

**Studio Ceské Budéjovice,** U. trí lvu 1, 37029 Ceské Budéjovice — **D.Prgr** on 846kHz + 67.61MHz: W 1000-1100 (MW only), 1100-1130 (Sat 1200), 1400-1500; Sun 0900-1000 (MW only), 1000-1100, 1200-1400 — **V.** by letter.
**Studio Hradec Králové,** Vrchlickéno 985, 50000 Hradec Králové — **D.Prgr.** on 1017kHz + 68.00MHz: W 1100-1130 (Sat 1200), 1400-1500; Sun 1000-1100, 1300-1400.
**Studio Brno,** Beethovenova 4, 60000 Brno — **D.Prgr** on 900/954/1332kHz + 66.20MHz: W 1100-1130 (Sat 1200), 1400-1500; Sun 1000-1100, 1200-1300 (FM only), 1300-1400 — **V.** by letter.
**Studio Ostrava,** Dr. Šmerala 2, 70000 Ostrava — **D. Prgr** on 846/1593kHz + 67.10/67.88MHz: Mon-Fri 1100-1130, 1400-1500; Sat 0830-1500; Sun 1200-1500. **Polish:** Sat 1430-1500 — **V.** by letter.
**Studio Bratislava,** Zochova 1, 81290 Bratislava — **D. Prgr** on 792/1098kHz + 71.12MHz; Mon-Fri 1430-1530 (different prgrs on 792/1098kHz); Sun 1920-1925 (sport) — **V.** by QSL-card.
**Studio Bánská Bystrica,** L. Sára 1, 97568 Bánská Bystrica — **D. Prgr** on 702kHz + 67.28/70.82/72.50MHz: Mon-Fri 1430-1530; Sun 1920-1925 (sport).
**Studio Košice,** Moyzesova 7/a, 04161 Košice — **D.Prgr** on 1071 (Poprad)/1287kHz + 66.38MHz: Mon-Fri 1430-1530; Sun 1920-1925 (sport). On 1287kHz only: Mon-Fri 0800-0900, Sat 1030-1330.

### PRGRS FOR NATIONAL MINORITIES

**Ukrainian** on 1287kHz: Mon-Fri 1400-1430; Sat 0800-1030, 1330-1500; Sun 0800-1130, 1330-1500.
**Hungarian** on 1017kHz: Mon/Wed/Fri 0600-0700, 1100-1200, 1600-1700; Tues/Thurs 0600-0700, 0900-0930, 1100-1200, 1300-1500; Sat 0700-1500; Sun 0600-1400.
**German:** W 1500-1520 on 864/981/1593 (Liberec) kHz; Sun 1300-1400 on Praha 1071 and Litomyšl 1287kHz.
**V.** Reports to all regional studios should be addressed to "Technické oddělení" (technical dept.). Use German if possible.

### FOREIGN SERVICE

**MEDIUMWAVES:** See Home Sce
**SHORTWAVES** (G.C: 15.09E/50.09N): 120/200/250kW; Velekostolany (G.C: 17.44E/48.31N): 120/250kW.

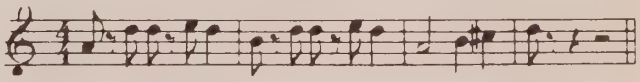
| kHz | kHz | kHz | kHz | kHz | kHz |
|---|---|---|---|---|---|
| 5930 | 9540 | 9740 | 15110 | 17705 | 21505 |
| 6055 | 9600 | 11800 | 15205 | 17840 | 21705 |
| 7345 | 9605 | 11855 | | | |
| 9505 | 9630 | 11990 | | | |

**Areas:** I = Europe, II = Africa, III = No.America, IV = So.America, V = So.Ea.Asia, VI = Pacific.
a) Sat/Sun, b) for Austria, c) Sun.

| Arabic | Area | kHz | English | Area | kHz |
|---|---|---|---|---|---|
| 1630-1727 | II | 9605, 11990 | 1530-1625 | I/II/V | 6055, 7345 |
| | | 15110, 15205 | | | 9605, 11990 |
| | | 17705, 17840 | | | 15110, 15205 |
| | | 21505 | | | 17705, 21505 |
| 1930-2027 | II | 9600, 11990 | 1630-1657 | I | 5930, 7345 |
| | | 15205, 17840 | 1730-1825 | II | 5930, 7345 |
| **Czech/** | | | | | 9605, 11990 |
| **Slovak** | | | | | 15110, 15205 |
| 0800-0830 | V/VI | 11855, 17840 | | | 17705, 21505 |
| | | 21705 | 1900-1927 | I | 5930, 7345 |
| 1500-1530 | I/II/V | 6055, 7345 | 2000-2027 | I | 5930, 7345 |
| | | 9605, 11990 | 2130-2200 | I | 1287, 6055 |
| | | 15110, 15205 | 0100-0157 } | | 5930, 7345 |
| | | 17705, 17840 | 0300-0357 } | III/IV | 9540, 9630 |
| | | 21505 | | | 9740, 11990 |
| 2200-2227 | III/IV | 5930, 7345 | **French** | | |
| | | 9630, 9740 | 0600-0630 | I | 1287, 6055 |
| | | 11990 | | | 9505, 11990 |
| 2230-2257 | I | 1287, 6055 | 1830-1900 | I | 1287, 6055 |
| 0030-0057 | III/IV | 5930, 7345 | 1830-1927 | II | 9600, 11990 |
| | | 9540, 9740 | | | 15205, 17840 |
| | | 11800, 11990 | 1930-1957 | I | 5930, 7345 |
| **English** | | | 2030-2100 | I | 1287, 6055 |
| 0530-0545 | I | 1287, 6055 | 2030-2125 | II | as 1830 |
| | | 9505, 11990 | **German** | | |
| 0730-0800 } | | | 1700-1730 | I | 1287, 6055 |
| 0830-0900 } | V/VI | 11855, 17840 | 1800-1830b | I | 1287, 6055 |
| 0900-0930a } | | 21705 | 1900-1930 | I | 1287, 6055 |
| 1430-1457 | II/V/VI | 7345, 9605 | 2000-2030b | I | 1287, 6055 |
| | | 15110, 15205 | 2100-2125 | I | 1287, 6055 |
| | | 17705, 21505 | | | |

| Italian | Area | kHz | Spanish | Area | kHz |
|---|---|---|---|---|---|
| 1200-1300 | I | 6055, 9505 | 1830-1857 | I | 5930, 7345 |
| 1300-1455a | I | 6055, 9505 | 2100-2125 | I | 5930, 7345 |
| 1730-1800 | I | 1287, 6055 | 2300-2357 | III/IV | 5930, 7345 |
| 1930-2000 | I | 1287, 6055 | | | 9740, 11990 |
| 2200-2230 | I | 1287, 6055 | 0200-0257 } | III/IV | 5930, 7345 |
| **Portuguese** | | | 0400-0457 } | | 9540, 9630 |
| 2030-2100 | I | 5930, 7345 | | | 9740, 11800 |
| 2130-2157 } | I/II/IV | 5930, 7345 | | | 11990 |
| 2230-2257 } | | 9630, 9740 | **Inter-Prgr** | | |
| | | 11990 | 0530-0630 | I | 1071, 1287 |
| 0000-0027 | IV | 5930, 7345 | 0630-1157 | I | 1071, 1287 |
| | | 9740, 11990 | | | 6055, 9505 |
| **Spanish** | | | | | 11990 |
| 0545-0600 | I | 1287, 6055 | 1200-1300 } | I | 1071, 1287 |
| | | 9505, 11990 | 1300-1400c } | I | |
| 1700-1727 | I | 5930, 7345 | 2300-0055 | I/III | 1287, 6055 |
| | | | | | 9630 |

Music, with short news bulletins and features in Czech/Slovak, German, French, English, Russian and Polish as follows:
**English:** 0745, 0845, 0945*, 1045*, 1145*, 0030.
**German:** 0715, 0815, 0915*, 1015*, 1115*, 1300-1400 (Sun), 2330.
**French:** 0730, 0830, 0930*, 1030*, 1130*, 0000.
**Czech/Slovak:** 0700, 0800, 0900*, 1000*, 1100*, 2300.
**Polish:** 0530-0630
**Russian:** 1200-1300.
**Multilingual:** 0632-0700. *) exc. Sun.
**Prgrs for radio amateurs and SWLs:**
**To Europe: English:** Wed 2000, 2130; **German:** Sun 1700, Mon 2100. — **To No. America:** Fri 0100, 0300 — **To Latin America: Spanish:** 1st Sun/Mon 2300, 0200. **Portuguese:** 1st Sun 2230, 0000 — **To Africa: French:** 1st Sun 1830, 2030.
**ANN:** "This is Prague", F: "Ici Prague, Tchécoslovaquie". G: "Hier spricht Prag" Sp: "Aqui R. Praga, Checoslovaquia". P: "Aqui fala a R. Praga". — **INT-SIG:** The opening bars of the song "Forward Left" by J. Seidl, played on trumpets.



**V.** by QSL-card. Rec. acc — **ALF:** 120,-Czech crowns.

## DENMARK

**L.T:** UTC + 1h (Su: UTC + 2h) — **Pr.L:** Danish.
**EC:** a/c 50, 220/380V (yes).

### GENERAL DIRECTORATE OF POSTS AND TELEGRAPHS

**ADDR:** Tietgensgade 37, DK-1530 Copenhagen V.
**Cable:** Postgen — **L.P:** Dir. Gen: Hans Würtzen.

### DANMARKS RADIO (Gov.)

**ADDR:** Radio House, Rosenørns Allé 22, 1999 Copenhagen V.
**Te:** (01) 350647. **Cable:** Danradio. **Telex:** 22695.
**L.P:** Dir. Gen: Laur. Bindsløv. Deputy Dir. Gen. & Dir. of Secretariat: Erik Carlsen. Dir. Prgr. (Radio): Sven Fugl. Dir. Tec: Peter Hansen. Dir. of Finance: Frede Houkjær. Dir. of Personnel: Jens J. Jensen. Head of News and Actualities (radio): Poul-Ove Kühnel. Head of Culture Dept (radio): Knud Vilby. Head of Children and Youth Prgr (radio & TV): Mogens Vemmer. Head of Music (radio and TV): Mogens Andersen. Head of Drama (radio): Mette Winge. Head of Entertainment (radio): Kaj Bruun. Head of Educ. Broadcasts (radio & TV): H. Engberg-Pedersen. Head of Press Dept: E. Trautmann. Head of Foreign Rel: Bent Sørensen. Head of Regional Tech: O.B. Larsen. Head of Tech (radio): vacant. Head of Maintenance: J. Brummerstedt. Head of Broadc. Interference Sce: Tage Snorregaard.
**STATIONS:** Long-and Mediumwave (P = Prgr)

| | kHz | kW | P | | kHz | kW | P |
|---|---|---|---|---|---|---|---|
| Kalundborg | 245 | 300 | I | Kalundborg | 1062 | 250 | III |

**FM** (all stereo)

| Station | I | II | III | kW/W |
|---|---|---|---|---|
| Bornholm | 94.5 | 99.3 | 90.0 | 25 |
| Copenhagen | 90.8 | 96.5 | 93.85 | 60 |

| Station | I | II | III | kW/W |
|---|---|---|---|---|
| Hammeren | 91.6 | 93.7 | 98.4 | 15W |
| Hobro | 94.9 | 96.7 | 92.0 | 160W |
| Holstebro | 90.2 | 98.5 | 92.9 | 60 |
| Naestved | 94.8 | 97.5 | 99.6 | 60 |
| Rangstrup | 95.1 | 99.9 | 97.2 | 40 |
| Skamlebaek | 88.4 | 92.0 | 94.3 | 3 |
| Sdr. Højrup | 89.0 | 96.8 | 92.6 | 60 |
| Thisted | 91.4 | 95.6 | 99.2 | 3 |
| Tolne | 91.0 | 94.4 | 96.6 | 10 |
| Vejle | 95.5 | 94.0 | 90.7 | 10 |
| Ølgod | 88.7 | 99.0 | 92.3 | 10 |
| | | 97.7 | | 10 |
| Ålborg | 93.3 | 98.1 | 89.7 | 60 |
| Århus | 88.1 | 95.9 | 91.7 | 60 |

**1st Prgr:** 0500-2220. **N:** 0500, 0600, 0700, 1102, 1730, 2200 — **Wrp:** 0510 (Mon-Fri), 0540 (Sat), 0645 (Sun), 1050 (Sun), 2207 — **Rlg:** Sun 0900, 1600; W 0555, 0730, 0800. **Chimes** (of the Copenhagen Town Hall): 1100.
**Faroese:** Mon 1145, 1830 — **Greenlandic:** Sat 1700-1720 (FM only) — **For Foreign Workers** in Arabic, Urdu, Serbo-Croat, Turkish: Mon-Fri 1700-1720 (FM only); Tues-Fri 1145; Wed 1830, 1845, Fri 1830.
**2nd Prgr:** 0400 (Sun 0600)-0105 relaying prgr. 3 only interrupted for reg. prgrs, adult educational prgrs, Foreign Workers Prgr. (Sat 1500-1615) and serious music (1900-2300)
**3rd Prgr** (Musical Prgr): 0400 (Sun 0600)-0105. **N:** hourly + 1102 & 1730. **N. in English:** W 0730 (Su: also N. in German & French). **N. for Greenlanders:** Mon-Fri 1850 (Greenlandic) and 1855 (Danish).
**Special Prgrs** (on 245kHz): 1200-1230 (Mon-Fri) — On 245/1062kHz: **Wrp:** 0510 (Mon-Fri), 0540 (Sat), 0645 (Sun), 0745, 1050, 2208.
**Regional Prgr's** on the 2nd network:
**Northjutland Radio,** Frederik Bajers vej 9, 9220 Ålborg SØ — **D.Prgr** on 94.4/96.7/98.1MHz: Mon-Thurs 0530, 0610, 0630, 0730, 1130, 1630, 1700; Fri 0530, 0630, 0730, 1130, 1700; Sun 1800-1900.
**Radio Mid- & West-Jutland,** Vestergade 1, 7500 Holstebro — **D.Prgr** on 95.6/97.7/98.5MHz: Mon-Fri 0530, 0610, 0630, 0730, 1130, 1625; Sat 1130-1430.
**Eastjutland Radio,** Halmstadgade 10-12, 8200 Århus N — **D.Prgr** on 95.9MHz: Mon-Fri 0530-0740, 1130, 1700.
**Kanal 94,** Karl Bjarnhofs Vej 2, 7100 Vejle — **D.Prgr** on 94.0MHz: Mon-Fri 0530, 0610, 0630, 0730, 1630, 1700.
**Radio South** H.P. Hanssensgade 11, 6200 Åbenrå — **D.Prgr** on 99.0/99.9MHz: Mon-Fri 0530-0840, 1130, 1630-1730; Sat/Sun 0810-1000.
**Radio Funen,** Lille Tornbjergvej 10, 5220 Odense — **D.Prgr** on 96.8MHz: Mon-Fri 0530-0745, 1130, 1630.
**The Regional Radio Næstved,** Vadestedet 1, 4700 Næstved — **D.Prgr** on 92.0/97.5MHz: Mon-Fri 0530, 0610, 0630, 0730, 1130, 1700.
**Copenhagen Radio,** Landskronagade 68, 2100 Copenhagen Ø — **D.Prgr** on 96.5MHz: Mon-Fri 0530-0700, 0730, 1130, 1630; Sun 0805-0850.
**Bornholm Radio,** Åkirkebyvej 52, 3700 Rønne — **D.Prgr** on 93.7/99.3MHz: Mon-Fri 0530-0600, 0615-0700, 0730-0800, 1130, 1630.
**ANN:** "Danmarks Radio Program et", "Danmarks Radio program to", "De lytter til program tre (or P-tre)" (1st, 2nd & 3rd prgr).
**INT-SIG:** Prgr.1: From an old Danish folksong.

### FOREIGN SERVICE

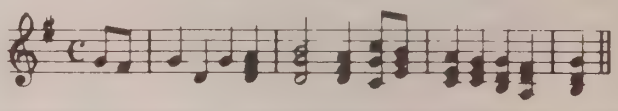
**ADDR:** Radio Denmark, Shortwave-Dept, Radiohouse, DK-1999 Copenhagen V. **Te:** (01) 350647. Ext. 7742. **Telex:** 22205.
**L.P:** Head of SW Dept: Jørgen T. Madsen.
**STATION** (G.C: 12.21E/55.41N): 1×100kW tr. (operating at 50kW) — 1×50kW tr (reserve) on 15165kHz.

**Schedule: Nov 4th 1984 - March 3rd 1985**

| kHz | kHz | kHz | kHz |
|---|---|---|---|
| 9730 | 9765 | 11960 | 15165 |
| 9760 | 11715 | 15140 | 17770 |

| Times | kHz | Beam | Area | N. in Danish |
|---|---|---|---|---|
| 1000-1052 | 9730 | 40 | Japan/Far East | 1000 |
| 1100-1130° | 11960 | 320 | Greenland/Pacific | 1102 |
| 1200-1252 | 11960 | 80 | So. Asia/Australia | 1200 |
| 1300-1352 | 15165 | 305 | Eastern No. America | 1300 |
| 1400-1452 | 15165 | 220 | No. Africa/So. Europe | 1400 |
| 1500-1552 | 15140 | 120 | Ea. Africa/Middle East | 1500 |
| 1600-1652 | 17770 | 310 | Eastern No. America | 1600 |
| 1730-1830* | 9765 | 315 | Greenland/Pacific | 1730 |
| 1900-1952 | 15165 | 150 | Ea. Africa/Middle East | 1900 |
| 2000-2052 | 15165 | 190 | No. Africa/So. Europe | 2000 |
| 2100-2115** | 9760 | 305 | Greenland/Pacific | 2100 |
| 2100-2152+ | 9760 | 305 | Greenland/Pacific | 2100 |
| 2130-2145** | 9760 | 215 | We. Africa/So. Europe | 2130 |
| 2200-2252 | 9765 | 235 | So. America | 2200 |
| 2300-2352 | 11715 | 270 | Caribbean | 2300 |
| 0000-0052 | 9760 | 300 | Eastern No. America | 0000 |

°) Rel. HS Prgr. 1 — *) Mon-Fri rel. HS Prgr. 1, Sat/Sun rel. HS Prgr. 3 (1730-1800) — **) Mon-Fri (N. from HS Prgr. 3) — +) Sat/Sun & holidays.
**INT-SIG. and ANN:** All trs (Danish) preceded by repetition of first bars of a piece of Danish music by Carl Nielsen followed by announcements in English and Danish.



**Message to Listeners:** Although prgrs are in Danish only, Radio Denmark is anxious to receive reports on prgrs and on reception conditions from countries abroad. For the Danish speaking audience Radio Denmark operates an automatic telephone recorder for important reports/messages on 01-355200. Ask for "Jam-Alarm". You may call collect.
**V.** by QSL-card (SW only). Rec. acc — **ALF:** Kr. 180,-(radio).

**Local Radio:** A number of non-comm. organizations operate low power FM tr's between 100 & 104MHz. Due to the limited range, they are not listed here.

## FAROE ISLANDS (Danish)

**L.T:** UTC — **Pr.L:** Faroese.

### ÚTVARP FØROYA

**ADDR:** P.O. Box 328, DK-3800 Tórshavn. **Te:** 1.6566. **Telex:** 81226.
**L.P:** Mgr: N.J. Arge.
**STATIONS:** Tórshavn 531kHz 5kW — 89.85MHz 60kW. Klaksvik 94.25MHz 30kW — Suduroy 97.5MHz 30kW.
**D.PRGR:** Mon-Fri 0715-1300, 1815-2110; Sat 0715-1500, 1815-2210; Sun 1400-2000.
**ANN:** "Útvarp Føroya" — **INT-SIG:** Xylofon.
**V.** by QSL-card (B) — **F.Pl:** new MW-tr (50/200kW).
**ALF:** Kr. 160,- (radio).

## FINLAND

**L.T:** UTC + 2h (Su: UTC + 3h) — **Pr.L:** Finnish, Swedish.
**E.C:** a/c 50, 220/380V (yes).

### DIRECTION GENERAL OF POSTS AND TELEGRAPHS

**ADDR:** P.O. Box 528, Helsinki 10. **Cable:** Gentel.
**L.P:** Dir. Gen: P. Tarjanne.

### OY YLEISRADIO AB (Non-comm. Public Broadc. Sce.)

**ADDR:** P.O. Box 95, SF-00251 Helsinki 25. **Te:** 441141. **Telex:** 12-4735. **Telefax:** 4013421.
**LP:** Dir. Gen: S. Kiuru. Dep. Dir. Gen. & Dir. Radio: J. Mykkänen. Dir. Adm. & Finance: A. Haapanen. Dir. Eng: E. Larkka. Dir. of Swedish Radio & TV: B. Bergman. Reg. Dir: O. Peltola. Head of Int. Rel: U.K. Haarma. Others: See TV.

**Long and Mediumwaves**

| | kHz | kW | P | | kHz | kW | P |
|---|---|---|---|---|---|---|---|
| Lahti | 254 | 200 | A | Vaasa | 1242 | 25 | C |
| Oulu | 540 | 15 | A | Turku III | 1278 | 4 | C |
| Helsinki I | 558 | 100 | A | Helsinki III | 1404 | 2 | C |
| Turku I | 963 | 100 | A | | | | |

Number of studios: 73 (of which 24 in Helsinki). — P = Prgr.
**FM:** A = Finnish 1st prgr; B = Finnish 2nd prgr; C = Swedish prgr — °) stereo — **Local prgr:** Espoo 90.3/97.5MHz 10kW, Kuopio

93.9MHz 50kW, Lahti 93.2MHz 50kW, Oulu 93.2MHz 5kW, Sippola 91.4MHz 30kW, Tampere 88.3MHz 6kW, Turku 96.7MHz 6kW.

| STATION | A | B | C | kW |
|---|---|---|---|---|
| Aavasaksa | 87.9 | 89.8° | | 3 |
| Ahvenanmaa | | | 91.3° | 10 |
| Espoo | 91.9° | 94.0° | 98.8° | 60 |
| Eurajoki | 87.7° | 92.0° | 99.4* | 30/3* |
| Haapavesi | 96.1° | 98.4° | | 30 |
| Iisalmi | 87.7° | 92.8° | | 2 |
| Inari | 92.8 | 98.8° | | 50 |
| Joutseno | 88.0° | 90.9° | | 30 |
| Jyväskylä | 89.9° | 92.5° | 87.6* | 30/3* |
| Karigasniemi | 89.5 | 93.4° | | 2 |
| Kerimäki | 95.8° | 99.1° | | 30 |
| Koli | 90.2° | 93.4° | | 30 |
| Kruunupyy | 94.0° | 97.6° | 99.7° | 60 |
| Kuopio | 91.6° | 98.1° | | 50 |
| Kuttanen | 94.1 | 97.2° | | 3 |
| Lahti | 95.5° | 97.9° | | 50 |
| Lapua | 90.1° | 93.1° | 95.2° | 60 |
| Mikkeli | 88.9° | 94.6° | | 30 |
| Nuorgam | 88.6 | 93.9 | | 2 |
| Oulu | 90.4° | 97.3° | 88.0* | 50/5* |
| Pihtipudas | 88.6° | 97.0° | | 50 |
| Posio | 87.6 | 98.6 | | 30 |
| Pyhätunturi | 91.0° | 97.6° | | 50 |
| Pyhävuori | 88.9° | 91.0° | 98.6° | 30 |
| Rovaniemi | 94.0° | 96.7° | | 30 |
| Ruka | 90.7 | 92.8° | | 2 |
| Sippola | 92.8° | 96.9° | 99.5° | 30 |
| Taivalkoski | 89.2° | 91.9° | | 60 |
| Tammela | 89.2° | 91.2° | | 5 |
| Tammisaari | | | 97.0° | 3 |
| Tampere | 90.7° | 93.7° | 97.2°* | 60/6* |
| Tervola | 88.6° | 92.6° | | 30 |
| Turku | 89.8° | 94.3° | 98.2° | 50 |
| Utsjoki | 90.7 | 99.4 | | 2 |
| Vuokatti | 94.3° | 98.9° | | 60 |
| Vuotso | 87.8 | 90.1° | | 3 |
| Ylläs | 92.2° | 95.3° | | 60 |
| Ähtäri | 91.9° | 94.6° | | 3 |

+ 6 low power tr's.

**HOME SCE: Group A** (Serious music, educational prgrs, current affairs, talk prgrs, radio dramas, light music, entertainment, religious prgrs, prgrs for children): W 0330-2200 (Fri/Sat 2400), Sun 0400-2200 (on 254/963kHz: 0330-2010).
**N:** W 0400, 0500, 0600, 0800, 0930, 1030, 1300, 1400, 1530, 1700, 2000, 2100; Sun 0630, 1030, 1400, 1530, 1700, 2000, 2100 — **Wrp:** In news reports 0400, 0500, 0600 (Sun 0630), 0800, 1030, 1400, 1530, 1700, 2000 — **Wrp for seas:** 0615 (Sun 0640), 1050, 1710, 2015.
**Group B** (Light music, prgrs for youth, talk prgrs, sports, serious music): 0330 (Sun 0400)-2200.
**N:** As group A exc. 0800, 1300 (Sat/Sun 1400), 1700, 2100.
**Group C** (Swedish): 0330 (Sun 0400)-2200.
**N:** W 0400, 0500, 0600, 0800, 0930, 1030, 1300, 1400, 1530, 1700, 2000, 2100; Sun 0630, 1030, 1530, 1700, 2000, 2100 — **Wrp:** In news reports 0400, 0500, 0600, 0800, 1030, 1400, 1530, 1700, 2000 — **Wrp for seas:** 0615 (Sun 0640), 1045, 1710, 2010.

### FOREIGN SERVICE

**ADDR:** Box 10, SF-00241 Helsinki 24.
**L.P:** Head of Ext. Broadc: Juhani Niinistö.
**MEDIUMWAVES:** See Home Sce.
**FM:** Helsinki 100.8MHz (rel. selected Foreign Sce. prgrs).
**SHORTWAVES:** Pori (G.C: 21.52E/61.28N): 1×250kW, 1×100kW and 2×15kW tr's.

| kHz | kHz | kHz | kHz | kHz | kHz | kHz |
|---|---|---|---|---|---|---|
| 254 | 6120 | 9575 | 9740 | 11755 | 15400 | 21465 |
| 558 | 9540 | 9695 | 11735 | 15265 | 17800 | 21475 |
| 963 | | | | | | |

**Areas:** I = Europe, II = Middle East, III = Africa, IV = North America, V = South America, VI = Far East and Australasia, VII = Ea. Europe. Freq's in bold = 250kW (not available Tues mornings (local time) due to maintenance).

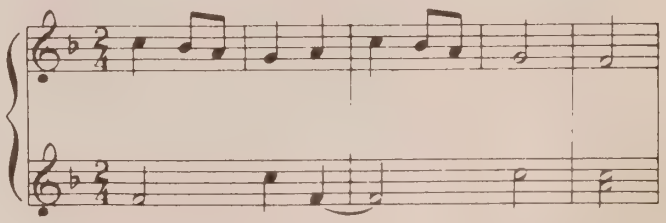
**Did you remember to order *your* subscription to the WRTH Newsletter?**

**Schedule until March 30th 1985**

| English | Area | kHz | Finnish | Area | kHz |
|---|---|---|---|---|---|
| 0530-0555 | I | 6120 | 1430-1500W° | IV | 15400 |
| | | 11755 | | | **17800** |
| | II | **11735** | 1600-1930 | I | 11755 |
| 0730-0755 | I | 6120 | 1600-1700 | II/III | **15265** |
| | | 11755 | | I | 6120 |
| 0830-0930c | I | 15265 | 2000-2015a | I | 6120 |
| 0930-0955 | VI | **21465** | | | **9540** |
| 1200-1225W | | | 2000-2015b | I | 6120 |
| 1300-1325W | IV | 15400 | | | 9540 |
| 1330-1455d | | **17800** | 2055-2110 | | 254 |
| 1400-1425W | | | 2130-2200 | I | 963 |
| 1500-1525d | IV | 15400 | | | |
| 1504-1528W | IV | 15400 | **Swedish** | | |
| | III | **21475** | 0630-0645 | I | 6120 |
| 1930-1955 | I | 6120 | | | **9575** |
| | | **9540** | | | 11755 |
| | | 11755 | 0720-0730 | I | 6120 |
| 2030-2055 | | 254 | | | 11755 |
| 2200-2225 | I | 963 | 1050-1055W | I | 15265 |
| 2225-2300c | | | | VI | **21465** |
| | | | 1150-1155 | VII | **9695** |
| **Finnish** | | | 1220-1255d | V | **21475** |
| 0345-0515 | II | **9740** | 1255-1300W | IV | 15400 |
| 0345-0530 | I | 6120 | 1325-1330d | | **17800** |
| | | 11755 | 1355-1400 | IV | 15400 |
| 0600-0630 | I | 11755 | 1355-1400W | V | **21475** |
| 0645-0720 | | **9575** | 1400-1530 | I | 6120 |
| | | 6120 | | | 11755 |
| 0800-1400 | I | 6120 | 1530-1600 | I | 6120 |
| | | 11755 | | | 11755 |
| 0800-0930d | I | 15265 | | | 15265 |
| 0955-1050 | VI | **21465** | | II/III | **15265** |
| 1115-1155 | I | **9695** | 2015-2025 | I | 6120 |
| 1230-1255W | IV | 15400 | | | **9540** |
| 1230-1325d | | **17800** | | | 11755 |
| 1330-1355W | IV | 15400 | 2110-2130 | I | 254 |
| | V | 21465 | | | 963 |

a) Mon-Fri, b) Sat/Sun, c) Sat, d) Sun, W) exc. Sun.
**N. in English:** at start of all transmissions. (exc. between Sat 1930 and Sun 1500).

**ANN:** Finnish: "Täällä Suomen Yleisradio". Swedish "Här är Finlands Rundradio". English: "This is the Finnish Broadc. Company" or "This is Radio Finland, Helsinki".
**INT-SIG:** Based on an old Finnish folk melody.



**V.** by Audience Card. R. Finland welcomes all reports especially those containing comments on programming. Letters and reports to R. Finland, Box 10, 00241, Helsinki 24, Finland.
**PUB:** "Radio Finland" quarterly, contains schedules, Free.
**F.PL:** New SW-st. at Pori in 1987.

## FRANCE

**L.T:** UTC + 1h (Su: UTC + 2h) — **Pr.L:** French.
**E.C:** a/c 50, voltages variable (yes).

### TÉLÉDIFFUSION DE FRANCE (TDF)

**ADDR:** 21/27 rue Barbès, 92542 Montrouge Cédex. **Te:** (1) 657.11.15 **Telex:** 250738F.
**L.P:** Prés. Dir. Gen: François Schoeller. Dir. Gen: Pascal Manchuel.
**Regional Centres**
**Paris Centre Nord:** 21/23 rue de la Vanne, 92120 Montrouge — **Est (East):** 43 Route de Mirecourt, 54042 Nancy Cédex — **Centre Est (Centre East):** 44 Bd. Vivier Merle, B.P. 68, 69398 Lyon Cédex 3 — **Sud Est (South East):** 14 Bd. Edouard Herriot, 13271 Marseille Cédex 2 — **Sud Ouest (South West):** La Cépière, 31081 Toulouse Cédex — **Ouest (West):** B.P. 22A, 9 Avenue

Janvier, 35031 Rennes Cédex.
TDF operates the radio & TV transmitters.

## RADIO TÉLÉVISION FRANÇAISE D'OUTRE-MER (RFO)

**ADDR:** 173 rue de la Croix Nivert, 75015 Paris. **Te:** (1) 554.92.36.
**L.P:** Prés. Dir. Gen: René Mahe. Dir. of Prgrs. & N: Jeanne-Pierre David. Dir. Tec: Alain Bidaut.
RFO controls broadcasting in the French overseas territories.

## RADIO FRANCE

**ADDR:** 116, Av. du Président Kennedy, F-75786 Paris Cédex 16.
**Te:** (1) 524.24.24. **Telex:** 200 002 RANDFRAN F.
**L.P:** Prés. Dir. Gen: Jean-Noël Jeannenay.

### HOME SERVICE

**STATIONS**

**Netw:** A = France-Inter, B = France-Culture, F = France Inter Regions, a) - i) refer to decentralized prgr. listings — *) carries local prgrs (see details below).

| Stations | Netw | kHz | kW | | Netw | kHz | kW |
|---|---|---|---|---|---|---|---|
| Allouis | A | 164 | 2000/ 1000 | Bordeaux | B | 1206* | 100 |
| | | | | Marseille | B | 1242i | 150 |
| Marseille | F | 585 | 4 | Strasbourg | B | 1278a | 300 |
| Paris | F | 585 | 8 | Nancy | A | 1350 | 100 |
| Lyon | B | 603* | 300 | Nice | A | 1350 | 300 |
| Marseille | A | 675 | 600 | Lille | B | 1377 | 300 |
| Rennes | B | 711b | 300 | Ajaccio | B | 1404 | 20 |
| Limoges | B | 792 | 300 | Brest | B | 1404 | 20 |
| Nancy | B | 837* | 200 | Dijon | B | 1404d | 1 |
| Paris | B | 864 | 300 | Grenoble | B | 1404 | 1 |
| Toulouse | B | 945* | 300 | Pau | B | 1404j | 20 |
| Bastia | A | 1071 | 20 | Tours | A | 1485 | 0.05 |
| Bayonne | A | 1071k | 0.05 | Corte | A | 1485 | 1 |
| Brest | A | 1071 | 20 | Bastia | B | 1494 | 20 |
| Grenoble | A | 1071 | 20 | Bayonne | B | 1494 | 4 |
| Lille | A | 1071 | 40 | Besançon | B | 1494g | 1 |
| Montpellier | A | 1071 | 10 | Clermont-Ferrand | B | 1494 | 20 |
| Ajaccio | A | 1161 | 10 | Nice | B | 1557 | 300 |
| Strasbourg | A | 1161 | 200 | Toulon | A | 1584 | 1 |

**FM:** C = France Inter, D = France-Culture, E = France-Musique (stereo). + = stereo.
a) - i) refer to decentralised prgr. list.

| Station | kW(ERP) | C | D | E |
|---|---|---|---|---|
| Abbeville | 4 | 93.1i | 97.4 | 89.8 |
| Ajaccio | 5 | 92.4 | 97.6 | 88.0 |
| Alençon | 10 | 93.0e | 88.0 | 91.0 |
| Ales | 1 | 87.6 | 96.1 | 98.6 |
| Amiens | 20 | 95.4i | 88.37 | 99.4 |
| Angers | 8 | 93.2 | 91.4 | 97.4 |
| Argenton | 5 | — | 89.8 | 97.2 |
| Aurillac | 50 | 94.5 | 98.0 | 91.9 |
| Autun | 10 | 88.1d | 97.3 | 94.1 |
| Auxerres | 5 | 99.5d | 89.5 | 92.8 |
| Avignon | 4 | 97.45 | 90.72 | 93.22 |
| Bar le Duc | 10 | 90.9 | 88.4 | 92.7 |
| Bastia | 5 | 95.9 | 89.2 | 93.9 |
| Bayonne | 40 | 89.0 | 96.1 | 92.7 |
| Bergerac | 50 | 92.3 | 94.0 | 97.1 |
| Besançon (Town) | 10 | 98.7g | 88.3 | 95.0 |
| Besançon Lomont | 22 | 90.0g | 97.7 | 92.9 |
| Bordeaux | 5 | 89.7 | 97.7 | 93.5 |
| Boulogne | 1 | — | 99.9 | 89.4 |
| Bourges | 100 | 94.9e | 88.5 | 91.8 |
| Brest | 50 | 95.4 | 97.8 | 89.4 |
| Caen | 50 | 99.6c | 91.53 | 95.6 |
| Carcassone | 125 | 88.3 | 96.5 | 90.9 |
| Chambery | 8 | 93.5 | 90.5 | 98.6 |
| Champagnole | 1 | 88.5g | 91.7 | 98.35 |
| Chartres | 50 | 94.55e | 98.15 | 89.7 |
| Chaumont | 10 | 96.5 | 90.4 | 93.3 |
| Cherbourg | 1 | 94.15f | 89.2 | 92.35 |
| Clermont-Ferrand | 40 | 90.4 | 98.4 | 95.5 |
| Corte | 1 | 98.2 | 91.0 | 94.8 |
| Dijon | 10 | 95.9d | 93.7 | 99.2 |
| Epinal | 10 | 98.6 | — | 89.4 |
| Gap | 5 | 98.3 | 88.5 | 95.3 |
| Gex | 20 | 94.4 | 96.7 | 89.6 |
| Grenoble Chamrousse | 2 | 99.4 | 88.2 | 91.8 |
| Gueret | 5 | — | 98.8 | 90.8 |
| Hirson | 5 | 94.41 | 99.7 | 97.2 |
| Hyeres | 1 | 87.9 | 97.7 | 95.4 |
| Laval | 5 | — | 88.3 | 92.1 |
| Le Havre | 1 | 89.9h | 93.3 | 98.5 |
| Le Mans | 100 | 92.6 | 89.0 | 97.0 |
| Le Puy | 10 | 99.3 | 89.3 | 92.8 |
| Lesparre | 1.5 | 92.4 | 90.3 | 95.1 |
| Lille | 150 | — | 98.0 | 88.7 |
| Limoges | 150 | 93.0 | 89.5 | 97.5 |
| Longwy | 5 | 98.1 | 88.3 | 91.0 |
| Lyon Mont Pilat | 50 | 99.8 | 88.8 | 92.4 |
| Lyon (Town) | 2 | 87.7 | 94.0 | 98.0 |
| Mantes | 5 | 95.0 | 92.4 | 97.1 |
| Marseille | 50 | 91.27i | 99.0 | 94.2 |
| Mende | 10 | 90.1 | 96.9 | 93.7 |
| Metz | 50 | 99.8 | 94.5 | 89.7 |
| Mezieres | 10 | 95.8 | 90.1 | 93.5 |
| Millau | 2 | 94.9 | 99.2 | 88.9 |
| Modane 2 | 3 | 91.0 | 97.6 | 94.7 |
| Montpellier | 9 | 89.4 | 97.8 | 92.9 |
| Mulhouse | 50 | 95.7a | 88.6 | 91.6 |
| Nancy | 10 | 96.9 | 88.7 | 91.7 |
| Nantes | 200 | 90.6 | 94.2 | 98.9 |
| Neufchatel-en-Bray | 5 | 92.7 | 96.0 | 90.2 |
| Nice | 10 | 100.2 | 101.9 | 92.2 |
| Nice (Town) | 1 | 88.1 | 97.4 | 94.4 |
| Niort | 200 | 99.4 | 96.4 | 91.1 |
| Orleans | 5 | 99.1e | 95.8 | 90.7 |
| Paris | 3 | +87.8 | +93.35 | 97.6 |
| Parthenay | 2 | 93.8 | 87.9 | 98.5 |
| Perpignan | 10 | 92.1 | 99.8 | 97.2 |
| Porto Vecchio | 1 | 96.8 | 90.8 | 98.9 |
| Reims | 150 | 96.8 | 98.85 | 89.2 |
| Rennes | 100 | 93.55b | 98.3 | 89.9 |
| Rouen | 100 | 96.5h | 94.0 | 92.0 |
| St. Etienne | 1 | 88.05 | 91.6 | 97.1 |
| Saint-Raphael | 10 | 96.3 | 88.7 | 99.6 |
| Sarrebourg | 10 | 93.1 | 99.4 | 90.3 |
| Sens | 10 | 96.25d | 98.5 | 93.8 |
| Strasbourg | 50 | 97.3a | 87.7 | 95.0 |
| Toulon | 1 | 94.9i | 89.6 | 97.1 |
| Toulouse (Pechbonnieu) | 1 | 95.25 | 90.55 | 93.1 |
| Toulouse (Pic du Midi) | 10 | 87.9 | 95.7 | 91.5 |
| Tours | 10 | 99.9e | 97.8 | 92.2 |
| Troyes | 50 | 95.3 | 97.9 | 91.4 |
| Ussel | 10 | 96.0 | 88.2 | 99.7 |
| Vannes | 5 | 88.6 | 96.0 | 91.8 |
| Verdun | 5 | 92.1 | 99.3 | 97.4 |
| Villers-Cotterets | 13 | 91.11 | 89.6 | 92.95 |
| Vittel | 5 | 98.25 | 89.0 | 94.0 |

+217 low-power sts not mentioned.

**D.PRGR. France-Inter:** Network A on LW/MW, C on FM; Allouis 164kHz, Strasbourg 1161kHz, Nice 1350kHz & Marseille 675kHz: 24h exc. Wed 0005-0358. Other MW tr's: 0428-2100; FM tr's: 24h (exc. Tues 2300-0500).
**SW relay:** 2200-0500 on 3965kHz. **N:** Hourly, plus 0430, 0530, 0630, 0730, 1130, 1730.
**France-Culture:** Network B on MW, D on FM: 0458 (Sun 0558)-2130 on MW, 0600-2300 on FM.
**N:** 0600, 0630, 0730, 0800, 1130, 1625, 1800, 2255.
**University broadcasts:** W approx 1700-1900 (term-time only).
**Schools Prgrs:** W (exc. Wed) approx. 1305-1700.
**France-Musique:** (Network E in stereo): 24h (exc. Tues 2300-0500). **N:** 0600, 0800, 1130, 1625, 1800, 2255.

**DECENTRALIZED PRGRS**

**D. PRGRS:** (subject to variation by each st): **Network B** on (MW): 0615-0700 & 1100-1200. **Network C** on FM: 0615-0630 & 0800-1200, also Sun 1700-1800 (sports).
a) R. Alsace, place de Bourdeaux, 67000 Strasbourg.
b) R. Armorique, 9 avenue Janvier, 35000 Rennes.
c) R. Basse Normandie, 41 rue Fred Scamaroni, 14000 Caen.
d) R. Bourgogne, 15 bis avenue Albert 1er, 21000 Dijon.
e) R. Centre, 2 place Anatole France, 45000 Orleans La Source.
f) R. France Cherbourg, place du Général de Gaulle, 50100 Cherbourg.
g) R. Franche Comte, la Citadelle, 25000 Besançon.
h) R. Haute Normandie, Place des Cotonniers, 76000 Rouen.

i) R. France Provence, 2 allée Ray Grassi, 13271 Marseille Cédex 08.
j) R. Pau Bearn, Casino Municipal, 64000 Pau.
k) R. Pays Basque, 1 rue de Donzac, 64100 Bayonne.
l) R. Picardie, 52 rue Delpech, 80000 Amiens.

**FRANCE INTER REGIONS**
**D.PRGRS: Network F** on MW: 0700-1700 (Su: 1600); On FM: 0600-2000. Prgrs consist of music and N.
**F.I. Bordeaux,** 95 rue Judaique, 33000 Bordeauc (96.7MHz 0.25kW).
**F.I. Cote d'Azur,** La Brague, 06200 Antibes (Cannes 92.6MHz 0.05kW, Nice 96.7MHz 0.25kW, Menton 91.75MHz 0.05kW).
**F.I. Lille,** 14 rue Léon Trulin, 59000 Lille (91.0MHz 0.25kW).
**F.I. Loire Atlantique,** 2 rue Gaëtan Rondeau, 44200 Nantes (Nantes 95.7MHz 2kW, Saint Nazare 97.2MHz 0.05kW).
**F.I. Lyon,** 14 rue des Cuirassiers, 69003 Lyon la Park Dieu (91.0MHz 0.5kW).
**F.I. Toulouse,** Chemin la Cépiere, 31081 Toulouse Cédex (98.5MHz 0.25kW).
**F.I. Marseille,** Parc Chanot, 2 allée Ray Grassi, 13008 Marseille (585kHz 4kW, 96.7MHz 0.01kW).
**F.I. Strasbourg,** Place de Bordeaux, 67011 Strasbourg Cédex (92.3MHz 0.05kW).
**F.I. Paris,** 116 avenue du Président Kennedy, 75786 Paris Cédex 16 (585kHz 8kW, 90.35MHz 12kW stereo).
**Radio Bleue:** Prgrs for older listeners W 0700-1100 on Network B.
**Radio 7:** 24h prgr for young people on Paris-Sannois 99.8MHz 10kW (stereo) and Paris Les Lilas 91.7MHz 10kW (stereo) — St. Mgr: Francis Rousseau.
**R. Sorbonne:** 963kHz 8kW. Rel. University lectures during term at 0900-1100 & 1300-1600 (Tues/Wed/Thurs).

**LOCAL STATIONS**
**R. Berry Sud,** 10 rue de la République, 36000 Chateauroux — 0500-2200 on 93.45MHz (2kW) + rel. st. on 89.3MHz.
**R. Bretagne Ouest,** rue de Falkirk, 29000 Quimper — W 0500-2200, Sun 0600-2300 on 93.0MHz 12kW + 4 relays.
**R. Cote d'Azur,** Palais Grimaldi, 06000 Nice—0455-2300 on 103.8MHz + 8 relays.
**Frequence Nord,** 14 rue Léon Trulin, 59002 Lille — 0445-2300 on 94.7MHz + 3 relays.
**R. La Creuse,** 4 rue de Stalingrad, 23000 Gueret — 0430 (Sun 0500)-2200 on 94.3MHz + rel. on 92.4MHz.
**R. Mayenne,** 9 rue du Lieutenant, 53000 Laval — 0500-2200 on 96.6MHz + rel. on 95.05MHz.
**R. Perigard,** 28 rue Ernest Guillier, 24000 Perigueux — 0445 (Sat 0515, Sun 0545)-2200 on 99.0MHz + 3 relays.
**R. Seine et Marne,** 24 Place St. Jean, 70000 Melun — 0430 (Sun 0600)-2300 on 90.0MHz + 2 relays.
**R. Vaucluse,** 17 Place Pignotte, 84000 Avignon — 0430 (Sat/Sun 0500)-2300 on 100.4MHz + rel. on 89.0MHz.
**R. Belfort,** Centre Commercial des 4 as, 90000 Belfort — 95.2MHz 0.3kW.
**R. Puy de Dome,** 80 Boulevard Gergovia, 63000 Clermont-Ferrand — 102.5MHz 1.5kw + 4 relays.
**R. Landes,** 13 Place Jean Jaure's, 40000 Mont de Marsan — Bayonne 100.5MHz 3kW, Mont de Marsan 98.8MHz 0.5kW.
**R. Drome,** 5/7 rue Poncet, B.P. 519, 26005 Valence Cédex — Valence 87.9MHz 2kW, Montelimar 100.9MHz 0.5kW + 4 relays.
**R. Isere,** 10 rue Etienne Forest, 38000 Grenoble — W 0500-2200, Sun 0600-2300 on Grenoble 98.2MHz, Lyon 101.8MHz + 5 relays.
**R. Bordeaux Gironde,** 95 rue Judaique, 33000 Bordeaux — 0600-0700 on Bordeaux 1206kHz; 101.0MHz (h. of tr. unknown at time of editing).
**R. Corse,** 4 rue Favalelli, 20200 Bastia — Bastia 100.5MHz, Ajaccio 101.7MHz.
**R. France Nancy,** 14 route de Mirecourt, 54042 Nancy Cédex — 0600-0700 & 1100-1300 on 837kHz, 0500-1800 on 98.95MHz 0.25kW.
**R. France Lyon,** 14 rue des Cuirassiers, 69003 Lyon — 0600-0700 & 1100-1300 on Lyon 603kHz, 0500-1800 on 87.7MHz 0.5kW.
**R. France Toulouse,** Chemin de la Cépiere, B.P. 1289, 31047 Toulouse Cédex — 0600-0700, 1100-1200 & 1700-1800 on Toulouse 945kHz; 0500-1800 on 95.2MHz 1kW.
Details of the following st's were not known at time of editing: R. France Herault, Avenue de la Colline, 34063 Montpellier Cédex — R. France Limoges, 6 Boulevard Victor Hugo, 87000 Limoges — R. France Nimes, 685 rue d'Arles, 30000 Nimes — R. France Loire Ocean, 2 rue Gaëtan Rondeau, 44000 Nantes — R. France Perpignan, 2 rue Alexis Carrel, 66000 Perpignan.

## SUD RADIO (Comm.)

**ADDR:** 1 rue Caraman, F-31000 Toulouse. **Te:** (061) 62.37.00. (Addr. in Paris: 78 avenue Raymond Poincaré, F-75016 Paris).
**STATIONS:** Toulouse (Gauré) and Pau (Seron), both 819kHz.
**D.PRGR:** 0500-2130 (rel. main st. in Andorra). Other details: see "Andorra".

**PRIVATE STATIONS**
As of August 10th 1984, a total of 883 licenses were allocated to private comm. and non-comm. st's. All broadcast locally on FM.

## RADIO FRANCE INTERNATIONALE

Société nationale de radiodiffusion sonore pour l'étranger filiale de Radio France (RFI).
**ADDR:** R.F.I., B.P. 9515, 75762 Paris Cédex 16. or: R. France Internationale, 116 Avenue du Président Kennedy, 75016 Paris.
**Te:** (1) 230.30.71. **Telex:** RFI 614 171 F.
**L.P:** Dir. Gen: Fouad Benhalla. Secr. Gen: Gilbert Calafato. Dir. Prgr. & N: Philippe Sainteny. Ext. Rel: Elisabeth Gillion.

### HOME SERVICE

**For Foreign Workers** (on Mediumwave Network B): Mon-Fri 0435-0600, Sat 0500-0600 in Arabic, Cambodian, Lao, Portuguese, Serbo-Croat, Spanish, Turkish, Vietnamese & French for Africans. Schedules on request.
**Addr:** R.F.I. Emissions pour les travailleurs étrangers Immigrés, 116 Av. Prés. Kennedy, 75016 Paris Cédex 16.
**Polish** on Lille 1377kHz: Mon-Fri 1800-1830.

### FOREIGN SERVICE

**STATIONS: MW:** Toulouse 945kHz 300kW, Strasbourg 1278kHz 300kW — **SW:** Allouis (G.C: 02.00E/47.00N) and Issoudun (G.C: 02.13E/47.10N): 12×100kW, 8×500kW, 1×4kW. 3 sites of vertical curtain type antennas.
**Relay stations:** Gabon (G): 2×500kW SW-tr's; Montsinery, French Guiana (M): 3×500kW SW-tr's. Further details under the respective country headings.

| kHz | kHz | kHz | kHz | kHz | kHz | kHz |
|---|---|---|---|---|---|---|
| 3965 | 7145 | 9715 | 11805 | 15140 | 15425 | 17860 |
| 5990 | 7160 | 9745 | 11810 | 15155 | 15435 | 21515 |
| 5995 | 7240 | 9790 | 11825 | 15180 | 15440 | 21580 |
| 6010 | 7280 | 11670 | 11845 | 15190 | 17620 | 21620 |
| 6040 | 9535 | 11695 | 11880 | 15195 | 17720 | 21645 |
| 6045 | 9545 | 11700 | 11930 | 15200 | 17785 | 21685 |
| 6055 | 9550 | 11705 | 11955 | 15300 | 17795 | 21705 |
| 6085 | 9575 | 11770 | 11965 | 15315 | 17800 | 21730 |
| 6140 | 9605 | 11790 | 11995 | 15360 | 17845 | 25820 |
| 6175 | 9660 | 11800 | 15135 | 15365 | 17850 | 25900 |
| 7135 | | | | | | |

### SHORTWAVE SCHEDULE

**TO EUROPE:**

| English | kHz | German | kHz |
|---|---|---|---|
| 1600-1700 | 6175 | 1800-1900* | 6010, 7145 |
| **French** | | **Portuguese** | |
| 0500-0900 | 3965, 6175 | 1600-1700 | 11845 |
| 0900-1600 | 6175 | **Spanish** | |
| 1700-1800 | 6175 | 2200-2300° | 6040 |
| 1800-2200 | 3965, 6175 | | |

*)Su: 1700-1800 — °)Su: 2100-2200 on 5995kHz.

**TO EASTERN EUROPE**
**French:** 0530-0545, 0600-1630, 1700-1730, 1800-2045. **Polish:** 0545-0600, 1730-1800, 2115-2145. **Romanian:** 1630-1700. **Russian:** 0400-0430, 2045-2115.

| kHz | H. of tr. | kHz | H. of tr. | kHz | H. of tr. |
|---|---|---|---|---|---|
| 5990 | 0530-0700 | 9715 | 1700-2145 | 15155 | 1000-1700 |
| 6045 | 0400-0430 | 9745 | 0400-0430 | 15180 | 0700-1000 |
| | 1800-2145 | | 0530-0800 | 15190 | 1400-1900 |
| 7135 | 1800-2145 | 11770 | 0800-1700 | 15195 | 1000-1400 |
| 7240 | 0400-0430 | 11790 | 0530-0800 | 15315 | 1700-1800 |
| 7280 | 0530-0800 | 11800 | 0700-0900 | 21705 | 1000-1400 |
| 9605 | 1900-2145 | 11995 | 1600-2145 | | |

# RFI

## RADIO FRANCE INTERNATIONALE

wherever you are - provided you know how to use your receiver - you can hear RADIO FRANCE INTERNATIONALE

For details, programmes and schedules apply at :

**P. O. box 9516 PARIS 16 FRANCE**

**TO AFRICA/INDIAN OCEAN**
**French:** 0300-0315, 0330-0345, 0400-0415, 0430-0445, 0500-2200. **English:** 0315-0330, 0345-0400, 0415-0430, 0445-0500; 1600-1700 on freqs marked (+).
**Portuguese:** 1600-1700 on 17845kHz, 1800-1900 on 15300kHz.

| kHz | H. of tr. | kHz | H. of tr. |
|---|---|---|---|
| 5990 | 0500-0600 | 11880 | 0300-0600 |
| 6175 | 2030-2200 | 11930 | 1800-2200 |
| 7135 | 0300-0700 | 11965 | 1900-2200 |
| G7135 | 0400-0500 | 11995 | 0400-0700 |
| G7160 | 1800-2200 | 15135 | 0500-0900 |
| 9535 | 0300-0500 | 15155 | 0500-1000 |
| 9545 | 0300-0400 | 15200 | 1700-1900 |
| 9575 | 1900-2030 | 15300 | 0600-2030 |
| 9660 | 0600-0700 | 15315+ | 1600-1700 |
| 9790 | 0400-0800 | 15435 | 1800-2030 |
| G9790 | 0500-0600 | 17620+ | 0700-1900 |
| | 1800-2200 | 17795+ | 1600-1800 |
| 11700 | 0500-0800 | 17800 | 0600-0800 |
| G11705+ | 1600-1700 | 17845 | 1600-1900 |
| 11705 | 1700-2030 | 17850 | 0700-1600 |
| 11800 | 0600-0800 | 21515 | 1700-1800 |
| 11805 | 1800-2030 | 21580 | 0800-1800 |
| 11845 | 0800-1600 | 21685+ | 1000-1700 |

**TO THE MIDDLE EAST**
**D.Prgr:** rel. African Sce. in French/English.

| kHz | H. of tr. | kHz | H. of tr. |
|---|---|---|---|
| 7135 | 0300-0600 | 11705 | 0400-0600 |
| 9550 | 0300-0600 | 15315 | 1600-1700 |

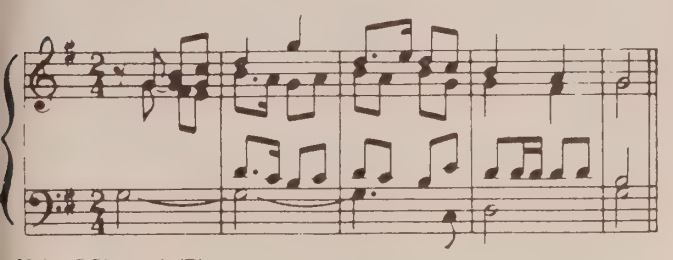
**TO EASTERN NO. AMERICA & THE CARIBBEAN**
**French:** 1145-1700 (Su: 1045-1600) on 15365/17720/21645kHz.

**TO LATIN AMERICA**
**French:** 1030-1100, 1200-1245, 1315-1400, 2200-2300, 2330-0030, 0130-0200, 0300-0315, 0330-0345. **English:** 0315-0330, 0345-0400. **Portuguese:** 2200-2300 on freqs marked (*); 0200-0300. **Spanish:** 1000-1030, 1130-1200, 1245-1315, 2300-2330, 0030-0130.

| kHz | H. of tr. | kHz | H. of tr. |
|---|---|---|---|
| 6055 | 0030-0200 | 11965* | 2200-0030 |
| 6085 | 2330-0030 | 11995 | 2200-0030 |
| 6140 | 2300-0200 | 11995 | 0300-0400 |
| 9535 | 2200-0200 | M15140 | 1130-1400 |
| M9790 | 1000-1030 | M15200 | 2200-0130 |
| | 0200-0400 | M15435 | 1030-1200 |
| M11670* | 1030-1400 | M15440* | 2300-0300 |
| | 2200-0400 | M17620* | 2200-2300 |
| M11825 | 1000-1130 | M17860 | 1200-1400 |
| 11955 | 2200-2300 | | |

**TO ASIA**
**French:** 2300-0030 on 7135/9605/11695kHz.

**Médias France Intercontinents** (transmissions for rebroadcasting in African countries): W 0915-0945 on 17795/21685/21730/25820/25900kHz; W 1515-1545 on 17785/17795/21685/25820/25900kHz.
**ANN:** "Ici Radio France Internationale" or "Ici Paris, Radio France Internationale" — **INT-SIG:** Popular song: "Nous n'irons plus au bois", plus specific int. sig. of the RFI prgrs.



**V.** by QSL-card. (B).

**NB: Le WRTH Newsletter contient les grilles des programmes pour l'été de la plupart des stations de radiodiffusions internationales — voir annonce dans cette édition!**

# GERMANY (Federal Republic)

**L.T:** UTC + 1h (Su: UTC + 2h) — **Pr.L:** German
**EC:** a/c 50, 220/380V (yes).

**BUNDESMINISTERIUM FUR DAS POST-UND FERNMELDEWESEN,** Adenaueralle 81, D-53 Bonn.
**Cable:** Gentelfreq.

**Arbeitsgemeinschaft der öffentlich-rechtlichen Rundfunkanstalten der Bundesrepublik Deutschland (ARD).**

Broadcasting (Radio and Television): Chmn: Intendant Friedrich Wilhelm Räuker, NDR, Rothenbaumchausse 132, 2000 Hamburg 13 — **Permanent Office:** Ass. Chr. Strupp, 6 Frankfurt/Main, Bertramstrasse 8.
**Members:** Bayerischer, Hessischer, Norddeutscher, Saarlandischer, Suddeutscher und Westdeutscher Rundfunk, Radio Bremen, Sender Freies Berlin, Sudwestfunk, Deutschlandfunk, Deutsche Welle and as guest partaker at meetings: RIAS Berlin.
**ALF:** DM 195, — (Radio only DM 60.60).

## COMMON ARD SERVICES
(exc. RIAS, DLF, DW)

**ARD night programme**
**Version A:** an all-night light/MOR-music prgr 2130-0500.
**N:** on the h. The time each st joins in varies, most st's start the relay at 2305, some already at 2130 but broadcast own news bulletins at 2200 and 2300. In the morning many st's start with own prgr's yet before the night prgr has ended.
**Version B:** a classical music prgr on FM 2305-0100.
Both versions are produced in turn by all participating ARD st's.

**ARD prgr for foreign workers:**
**Edition I:** 1640-2000 (1640 Turkish, 1720 for Yugoslavs, 1800 Italian, 1840 Spanish, 1920 Greek), relayed by HR, NDR, RB and WDR.
**Edition II:** 1800-2120 (1800 Italian, 1840 Spanish, 1920 Greek, 2000 Turkish, 2040 for Yugoslavs), relayed by BR, SR, SFB, SDR and SWF.
On Sun, HR broadcasts the multilingual prgr **"Rendezvous in Deutschland"** 1000-1300 (1000 multilingual, 1030 for Yugoslavs, 1100 Turkish, 1130 Italian, 1200 Spanish, 1230 Greek) with information in both German and the respective immigrant language; this prgr is relayed by NDR, RB, SFB and WDR.

## BAYERISCHER RUNDFUNK (Anstalt des öffentlichen Rechts)

**ADDR:** D-8000 München 2, Rundfunkplatz 1. **Cable:** Bayernfunk München. **Te:** (089) 59000. **Telex:** 52107-0 brmd.
**L.P:** Intendant: Reinhold Vöth. Prgr. Dir: Dr. G. Mösler. Dir. Adm: O. Maier. Dir. Tec: F. Müller-Römer.

| Stations | kHz | kW | | kHz | kW |
|---|---|---|---|---|---|
| Hof | 520 | 0.2 | München | 801 | 300/550 |
| Würzburg | 520 | 0.2 | Nürnberg | 801 | 50 |

**Shortwave** (G.C: 11.45E/48.15N): DMR24 6085kHz 100kW.

| FM(MHz) | I | II | III | IV | kW |
|---|---|---|---|---|---|
| Bad Reichenhall | 91.8 | 89.0 | 96.7 | 98.3° | 0.3/0.1* |
| Bamberg | 94.8 | 89.6 | 99.8 | 97.4° | 25/5* |
| Berchtesgaden | 90.4 | 99.6 | 96.9 | 94.0° | 0.3/0.1* |
| Brotjacklriegel (a) | 92.1 | 96.5 | 94.4 | | 100 |
| Büttelberg/ Frankenhöhe (b) | 91.4 | 88.2 | 99.3 | 95.5° | 25/10 |
| Coburg | 93.5 | 88.3 | 99.2 | 97.7° | 5/0.5* |
| Dillberg (c) | 88.9 | 92.3 | 97.9 | 87.6° | 25 |
| Garmisch-Partenkirchen | 93.5 | 89.2 | 97.7 | 95.9° | 0.5 |
| Gelbelsee (d) | | 90.5 | 97.6 | 88.0° | 25/10* |
| Grünten/Allgäu | 90.7 | 88.7 | 95.8 | 102.5° | 100/10* |
| Herzogstand | 88.1 | 97.0 | 91.0 | 104.7° | 0.1 |
| Hochberg b. Traunstein | 98.0 | 91.5 | 95.9 | 97.0° | 5/0.5* |
| Hohe Linie (e) | 95.0 | 93.0 | 99.6 | 97.0° | 25/5* |
| Hohenpeissenberg | 92.8 | 94.2 | 99.2° | 103.7° | 25/5* |
| Hoher Bogen (f) | 96.8 | 91.6 | 94.7 | 88.3° | 50/5* |
| Hühnerberg (g) | 91.9 | 96.1 | 99.5 | 93.1° | 25/10 |

| FM (MHz) | I | II | III | IV | kW |
|---|---|---|---|---|---|
| Inntal (Kiefersfelden) | 100.2 | 92.9 | 95.9 | | 0.05 |
| Kreuzberg Rhön | 98.3 | 93.1 | 96.3 | | 100 |
| Landshut | 90.2 | 97.8 | 95.3 | 93.2° | 0.1 |
| Lindau | 88.1 | 92.0 | 94.0 | 87.6° | 0.5/0.1* |
| München | 91.3 | 88.4° | 97.3 | 89.95° | 25 |
| Ochsenkopf (h) Fichtelgebirge | 90.7 | 96.0 | 99.4 | 88.0° | 100/25 |
| Passau | 87.7 | 93.2 | 90.4 | 95.6° | 0.5 |
| Pfaffenberg b, Aschaffenburg | 95.6 | 88.4 | 93.4 | 98.0° | 25/0.5 |
| Reit i. Winkl. | 91.0 | 87.9 | 97.1 | 93.1° | 0.1 |
| Tegeseer Tal | 94.1 | 87.7 | 99.7 | 97.9° | 0.5/0.1 |
| Untersberg | 87.8 | 103.0 | 96.1 | 92.9° | 0.1 |
| Wendelstein (i) | 93.7 | 89.5 | 98.5 | 103.3° | 100/5* |
| Würzburg | 90.9 | 90.0 | 97.6 | 89.0° | 5 |

°) For Foreign Workers — *) The reduced power applies to prgr. IV only — a) Deggendorf — b) Windsheim — c) Neumarkt — d) Ingolstadt — e) Regensburg — f) Cham — g) Donauwörth — h) Bayreuth — i) Bay. Zell.

**BR1** (On MW, SW and FM I): 0430 (Sun 0450)-2308 (Sat/Sun 2400).

**N, Wrp:** On the h exc. 1300, 1500, 1900, 2000; Sat 0500, 0900, 1100, 1500, 1600, 1900, 2000; Sun 0600, 0900, 1100, 1300, 1500, 1600, 1900, 2000

**BR2:** 0430 (Sun 0450)-2305 on FM II.

**N:** 0500, 0600*, 0700*, 0900**, 1100, 1500, 1700**, 1900, 2100, 2300 — *) W; **) Mon-Fri.

**BR3:** 0430-2308 (Sat/Sun 2305) on FM III.

**N:** On the h; Mon-Fri also 0430, 0530, 0630.

Mon-Fri N. in English (0810), Italian (0820), French (0830).

**BR4:** 0430 (Sun 0450)-2040 on FM IV.

Relay BR2 and own prgrs. **N:** 0700, 1100, 1500, 1700. Also prgrs for foreign workers (edition II).

**ARD Nightprgr:** Version A on MW/SW + FM I, version B on FM II.

**ANN:** "Hier ist der Bayerische Rundfunk". — **V.** by QSL-card or letter.

**PUB:** "Pressedienst" (Weekly) — **AD:** Mon-Fri 0525-0600, 1230-1315; Sat 0525-0600, 0645-0700.

## DEUTSCHE-WELLE (Anstalt des öffentlichen Rechts)

**ADDR:** Raderberggürtel 50, P.O. Box 10 04 44, D-5000 Köln 1.
**Te:** (0221) 3890. **Telex:** 888485.

**L.P:** Intendant: Klaus Schütz; Chiefeditor: Josef M. Gerwald; Dir. Tec: Günter Roessler; Dep. Dir. Tec: Dr. Dieter Godtmann; RF-Dept: Peter Senger; LF-Dept: Karl Wenzel; Operation: Klaus-Wilhelm Kossmann; Constr: Willi Schalenbach; Dir. Adm./Stellv. Intendant: Dr. Heinz Fellhauer; Public-Relations-Dept: Lothar Schwartz; German prgr: Werner Bader; Asia-prgr: Dr. Wolfgang Weise; Africa-prgr: Hans-Dieter Klee; Near/Middle-East-prgr: Dr. Herbert Reichard; iber.-Lat.-America-prgr: Alfred Herzka; North America-prgr: Wolfgang Pleines; East-Europe-prgr: Botho Kirsch; South-East-Europe-prgr: Dietrich Schlegel; DX-Editor: W. Krämer.

**Stations:** Jülich (G.C: 06.22E/50.57N) 9 × 100kW trs; Wertachtal (G.C: 10.41E/48.05N) 8 × 500kW trs; Kigali-Rwanda (G.C: 30.07E/01.53S) 2 × 250kW trs, and over 2 × 250kW trs at Sines/Portugal (G.C: 08.45W/37.57N); Malta (G.C: 14.34E/35.50N) 3 × 250kW SW-trs and 1 × 600kW MW-tr; Antigua (G.C: 61.48W/17.06N); 2 × 250kW SW-trs; Montserrat (G.C: 62.11W/16.43N): 1 × 50kW tr.

| kHz | kHz | kHz | kHz | kHz | kHz | kHz |
|---|---|---|---|---|---|---|
| 1557 | 6130 | 7225 | 9625 | 11785 | 15120 | 17715 |
| 3995 | 6135 | 7235 | 9640 | 11795 | 15135 | 17765 |
| 5960 | 6140 | 7265 | 9650 | 11805 | 15160 | 17780 |
| 5995 | 6145 | 7270 | 9680 | 11810 | 15185 | 17800 |
| 6000 | 6160 | 7275 | 9690 | 11820 | 15205 | 17810 |
| 6020 | 6190 | 7285 | 9700 | 11850 | 15245 | 17845 |
| 6025 | 7105 | 7295 | 9715 | 11855 | 15260 | 17860 |
| 6035 | 7110 | 9510 | 9735 | 11865 | 15270 | 17875 |
| 6040 | 7130 | 9545 | 9750 | 11905 | 15275 | 21500 |
| 6045 | 7145 | 9565 | 9765 | 11910 | 15320 | 21560 |
| 6065 | 7150 | 9570 | 9770 | 11950 | 15355 | 21590 |
| 6075 | 7155 | 9575 | 11705 | 11955 | 15360 | 21600 |
| 6085 | 7170 | 9585 | 11720 | 11965 | 15405 | 21650 |
| 6100 | 7175 | 9605 | 11725 | 15105 | 15410 | 21680 |
| 6120 | 7200 | 9615 | 11765 | | | |

### OVERSEAS SERVICE

**Abbreviations:** I = Australia/New Zealand; II = Japan/Ea. Asia; III = So. Asia; IV = So. Ea. Asia; V = No. Africa/Mid. East; VI = Europe; VII = Africa; VIII = So. America/Ce. America; IX = No. America.

### GERMAN PROGRAMMES

M = Malta, K = Kigali, A = Antigua, MT = Montserrat, S = Sines, C = Canada

| H. of tr. | Areas | kHz |
|---|---|---|
| 0600-0800 | I/III/IV/VI/VII | 6075, 9545, 9690 (A),9700, 9735, 11705 (MT), 11785 (A), 11795 15275, 17845, 21560 |
| 0800-1000 | I/II/VI | 6075, 9545, 9690 (A), 9700, 9735, 11705 (MT), 11785 (A), 11795, 15205, 15320, 17845, 21560 |
| 1000-1200 | II/V/VI | 6075, 9545, 11820, 15105, 17845, 21560 |
| 1200-1400 | II/III/IV/VI/VII/VIII/IX | 6075, 9545, 11705 (MT), 11820, 11865 (S), 15105, 15245 (S), 15275 (A), 17715 (A), 17845, 21560, 21680 (S) |
| 1400-1600 | III/IV/V/VI/IX | 1557 (M), 6075, 9545, 9615, 11795 (M), 11855, 15210, 15275, 17845 |
| 1600-1800 | III/IV/V/VI/VII/VIII/IX | 1557 (M), 6075, 9545, 9615, 9715, 11795 (M), 11950, 15275 |
| 1800-2000 | VI/VII/IX | 3995, 6075, 7175, 9735 (K), 11795, 11950, 15275, 17860 (K) |
| 2000-2200 | I/III/IV/VI/VII/VIII | 3995, 6075, 7175, 9615, 9735 (K), 11720, 11765, 11795, 11955, 15355 (A), 17810 (A), 17860 (K) |
| 2200-2400 | II/III/IV/VI/VIII/IX | 3995, 6040, 6075, 6100, 7235, 9650, 9690, 9735, 11705 (K), 11765, 11795, 15270 (K), 15410 (A) |
| 0000-0200 | III/IV/VI/VIII/IX | 3995, 6075, 6100, 7170, 9625 (K), 9735, 11765 (K), 11795, 15410 (A) |
| 0200-0400 | I/VI/VIII/IX | 3995, 6075, 6085 (A), 6100, 6145, 9545 (M), 9570, 9735, 11795 (M) |
| 0200-0300 | | 9625 (K), 11765 (K) |
| 0330-0400 | | 6085 (C), 9605 (C) |
| 0400-0547 | III/IV/VI/VII/IX | 3995, 6075, 6085 (A), 6145, 9605 (C), 9735, 11785 (M), 11795 (M) |

**N** (incl. Wrp): Every h. on the h.

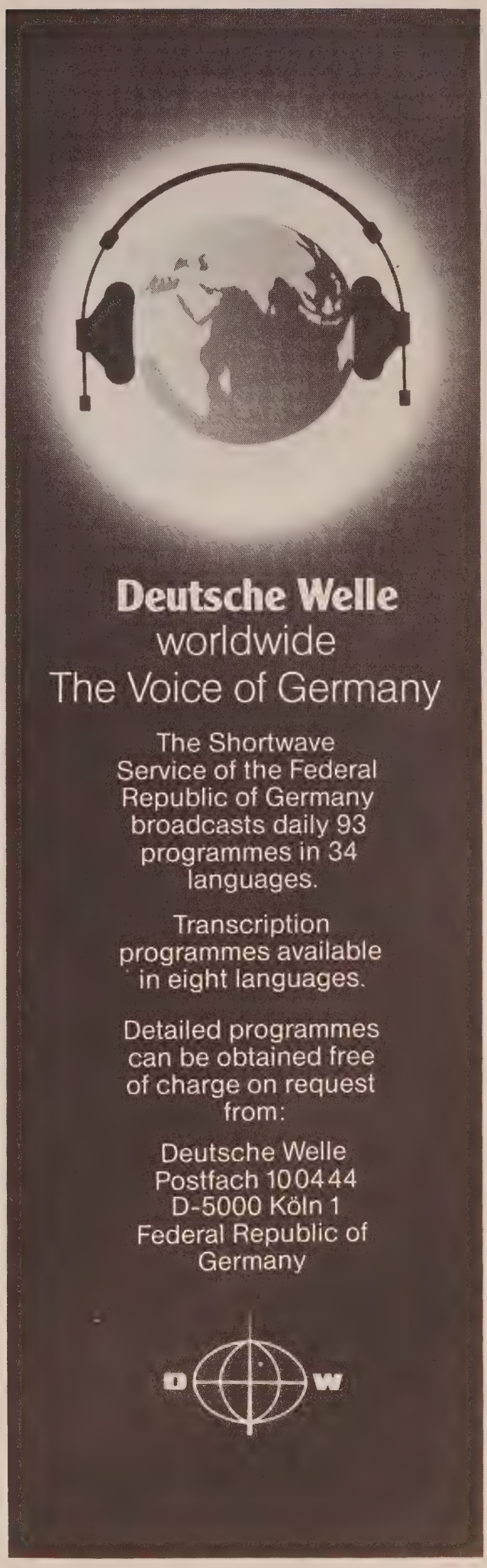
**Comm:** 0610, 0810, 1010, 1210, 1410, 1810, 2010, 2210, 0010, 0210, 0410 — **Press Review:** 0910, 1310, 1710, 2110, 0110, 0510 — **Travel-Inf. for Tourists in Europe** (incl. wrp, SOS-calls etc): Mon-Fri 0835, 1510; Sat 1615 — **Unter uns gesagt** (Listeners Mailbag and Information) Sun 0945, 1345, 1745, 2145, 0145 — **DX-Prgr:** 2nd Fri. of the month 0835, 1235, 1635, 2035, 0035, 0435.

### FOREIGN LANGUAGE PROGRAMMES

M = Malta, K = Kigali, A = Antigua, MT = Montserrat, S = Sines,

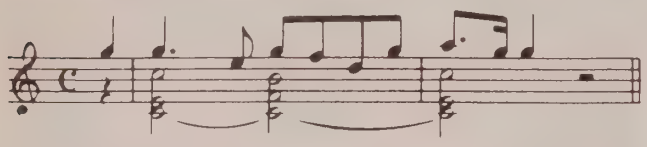
| Amharic | Area | kHz |
|---|---|---|
| 1030-1120 | VII | 11785 (K), 15410 (K), 17765, 21600 |
| **Arabic** | | |
| 0415-0550 | V | 1557 (M), 6025 (M), 6045, 6100, 7235, 9640 |
| 1100-1150 | V | 1557 (M), 11865, 11905 (M), 15120, 17715 |
| 1900-2035 | V | 1557 (M), 6000 (M), 6145, 7105, 7265 (M), 9545 |
| **Bengali** | | |
| 0100-0150 | III | 6065, 7285, 9690 |
| **Bulgarian** | | |
| 1000-1045 | VI | 9680, 11795, 15245 |
| 1630-1720 | VI | 11855 (S), 15160 (S) |
| 2130-2200 | VI | 7285 (S), 9615 (S) |
| **Chinese** | | |
| 1245-1420 | II | 9510, 11785, 15185 |
| **Czech/Slovak*** | | |
| 0530-0600 | VI | 6190 (S), 7270 (S) |
| 1100-1150 | VI | 6020, 6065, 7130 |
| 1830-1915 | VI | 7285 (S), 9615 (S) |
| 2030-2115 | VI | 7285 (S), 9615 (S) |
| **Dari** | | |
| 0312-0325 | V | 6135, 7275, 9650, 9690 |
| 0800-0830 | V | 15185, 15275, 17715, 17875, 21650 |

| English | Area | kHz |
|---|---|---|
| 0100-0150 | IX | 6040 (A), 6085, 6145, 9545 (MT), 9565 (M), 11785 (M), |
| 0200-0250 | III | 6035, 7285, 9690, 9715 (M) |
| 0430-0515 | VII | 6065, 7150, 7225 (K), 9565 (K), 9765 |
| 0500-0550 | IX | 5960, 6120, 9545 (A), 9690, 11705 (MT) |
| 0600-0630 | VII | 9570, 9615, 11765, 11905, 15260 |
| 0930-1020 | I/IV | 9650 (A), 9770, 15275, 17780, 17800 (K), 21500 (K), 21680 |
| 1230-1315 | VII | 15410 (K), 17765, 17800 (K), 21600 |
| 1500-1550 | VII | 9735 (K), 11965 (K), 15135, 17800 |
| 1610-1650 | III | 7110, 9585, 11705 (M), 11725, 11785, 15405 (M) |
| 1930-2020 | VII | 7225, 9700, 11785 |
| 2100-2150 | I/IV | 7130, 9765 |
| **French** | | |
| 0515-0550 | VII | 6065, 7150, 7225 (K), 9565 (K), 9765 |
| 0700-0750 | VII | 9570, 9615, 11765, 11905, 15260 |
| 1315-1415 | VII | 15410 (K), 17765, 17800 (K), 21600 |
| 1650-1750 | VII | 9735 (K), 11965 (K), 15135, 17800 |
| **Greek** | | |
| 1800-1850 | VI | 6000 (M), 6140, 7105 (M) |
| **Hausa** | | |
| 0630-0700 | VII | 9570, 9615, 11765, 11905, 15260 |
| 1415-1450 | VII | 15410 (K), 17765, 17800 (K), 21600 |
| 1900-1930 | VII | 7225, 9700, 9715, 11785 |
| **Hindi** (Sanskrit twice monthly) | | |
| 1520-1610 | III | 7110, 9585, 11705 (M), 11725, 11785, 15405 (M) |
| **Hungarian*** | | |
| 1200-1230 | VI | 6065, 7130 |
| 1930-2030 | VI | 7285 (S), 9615 (S) |
| **Indonesian** | | |
| 1245-1350 | IV | 11805, 15320, 17780 (M), 17875, 21590 (M), 21650 (M) |
| **Japanese** | | |
| 1130-1230 | II | 9650 (M), 11805, 11850, 15320 (M), 15360 |
| **Maghreb** | | |
| 2045-2120 | V | 1557 (M), 6000 (M), 6145, 7105, 7265 (M), 9545 |
| **Persian** | | |
| 1000-1050 | V | 11865, 15120, 17715 |
| 1630-1720 | V | 7130, 9510, 9615, 11910 |
| **Polish*** | | |
| 0600-0630 | VI | 6190 (S), 7270 (S) |
| 1245-1320 | VI | 6065, 7130 |
| 1730-1830 | VI | 7285 (S), 9615 (S) |
| **Portuguese** | | |
| 2130-2300 } 0030-0050 } | VIII | 6145, 9545, 9700, 11785 (M), 11810, 11865 (MT), 15105 (A), 15260 (M) |
| 1000-1040 | VIII | 9735 (A), 11705 (MT), 11810 (A), 15205 (A) |
| 1900-1950 | VII | 7150, 9765, 11720 |
| 2030-2120 | VI | 6130, 7225 |
| **Pushto** | | |
| 0300-0312 | V | 6135, 7275, 9650, 9690 |
| 0830-0900 | V | 15185, 15275, 17715, 17875, 21650 |
| **Russian** | | |
| 0345-0450 | VI | 6130, 7285, 9650, 9690, 11905 |
| 1200-1235 | VI | 15185, 17875, 21590 |
| 1520-1620 | VI | 9510, 9770, 11905, 15185 |
| 1730-1835 | VI | 7155, 7200, 9770, 11855, 11865 |
| **Romanian** | | |
| 1045-1120 | VI | 9680, 11795, 15245 |
| 1610-1630 | VI | 11855 (S), 15160 (S) |
| 1800-1850 | VI | 6160, 7145 |
| **Serbo-Croat/Macedonian/Slovene** | | |
| 0800-0835 | VI | 5995, 6130, 7130, 7235 |
| 1400-1510 | VI | 6130, 7130, 9615 |
| 2200-2230 | VI | 7285 (S), 9615 (S) |
| **Spanish** | | |
| 0200-0330 | VIII | 6045, 9640, 9700, 11785 (A), 11810 (MT) |
| 1100-1130 | VIII | 9735 (A), 11705 (MT), 15205 (A) |
| 2000-2050 | VI | 6120, 7235 |
| 2300-0030 | VIII | 6145, 9545, 9700, 11785 (M), 11810, 11865 (MT), 15105 (A), 15260 (M) |
| **Swahili** | | |
| 0330-0430 | VII | 6065, 7150, 7225 (K), 9565 (K), 9765 |
| 1130-1215 | VII | 11785 (K), 15410 (K), 17765, 21600 |
| 1550-1650 | VII | 9735 (K), 11965 (K), 15135, 17800 |

| Turkish | Area | kHz |
|---|---|---|
| 0600-0650 | V | 5960, 6025 (M), 7295, 9625 (M), 9750, 11865 |
| 1700-1750 | V | 6100 (M), 6140, 7105 (M), 9605 |
| **Urdu** | | |
| 1430-1520 | III | 7110, 9585, 11705 (M), 11725, 11785, 15405 (M) |

*Programme produced by DLF.
**N:** 2 mins after beginning of each transmission.
**DX-PRGR.** in Japanese: Tues following 2nd Sat at 1140; in Spanish: 3rd Sun of the month.
**ANN:** G: "Hier ist die Deutsche Welle". E: "This is R. Deutsche Welle, the Voice of Germany". F: "Ici la Voix de l'Allemagne". Sp: "Habla la Voz de Alemania". P: "Esta é Voz de Alemanha".
**INT-SIG:** Motif from "Fidelio" by Beethoven. "Es succht der Bruder seine Brüder" played on Celeste.



**V.** by QSL-card (B). Unstamped and addressed return envelope. Rec. acc. — **PUB:** Monthly prgr. sched. free.

## DEUTSCHLANDFUNK
## (Gemeinnützige Anstalt des öffentlichen Rechts)

**Purpose:** Veranstaltung von Rundfunksendungen für Deutschland und das europäische Ausland, die ein umfassendes Bild Deutschlands vermitteln.
**ADDR:** 5000 Köln 51, Raderberggürtel 40. **Te:** (0221) 345-1.
**Telex:** 888.4920.
**L.P:** Dir. Gen: Richard Becker. Dir. Actual Prgr: B. Wördehoff. Dir. Cultural Prgr: Dr. P. Kliemann. Dir. European Prgr: Dr. J. Reiss. Dir. Prgrbetrieb u. Sendeleitung: E. Imelmann. Verwaltungsdirektor and Justitiar: K. Prissok. Dir. of Engineering: W. Hinz. Chief Press Dept: Dipl. Pol. H. Rülke. Head, English Section: H.P.W. Weymar.

| STATIONS | kHz | kW | | kHz | kW |
|---|---|---|---|---|---|
| Donebach (a) | 155 | 500 | Ravensburg | 756 | 100 |
| München | | | Braunschweig | 756 | 800/ |
| Erching | 209 | 500 | | | 200 |
| Thurnau (b) | 549 | 200 | Neumünster | 1269 | 600 |
| Nordkirchen (c) | 549 | 100 | Mainflingen (d) | 1539 | 700 |

**FM:** Bonn 89.1MHz 1kW.
a) Dillenburg — b) Kulmbach — c) Hamm — d) Aschaffenburg.
**HOME SERVICE in German:** 24h.
**N:** Every h on the h (exc. 2000); also on W at 0330, 0430, 0530, 0630; 2030 (daily).
**Shipping Forecasts:** 0540, 1140 (on 1269kHz); 0005 (on 1269/1539kHz).
'Music and Information': Mon-Fri 0405, 0505, 0615 — 'German Pressreview': W 0605 — German and Foreign Press Review: 0805 — 'Das Wochenend-journal': Sat 0615, 0710 — 'Aus Ostberliner Zeitungen': W 0635 — 'Interview der Woche': Sun 1005 — 'International Pressreview': W 1130 — 'Germany and the World': Mon-Fri 1705 — Religious Sce: W 0535, Sun 0905.

**FOREIGN SERVICE**

| Czech/Slovak | kHz | Italian | kHz |
|---|---|---|---|
| 1900-1930 | 1539 | 2200-2230 | 1539 |
| **Danish** | | **Norwegian** | |
| 1845-1915 (W) | 1269 | 2100-2130 (W) | 1269 |
| **Dutch** | | **Polish** | |
| 2000-2030 | 1269 | 1930-2000 | 1539 |
| **English** | | **Rumanian*** | |
| 1915-2000 | 1269 | 2030-2100 | 1539 |
| **French** | | **Serbo-Croat*** | |
| 1830-1845 | 1539 | 2100-2130 | 1539 |
| 2000-2030 | 1539 | **Swedish** | |
| **Hungarian** | | 2030-2100 (W) | 1269 |
| 2130-2200 | 1539 | | |

*) Programme produced by DW.
During summertime Czech/Slovak and Polish prgrs exchange transmission times — DLF is also producing prgrs in Polish, Czech, Slovak and Hungarian for DW aired on shortwave.

**German Language Course:** "Auf deutsch gesagt".
**On 1269kHz:** 1830-1845 (Mon Danish, Tues Dutch, Wed English, Thurs Norwegian, Fri Swedish, Sat English). In Danish: Sun 1900-1915.
**On 1539kHz:** 1845-1900 (Mon Slovak, Tues Italian, Wed Hungarian, Thurs Polish, Fri French, Sat Czech).
**DX-PRGR:** Swedish Sat (weekly), Norwegian ("Radio Verden Rundt") Tues (weekly), English (DX-Circle): Tues (weekly), Danish Fri (weekly), Dutch 3rd Mon.
**ANN:** 'Hier ist der Deutschlandfunk' — **INT-SIG:** 'Du Land voll Lieb und Leben' from the folksong 'Ich hab'mich ergeben' (played on Celeste).

**V.** by QSL-card (B).

## EUROPE NO. 1 (Comm.)

**ADDR:** Europäische Rundfunk und Fernseh AG, Europa No. 1, 6600 Saarbrücken, P.O. Box 111. **Te:** 30782
**L.P:** Mgr: F. Favelier. **For Programmes:** Télécompagnie 26 bis, Rue François 1er, F-75008 Paris. **Cable:** Euradio. **Te:** 256-9000 — **For Advertisements:** Regie No. 128, Rue François 1er, F-75008 Paris.
**STATION:** Felsberg 185kHz 2000kW.
**HOME SCE. in French:** 0500-0200. **N:** hourly + 0530, 0630, 0730, 0830, 2230.
**ANN:** F: "Europe 1" — **V.** by QSL-card. Re. to Europe 1, 6630 Saarlouis, P.O. Box 1365, Germany.

## HESSISCHER RUNDFUNK
## (Anstalt des öffentlichen Rechts)

**ADDR:** 6000 Frankfurt (Main) 1, Postfach 101001, Bertramstr. 8.
**Cable:** Hessfunk. **Te:** (069) 1551. **Telex:** 0411127.
**L.P:** Intendant: W. Lehr. Dir. Adm: Dr. A. Jerger. Chief Legal Adviser and staff: Dr. H. Gegenwart. Head of Press Dept: G. Raue. Publicity: W. Grass. Dir. Prgr (Radio): Dr. H. Wicht. Dir. Prgr (TV): H. Glänzel. Dir. Tec: Dr. R. Thiele. Chief Editor (Radio), Pol. and N: F.F. Sackenheim. Culture: Dr. U. Schultz. Educ: Prof. Dr. G. Kadelbach. Music: H. Enke. Entertainment: H. Verres
**STATIONS:** Prgr. I: Frankfurt 594kHz 400kW d.
Meissner 594kHz 100kW ND.
The Frankfurt st. is screened towards Sofia.

| FM —°) mono. | I | II | III | IV | kW |
|---|---|---|---|---|---|
| Biedenkopf (a) | 91.0 | 99.6 | 87.6 | | 95 |
| Gr. Feldberg/Ts (b) | 94.4 | 96.7 | 89.3 | | 80 |
| Frankfurt/M. | | | | 90.4 | 0.3 |
| Fulda | 102.5° | | | | 0.1 |
| Hardberg (c) | 90.6 | 95.3 | 92.65 | | 20 |
| Kassel | | | | 93.7 | 0.5 |
| Marburg | 102.0° | | | | 0.1 |
| Rimberg (d) | 91.25 | 95.0 | 97.7 | 91.9 | 30/10 |
| Hoher Meissner (e) | 99.0 | 95.5 | 89.5 | | 90 |
| Wiesbaden | | | | 97.2 | 0.05 |
| Würzberg (f) | 88.1 | 97.4 | 89.75 | | 1.5/1 |

a) Marburg/Lahn — b) Bad Homburg — c) Weinheim — d) Bad Hersfeld — e) Eschwege — f) Michelstadt.
**HR1:** 0445-2305 on MW + FM 1 — °) W; **) Mon-Fri.
**N:** 0500, 0600, 0630*, 0700, 0800*, 0900, 1000*, 1100, 1200, 1300, 1400, 1500**, 1600**, 1700, 1800, 2100, 2200, 2300.
**HR2:** 0500 (Sun 0600)-2305 on FM II.
**HR3:** 0455-2305 on FM III.
**FM IV:** 0455-2305. Carries ARD prgr for foreign workers edition I.
**ARD night prgr:** Version A on Frankfurt 594kHz + FM I/III/IV, version B on FM II.
**ANN:** "Hier ist der Hessische Rundfunk".
**INT-SIG:** Electronic music — **V.** by QSL-card.
**PUB:** Prgr. Sched, press releases.

## NORDDEUTSCHER RUNDFUNK
## (Anstalt des öffentlichen Rechts)

**ADDR:** Rothenbaumchaussee 132/134, D-2000 Hamburg 13.
**Cable:** Nordfunk. **Te:** (040) 4131. **Telex:** 219891.
**L.P:** Intendant: Friedrich Wilhelm Räuker; Stellv. Intendant: Jobst Plog; Dir. Prgr. (Radio): Olaf Baron von Wrangel. Administrative

Dir: Günter Huckschlag; Dir. Tec: Gerhard Lahann; Prod. Dir: Heinz Günther Sass.

**Mediumwaves:** *) daytime only.

| Stations | kHz | kW | | kHz | kW |
|---|---|---|---|---|---|
| Dannenberg | | | Hannover | 828 | 100/5 |
| (Elbe) | 630 | 10 | Kiel | 828 | 0.5 |
| Flensburg | 702 | 5/1.2 | Hamburg | 972 | 300 |

| FM:(MHz) | I | II | III | kW |
|---|---|---|---|---|
| Aurich | 95.8 | 98.1 | 90.0 | 25 |
| Bungsberg | 97.8 | 91.9 | 89.9 | 50 |
| Cuxhaven | 91.65 | 97.9 | 94.7 | 10/0.3/0.3 |
| Dannenberg | 91.2 | 96.4 | 93.3 | 15/15/5 |
| Flensburg | 89.6 | 93.2 | 96.1 | 15/15/20 |
| Göttingen | 88.55 | 94.1 | 99.9 | 2/2/1 |
| Hamburg | 90.3 | 87.6 | 99.2 | 70 |
| | 89.5 | | | 10 |
| | 93.1 | | | 20 |
| Hannover | 90.9 | 96.2 | 98.7 | 3 |
| Hannover-Münden | 88.2 | 96.1 | 90.8 | 0.02 |
| Harz | 98.0 | 92.1 | 89.9 | 100 |
| Heide | 90.5 | 96.3 | 99.4 | 15 |
| Helgoland | 88.9 | 93.4 | 97.0 | 0.01 |
| Holzminden | 92.7 | 96.0 | 98.5 | 0.5 |
| Kiel | 91.3 | 98.3 | 94.5 | 3 |
| Lauenburg | 94.2 | | | 2 |
| Lingen | 92.8 | 97.8 | 90.2 | 15 |
| Lübeck | 93.1 | 90.9 | 88.0 | 0.06 |
| Osnabrück | 92.4 | 89.2 | 98.8 | 8 |
| Steinkimmen | 91.1 | 99.8 | 94.4 | 100 |
| Sylt | 90.9 | 98.7 | 94.3 | 1.8 |
| Visselhövede | 91.8 | 95.9 | 98.4 | 5 |

**NDR1:** 0455-2315 on FM I; On MW (exc. 630kHz) 1700 (Sun 1800)-2315. **N:** 0500, 0600, 0700, 0800, 0900 (Mon-Fri), 1100 (W), 1200, 1400, 1600, 1700 (W), 1800, 2100, 2200, 2300 — **Shipping Forecast:** 2305-2315 — **Low German** (Plattdeutsch) Mon 1915-2000.
**NDR2:** 0500-2305 on FM II; On MW (exc. 630kHz): 0500-1700 (Sun 1800). On 630kHz: W 0800-1130 (Sat 1430), Sun 0830-1200. **N:** W on the h, Sun every 2nd h on the h.
**NDR3:** 0450(Sun 0455)-2305 on FM III; **N:** 0500, 0600, 0700, 0800, 1100*, 1200, 1400, 1600, 1700(W), 1800 (W), 1900 (not Sat), 2100(W), 2300 — *) Mon-Fri only.
**ARD-nightprgr:** Version A on 972kHz + FM II, version B on FM III.
**Prgr. for Foreign workers:** Hamburg 92.2MHz 0.35kW, Harz 99.5MHz 11.5kW, Kiel 95.7MHz 1kW: 1635-2000 (Sun also 1200-1500).
**ANN:** NDR1: "Hier ist NDR 1 mit R. Niedersachsen". (or "Hamburg Welle" or "Welle Nord"). NDR2: "Hier ist NDR 2". NDR3: "Hier ist NDR 3".
**INT-SIG: 1st Prgr:** Motiv from the first movement of Johs. Brahms Symphony no. 2. **2nd Prgr:** "Ein zerlegter Nonen-Akkord" — **3rd Prgr:** The tones "B-A-C-H" in Regerharmonization — **V.** by QSL-card — **PUB:** "NDR-information" (weekly), "NDR-Vorschau" (weekly), Prgr. sched. (Weekly).

## NDR-Messewelle

**ADDR:** Rudolf-von-Bennigsen-Ufer 22, D-3000 Hannover. **Te:** (0511) 88621.
**Stations:** Hannover I 90.9MHz 3kW — Harz IV 99.5MHz 11.5kW.
**Schedule:** during Hannover Fair each spring: 0530-1900 (on 99.5MHz to 1635).
**ANN:** "NDR-Messejournal" — **V.** by letter.

## RADIO BREMEN (Anstalt des öffentlichen Rechts)

**ADDR:** Heinr. Hertz Str. 13, D-2800 Bremen 33. **Te:** (0421) 2460.
**Cable:** Radio. **Telex:** 245181.
**L.P:** Dir. Gen: Gerhard Schröder.
**STATIONS:** Bremen 936kHz 100kW — Bremerhaven 936kHz 5kW (nighttime only) — Bremen 6190kHz 10kW (see also Sender Freies Berlin).

| FM: MHz | I | II | III | kW |
|---|---|---|---|---|
| Bremen | 93.8 | 88.3 | 96.7 | 100/100/25 |
| Bremerhaven | 89.3 | 92.1 | 95.3 | 25/25/1 |

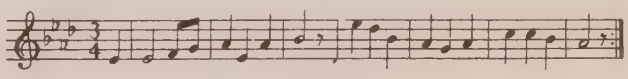
**Prgr.I:** 0457-2210 (rel. ARD Night Prgr. 2210-0455) on 936kHz + FM. **On 6190kHz:** 0800-1100 (Sat), 1400-1700 (exc. Sat.)
**N, Wrp, Comm:** W 0500, 0530, 0600, 0630, 0700, 0800, 0900, 1000*, 1100, 1200, 1300, 1400, 1500, 1600*, 1700, 1800, 2100, 2200; Sun 0600, 0700, 0900, 1200, 1400, 1500, 1800, 2100, 2200 *) exc. Sat.
**Prgr.II:** 0500-2300.
**N:** W 0500, 0530, 0600, 0630, 0700, 0800, 0900, 1100, 1200 (Mon-Fri), 1300, 1400 (Sat), 1500, 1800, 2000 (Mon-Fri); Sun: 0700, 1200, 1400, 1700, 2200.
**LL: English/French:** Sat 1405.
**Prgr.III:** 0500-2040.
**ARD night prgr:** Version A on 936kHz, version B on FM II.
**ANN:** "Hier ist die Hansawelle Bremen bzw. Radio Bremen mit seinem zweiten Prgr."
**V.** by QSL-card. Rp. Re. in E, F or G — **PUB:** Prgr. sched. free on request to Pressestelle, Radio Bremen.

## RIAS BERLIN

**ADDR:** 1000 Berlin 62, Kufsteiner Str. 69. **Cable:** Rias Berlin.
**Te:** (030) 8503-1. **Telex:** 01 83 790. **Telefax:** (030) 8503-390.
**L.P:** Dir: W.W. Marsh. Intendant: Dr. P. Schiwy. Dir. Prgr: Prof. H. Kundier. Dir. Tec: D. Stahl. Dir. Politics: Dr. D. Cramer. Dir. Listeners Rel. and Press: M. Maass.

| Location | kHz | kW | h. of tr. |
|---|---|---|---|
| Hof | 684 | 40 | 0700-1700 |
| Berlin-Britz | 855 | 100 | 0325a-0135 |
| Hof | 990 | 40 | 1700-0700 |
| Berlin-Britz | 990 | 300 | 0325a-0315b |
| Berlin-Britz | 6005 | 100 | 24h |

a) Sun 0400; b) Sun 0350.
**FM:** Berlin* 89.6MHz 30kW + 94.3MHz 50kW; Hof 89.3 & 91.2MHz 20kW.
**D.PRGR:** 24h — Prgr. Separation into RIAS I and RIAS II: Mon-Fri 0750-0900, Sat 0935-1030, Mon-Sat 1335-0030, Sun 0700-2330.
**RIAS I** on 990/684/6005kHz + 89.3/89.6MHz;
**RIAS II** on 855kHz + 91.2/94.3MHz.
**N,Wrp:** Every 30 mins past full hour exc. Sun (I+II) 1030, 1230, 1430, 1630, 1930, 2030 (II), 2130 (I) 2230 (II); Mon-Fri II: 1430, 1630, 2230; Sat I+II: 0930, 1430, 2130.
**ANN:** "Hier ist RIAS Berlin" — **INT-SIG:** From a Trio Sonata:



**V.** by QSL-card — **PUB:** Weekly Prgr. schedules.
**FI:** by United States Information Service.

## SAARLÄNDISCHER RUNDFUNK (Gemeinnützige Anstalt des öffentlichen Rechts)

**ADDR:** D-6600 Saarbrücken, Postfach 1050. **Te:** (0681)6021.
**Cable:** Radio Saarbrücken. **Telex:** 4428977.
**L.P:** Intendant: Prof. Dr. Hubert Rohde. Verawaltungs. Dir: Dr. Friedrich Feldbausch. Chefredakteur: Otto Klinkhammer. Prgr. Dir: Dr. Heins Garber. Techn. Dir: Werner Glesner. (Ag. Intendant)
**STATIONS:** Heusweiler 1422kHz 1200/600*kW (Europawelle-Saar) — *) 1800-0600

| FM: | I | II | III | kW |
|---|---|---|---|---|
| Bliestal | 92.3 | 98.0 | 89.1 | 5 |
| Göttelborner Höhe | 88.0 | 91.3 | 95.5 | 100 |
| Moseltal | 91.9 | 88.6 | 96.1 | 5 |

**D.PRGR. in German:**
**SR1:** 0400 (Sun 0500)-0005 on MW+FM I.
**N:** On the h; W also 0430, 0530, 0630.
**SR2:** 0400 (Sun 0500)-2305 on FM II. Relay SR1 to 0705; Relay SWF2 (Mon-Fri) 0705-1100, 1210-1600.
**SR3:** 0400 (Sun 0500)-2130 on FM III.
**N. in French:** W 1005.
**FM IV:** 100.4MHz (downtown Saarbrücken) 0.175kW used only on special occasions.
**ARD nightprgr:** version A on MW+FM I/III; version B on FM II.
**ANN:** "Hier ist SR1 Europawelle Saar des Saarländischen Rundfunks auf 211m=1422kHz und auf UKW, Kanal 3, 88.0MHz" or "Hier ist SR2 Studiowelle Saar des Saarländischen Rundfunks auf UKW II, Kanal 14, 91.3MHz" or "Hier ist SR3 Saarlandwelle auf UKW III, Kanal 28, 95.5MHz".
**V.** by QSL-card — **PUB:** Prgr. schedule monthly "SR-information" — **AD:** SR1 Europawelle Saar: Mon-Fri 0500-1200, 1400-1800; Sat 0500-1300, 1600-1800.

## SENDER FREIES BERLIN (Anstalt des öffentlichen Rechts)

**ADDR:** Masurenallee 8-14, D-1000 Berlin 19. **Te:** (030) 3081. **Telex:** 182813. **Cables:** Sender Freies Berlin.
**L.P:** Vorsitzender d. Rundfunkrates: Hans Höppner. Intendant: Lothar Loewe. Dir. Prgr: Dr. Norbert Schneider. Dep. Dir. Prgrs (radio): Hans Georg Berthold. Dir. Tec: Herbert Wolff. Dir. Adm: Dr. Hans-Joachim Lehmann. Chief Editor: Dr. Joachim Braun.
**STATIONS:** *) daytime only.

| Location | kHz | kW | Prgr |
|---|---|---|---|
| Berlin | 567 | 100 | I |
| Dannenberg | 630 | 10 | I/II |
| Berlin | 1449 | 5 | II |
| Bremen | 6190* | 10 | I/II |
| **FM** | **MHz** | **kW (ERP)** | |
| Berlin | 88.75 | 80 | I |
| Berlin | 92.4 | 80 | II |
| Berlin | 96.3 | 80 | III |
| Berlin | 98.2 (mono) | 8 | IV |

**D.PRGR: SFB1:** On 567kHz + FM I: W 0358-2322, Sun 0458-2312; On 630kHz: Sat/Sun 1300-1700; On 6190kHz (Bremen): Sun-Fri 1700-2300, Sat 1100-2300.
**N,Wrp:** 0400*, 0500, 0600, 0700, 0800, 0900*, 1000, 1100*, 1200, 1300, 1400, 1500*, 1600, 1700, 1800, 2100, 2300. *) W only.
**SFB2:** 0358 (Sun 0458)-2305 on 1449kHz + FM II; On 630kHz: 0500-0800; Mon-Fri also 1200-1700; On 6190kHz: 2300-1400 (Fri 0800).
**N,Wrp:** Mon-Fri hourly, Sat exc. 1600; Sun exc. 0400 & 1600.
**SFB3:** 0358 (Sun 0458)-2305 on FM III.
**SFB4:** Mon-Fri 1700-2130; Sat 1800-2120; Sun 1000-1300; other times relay SFB1 or special prgrs.
**ARD night prgr:** On 567/630/1449/6190kHz + FM I-IV — **ARD night concert:** 2305-0100 on FM III.
**ANN:** "Hier ist SFB1/SFB2/SFB3".
**V.** by QSL-card — **PUB:** "Vorschau" (weekly).

## SÜDDEUTSCHER RUNDFUNK (Anstalt des öffentlichen Rechts)

**ADDR:** D-7000 Stuttgart-1, Neckarstrasse 230, Postfach 837.
**Cable:** Rundfunk, Stuttgart. **Te:** (0711) 2881. **Telex:** 0723456.
**LP:** Vorsitzender des Rundfunkrats: Walter Ayass. Vorsitzender des Verwaltungsrats: Heinz Bühringer. Intendant: Prof. Dr. Hans Bausch. Programdir: Dr. R. Kle. Verwaltungsdir: Hermann Fünfgeld. Technischer Dir: Dr. Dietrich Schwarze. Dir. TV: Dr. H. Boelte. Public Affairs & Press: Dr. H. Bessler.

| Stations | kHz | kW | Stations | kHz | kW |
|---|---|---|---|---|---|
| Mühlacker | 576 | 300 | Bopfingen | 711 | 0.2 |
| Heidelberg-Dossenheim | 711 | 5 | Wertheim | 711 | 0.2 |
| Heilbronn-Oberreisesheim | 711 | 5 | Bad Mergentheim | 1413 | 3 |
| Ulm | 711 | 5 | Heidenheim | 1413 | 0.2 |
| | | | Buchen/Walldürn | 1485 | 0.2 |

**Shortwave:** Mühlacker (G.C: 08.51E/48.57N): 6030kHz 20kW.

| FM(all stereo) | I | II | III | IV | kW |
|---|---|---|---|---|---|
| Aalen | 95.1 | 91.1 | 98.1 | 96.9b | 50 |
| Bad Mergentheim | 87.8 | 93.2 | 99.65 | | 0.5 |
| Buchen/Walldürn | 91.9 | | | | 0.1 |
| Geislingen/Oberböhringen | 93.0 | 88.5 | 95.5 | | 0.5 |
| Heidelberg | 97.8 | 88.8 | 99.9 | 91.5a | 100 |
| Langenbrand | | | 97.0 | | 5 |
| Mühlacker | 92.9 | 89.5 | | | 5 |
| Stuttgart | 94.7 | 90.1 | 92.2 | 87.85c | 100 |
| Stuttgart (Funkhaus) | 99.6 | 95.7 | | | 0.1 |
| Ulm | 94.5 | 89.2 | 97.4 | 92.6 | 1 |
| Waldenburg | 98.8 | 93.8 | 96.5 | | 100 |
| Wertheim | 96.9 | 91.8 | 94.6 | | 0.05 |

a)0.05kW, b)1kW, c)0.7kW

**SDR1:** 0425 (Sun 0455)-2305 on 576kHz + SW and FM I; on other MW's: 0425 (Sun 0455)-0800, 1600 (Sat/Sun 1400)-2305.
**N:** On the h 0500-1800 (exc. Sat 1500), 2100, 2200, 2300; W also 0430.
**SDR2:** 0500-2305 on FM II.
**N:** 0500, 0530 (W), 0630, 0900, 1100, 1130 (W), 1200, 1300 (W), 1500, 1700 (W), 1900, 2200, 2300.
**SDR3:** 0453-2305 on FM III. On MW (exc. 576kHz) 0800-1600 (Sat/Sun 1400).
**SDR4:** 1800-2120 (Sun also 1100-1200). Carries ARD prgr. for Foreign Workers (edition II).
**ADR nightprgr:** Version A on MW, SW + FM I/III/IV (+ FM II from 0100); Version B on FM II.
**ANN:** "Hier ist "Südfunk 1", "Südfunk 2", "Radio 3 Südfunk, Stuttgart".
**INT-SIG:** (Südfunk I): The first notes of a Swabian folksong: "Jetzt gang i ans Brünnele".
**V.** by QSL-card. (A).

## SÜDWESTFUNK (Anstalt des offentlichen Rechts)

**ADDR:** 7570 Baden-Baden, Postfach 820, Hans-Bredow-Strasse.
**Cable:** Südwestfunk. **Te:** (07221) 2761. **Telex:** 078781-0.
**LP:** Vorsitzender des Rundfunkrates: Prof. Dr. Joachim Gernhuber. Vortzitzender des Verwaltungsrates: Julius Saxler, Trier. Intendant: Willibald Hilf. Fernsehdir: Dieter Ertel. Hörfunkdir: Dr. Hubert Locher. Technischerdir: Dir. Dr. Wolfgang Krank. Verwaltungsdir. & stellv. Intendant: Ulrich Weber. Justitiar: Dr. Egon Wagner. Öffentlichkeitsarbeit u. Presse: Jürgen Hoeren.

**STATIONS**

| Mediumwaves | kHz | kW | | kHz | kW |
|---|---|---|---|---|---|
| Rohrdorf | 666 | 300/180* | Rheinsender | 1017 | 600 |
| Freiburg | 828 | 40 | Baden-Baden | 1485 | 1 |

*) 1700-0500.
**Shortwave:** Rohrdorf 7265kHz 20kW.

| FM (with stereo) | I | II | III | kW |
|---|---|---|---|---|
| Baden-Baden | 90.9 | 98.9 | 94.1 | 0.5 |
| Bad Marienberg | 89.8 | 95.4 | 92.8 | 25 |
| Blauen | 89.2 | 92.6 | 97.0 | 8.4 |
| Brandenkopf(a) | 88.9 | 95.4 | 99.7 | 0.5 |
| Donnersberg(b) | 99.1 | 92.0 | 103.1 | 60/60/30 |
| Eggberg | 89.5 | | | 0.6 |
| Eifel(c) | 91.1 | 93.6 | 98.5 | 8 |
| Feldberg/Schwarzwald(d) | 89.85 | 97.9 | 93.8 | 5 |
| Freiburg | 91.1 | 94.7 | 99.2 | 0.5 |
| Grenzach-Whylen | 94.5 | 96.4 | 92.3 | 0.05 |
| Haardtkopf(e) | 97.7 | 93.0 | 90.0 | 25 |
| Hohe Möhr | 87.9 | 92.0 | 96.8 | 0.5 |
| Hornisgrinde(f) | 93.5 | 96.2 | 98.4 | 80 |
| Koblenz | 96.05 | 94.0 | 91.6 | 10 |
| Laufenburg | 94.0 | 91.4 | 90.1 | 0.05 |
| Linz(g) | 92.4 | 97.4 | 94.8 | 50 |
| Mainz | 91.4 | 87.7 | 93.7 | 0.1 |
| Nierstein-Oppenheim | 92.9 | 94.9 | 87.9 | 0.1 |
| Potzberg(b) | 90.8 | 93.8 | 97.5 | 20 |
| Raichberg(h) | 88.3 | 91.8 | 94.3 | 25 |
| Saarburg(i) | 99.2 | 93.8 | 90.6 | 5 |
| Trier | 94.9 | 89.4 | 98.2 | 0.1 |
| Waldburg(j) | 103.6 | 94.9 | 98.7 | 60/18/18 |
| Wannenberg(k) | 89.0 | 92.8 | 98.5 | 1 |
| Weinbiet(l) | 95.9 | | 89.9 | 25 |
| Witthoh(m) | 92.4 | 90.4 | 97.1 | 37.5 |

a) Offenburg — b) Kaiserslautern — c) Daun — d) Freiburg) — e) Idar-Oberstein — f) Achern — g) Remagen — h) Ebingen — i) Trier — j) Ravensbrück — k) Tiengen — l) Bad Dürkheim — m) Tuttlingen.
**SWF1:** 0430 (Sun 0500)-2305 on MW + FM I.
**N:** 0430*, 0500*, 0600, 0630*, 0700, 0800*, 0900 (W), 1000*, 1100, 1200, 1300*, 1400**, 1500**, 1600*, 1700, 1800, 1915 (W), 2100 (Sat/Sun), 2200, 2300 — *) Mon-Fri — **) exc. Sat.
**SWF2:** 0430 (Sun 0500)-2305 on FM II.
**SWF3:** 0425 (Sun 0500)-2305 on FM III + SW.
**For Foreign Workers:** 1800-2120 (1800 Italian, 1840 Spanish, 1920 Greek, 2000 Turkish, 2040 Yugoslav) on Baden-Baden 88.5MHz 0.05kW, Bad Marienburg 91.3MHz 0.1kW, Brandenkopf 97.6MHz 0.1kW, Koblenz 99.4MHz 0.2kW.
**ARD nightprgr:** Version A on MW, SW + FM I/III; version B on FM II.
**ANN:** "Südwestfunk, Baden Baden 1. Programm" . . . 2. Programm . . . SWF3" — **INT-SIG: Baden-Baden:** Motiv aus Mozarts "Zauberflöte": "Bald prangt, den Morgen zu verkunden"; **Frei-**

**burg:** Glockenmotiv des Freiburger Münsters "Petrus and Maria"; **Mainz:** "Dort wo der Rhein mit seinen Wellen" (celeste); **Tubingen:** "Droben im Oberland" (2 horns).
**V.** by QSL-card and letter. Rp.

## WESTDEUTSCHER FUNDFUNK (WDR) (Anstalt des öffentlichen Rechts)

**ADDR:** Appellhofplatz 1, 5000 Köln 1. **Te:** (0221) 2201. **Cable:** WDR. **Telex:** 8882 575.
**L.P:** Intendant: Friedrich-Wilhelm v. Sell. Dir. Radio: Manfred Jenke. Dir. Tec: Ingo Dahrendorf. Dir. Adm: Dr. N. Seidel.

| Mediumwave | kHz | kW | | kHz | kW |
|---|---|---|---|---|---|
| Aachen/Stolb | 702 | 5/1.2* | Langenberg II | 720 | 200* |
| Herford | 702 | 2 | Bonn | 774 | 5 |
| Siegen | 702 | 2 | Langenberg I | 1593 | 400/ |
| Kleve | 702 | 3 | | | 600** |

*) daytime only — **) nighttime only.

| FM — °)mono. | I | II | III | IV | kW |
|---|---|---|---|---|---|
| Aachen/Stolberg | 88.0 | 93.9 | 95.9 | 102.5* | 5/0.5* |
| Bonn | 88.3* | 90.7 | 92.8 | 100.9 | 0.5*/5 |
| Eifel(a) | — | 89.6 | 96.3 | — | 8/4 |
| Höxter | 93.9 | 96.4 | 95.2 | — | 0.5 |
| Kleve | 99.7 | 93.3 | 97.3 | — | 0.25 |
| Köln | 87.8 | 95.7 | 91.8 | — | 1 |
| Langenberg | 88.8 | 99.2 | 95.1 | 100.4* | 100/50* |
| Monschau | 87.7° | 94.2 | 98.2 | 91.9 | 0.05 |
| Münster | 92.0 | 94.1 | 89.7 | — | 25 |
| Nordhelle(b) | 90.3 | 93.5 | 98.1 | — | 35 |
| Siegen | 97.1 | 92.6 | 88.2 | — | 0.5 |
| Teutoburger Wald(c) | 90.6 | 93.2 | 97.0 | 88.1* | 100/3* |
| Warburg | 88.4° | 91.8 | 94.3 | — | 0.5 |
| Wittgenstein(d) | 88.7° | 92.3 | 95.8 | — | 15 |

a) Daun — b) Herscheid — c) Detmold — d) Biedenkopf.
**WDR1:** 0455-2130 on MW (exc. 720kHz) + FM I.
**N,Wrp:** 0500 (W), 0600, 0700, 0705 (Sun, Church N), 0800, 0900 (W), 1000, 1100 (W), 1200, 1400, 1500 (W), 1600 (Mon-Fri), 1700 (W), 1800, 2100, 2200, 2300 — **Comm:** 0505, 0605, 1210 (W), 1805, 2110.
**WDR2:** 0455 (Sun 0500)-2305 on FM II.
Also on 720kHz (daytime only). **N.** On the h (exc. Sun 0600), W also 0530, 0630, 0730.
**WDR3:** 0500-2305 on FM III.
**N:** 0500, 0600, 0700 (W), 0800, 1000 (W), 1100, 1200, 1400 (Mon-Fri), 1700, 1900, 2200, 2300.
**Prgr. for Foreign Workers (WDR4):**
W 1715-2040 (Wed 2155), Sun 0844-1400, 1703-2040.
**ARD nightprgr:** Version A on 1593kHz + FM I/II, version B on FM III.
**ANN:** First Prgr: "WDR1". Second Prgr: "WDR2". Third Prgr: "WDR3" — **INT-SIG:** Three compositions by P. Herbolzheimer.
**V.** by QSL-card or letter. Re. to Technische Direktion.

## AMERICAN FORCES NETWORK EUROPE (AFN) (United States Army)

**ADDR:** Bertramstrasse 6, D-6000 Frankfurt (Main) 1.
**Te:** (0611) 1 15 61 01.
**L.P:** Broadc. Mgr: T. Christman. Chief Tec: R. Gibbons. Prgr. Dir: R.J. Harlan.
**Local Studios:** a) APO 09757, D-6000 Frankfurt/Main; b) APO 09742, D-1000 Berlin; c) APO 09012, D-6750 Kaiserslautern; d) APO 09696, D-8500 Nürnberg; e) APO 09108, D-8000 München; f) APO 09069, D-2850 Bremerhaven; g) APO 09154, D-7000 Stuttgart; h) APO 09036, D-8700 Würzburg.

| MEDIUMWAVES | kHz | kW | | kHz | kW |
|---|---|---|---|---|---|
| Frankfurt (a) | 873 | 150 | Stuttgart (g) | 1143 | 10 |
| Berlin (b) | 1107 | 10 | Heidelberg | 1143 | 1 |
| Grafenwoehr | 1107 | 10 | Karlsruhe | 1143 | 1 |
| Kaiserlautern (c) | 1107 | 10 | Hof | 1143 | 1 |
| Nürnberg (d) | 1107 | 10 | Bitburg | 1143 | 1 |
| München (e) | 1107 | 40 | Würzburg (h) | 1143 | 0.25 |
| Bremerhaven (f) | 1143 | 5 | Augsburg | 1485 | 1 |

+ 9 st's 0.25kW on 1143kHz (Bad Kissingen, Bamberg, Fulda, Giessen, Göppingen, Bad Hersfeld, Schweinfurt, Wertheim, Wildflecken) and 6 st's 0.25kW on 1485kHz (Ansbach, Berchtesgaden, Grailsheim, Garmisch, Hohenfels, Regensburg).

**Der WRTH-Newsletter des Monats Mai enthält die Sommersendepläne zahlreicher Auslandsdienste.**

| FM | MHz | kW (ERP) | | MHz | kW (ERP) |
|---|---|---|---|---|---|
| Berlin* | 87.87° | 1.5 | Ulm (g) | 100.7 | 1 |
| Frankfurt* | 98.7° | 60 | Kaiserslautern* | 102.2° | 5 |
| Augsburg (e) | 100.4 | 15 | Stuttgart* | 102.4° | 100 |

+ 6 low power st's.
°) stereo — *) separate prgrs (See below).
**D. Prgr:** 24h — **N:** Every h on the h (5 min) exc. 0400 + major newscasts (30 min.) at 0600, 1700, 2100.
**Local Prgrs:** Mon-Fri 0510-0600, 0630-0800, 1115-1300, 1505-1700; Sat 0810-1100.
**FM:** Separate prgrs are mostly easy listening music. A letter in brackets indicates rel. corresponding AM st.
**ANN:** "This is AFN, The American Forces Network, Europe" announced at least every h — **INT-SIG:** Every h on the h, AFN announces the time and the sixth and final pip is exactly on the h as announced — **PUB:** Prgr. schedule quarterly — **V.** by QSL-card. (B).

## BBC BERLIN RELAY

**D.PRGR:** Relays of BBC German Sce, World Sce. and English by Radio. Full details in BBC schedule under United Kingdom. Also relays R. Canada Int. in German (cf. RCI schedule under Canada).
**V.** by QSL-card from BBC German Sce.

## BRITISH FORCES BROADC. SCE

is operated for the Ministry of Defence by the Services Sound and Vision Corporation which has charitable status. It provides a radio and TV service of entertainment, information and education as well as a link with home for H.M. Forces in Germany. It is non-commercial and does not accept advertising.
**ADDR:** BFBS, Post Box 510526, 5000 Köln 51, Parkstr. 61.
**Te:** (0221)-384001 Cologne Civil. **Telex:** 8881329.
**L.P:** Reg. Dir. (Broadc): R.C.S. Norton; Sen. Prgr. Dir (Radio): R. Astbury; Eng. in Charge: E.C. O'Gorman.

| FM-st's (stereo) | MHz | kW | | MHz | kW |
|---|---|---|---|---|---|
| Werl | 87.8 | 0.25 | Hameln | 99.3 | 0.1 |
| Braunschweig | 93.0 | 80 | Langenberg | 96.5 | 50 |
| Herford | 95.4 | 6 | Visselhövede | 97.6 | 30 |
| Bonn | 96.9 | 2 | Bielefeld | 101.5 | 70 |
| Berlin | 98.75 | 1 | Osnabrück | 102.6 | 0.1 |

+ 2 st's in Netherlands, listed separately.
**D.Prgr. in English:** 24h. **N** (BBC): on the h.
**ANN:** "This is the British Forces Broadc. Sce. Germany-a division of the SSVC" — **V.** by letter. Rp — **PUB:** "Sixth Sense".

## CFN (Canadian Forces Network)— RFC (Radio des Forces Canadiennes)

**ADDR:** Jammstrasse 9, D-7630 Lahr (or CFPO 5000). **Te:** 07821-209888.
**L.P:** CFN/RFC: Dir: P. Larose. Dir. Tec: P. Hardinge.
**STATIONS:** CFN Lahr 102.5MHz 0.3kW, CFNS Soellingen 101.125MHz 0.3kW (repeaters: Ramstein 101.25MHz 0.05kW, Heidelberg 103.9MHz 0.05kW) — RFC Lahr 101.2MHz 0.3kW, RFCS Soellingen 103.2MHz 0.3kW (repeaters as CFN) — **Netherlands:** Brunssum 103.4MHz 0.1kW.
**D. PRGR:** CFN 0500-2300 in English, RFC 0500-2300 in French, Brunssum 0500-2300 (rel. CFN/RFC or local prgrs).

**ANN:** CFN: "This is the Canadian Forces Network" or "You are tuned to CFN in Lahr, 102.5, also serving Baden-Soellingen, Ramstein, Heidelberg and Brunssum". CFN: "Vous écoutez le réseau des Forces Canadiennes en Europe" or "Vous écoutez la radio des Forces Canadiennes à Lahr, 101.2, et à Baden 103.2", or "Vous écoutez la radio des Forces Canadiennes à Lahr, Baden-Soellingen, Ramstein, Heidelberg et Brunssum".
**V.** by QSL-card.

## RADIO FORCES FRANCAISES DE BERLIN (FFB)

Relay st. for entertainment of French Forces in Berlin.
**ADDR:** Kurt-Schumacher-Damm, Quartier Napoléon, Berlin-Reinickendorf.
**STATIONS:** Berlin-Waidmannslust 93.6MHz 3kW — Goslar 92.65MHz 0.1kW.
**D.PRGR:** Continuous (rel. R. France).
**German:** 1800-1900 (rel. R. France International).

## RADIO FREE EUROPE/RADIO LIBERTY Inc.

**ADDR:** Oettingenstrasse 67, 8000 Munich 22. **Te:** (089) 21020.
**Cable:** Radioferl.
**L.P:** President: James L. Buckley. Vice Pres, Eng: Hugh Fallis.
**Washington Office:** 1201 Connecticut Ave, Washington D.C. 20036, USA. **Te:** (202) 457-6900.
**L.P:** Vice Pres, U.S. Operations: William A. Buell.
**New York Office:** 1775 Broadway, New York, NY 10019, USA.
**Te:** (212) 397-5300.
**L.P:** Dir: William Kratch.

### STATIONS

**Mediumwave:** Holzkirchen 720kHz 150kW.
**Shortwave:** Biblis, Germany (G.C: 08.29E/49.41N): 8×100, 2×50kW; Holzkirchen, Germany (G.C: 11.43E/47.52N): 4×250kW; Lampertheim, Germany (G.C: 08.43E/49.36N): 4×100, 6×50, 1×20kW; Playa de Pals, Spain (G.C: 03.12E/41.59N): 5×250, 1×100kW; Gloria, near Lisbon, Portugal (G.C: 08.40W/38.45N): 11×250, 8×100kW.
**BEAMS:** B = Biblis, G = Gloria, H = Holzkirchen, L = Lampertheim, P = Playa de Pals.

| RFE Area | Transmitters B | H | G | Area | Transmitters B | H | G |
|---|---|---|---|---|---|---|---|
| Poland | 63° | 50° | 47° | Hungary | 106° | 110° | 59° |
| Czecho-slovakia | 98° | 66° | 52° | Rumania | 106° | 110° | 63° |
| | | | | Bulgaria | 108° | 118° | 69° |

| RL Area | Transmitters L | P | B | H | G |
|---|---|---|---|---|---|
| USSR | 55° | 41° | 48° | 39° | 41° |
| | 75° | 52° | 65° | 59° | 54° |
| | 93° | 63° | 85° | 77° | 63° |

| kHz | kHz | kHz | kHz | kHz | kHz | kHz |
|---|---|---|---|---|---|---|
| 3960 | 6135 | 7255 | 9705 | 11925 | 15355 | 17895 |
| 3970 | 6170 | 7295 | 9725 | 11935 | 15370 | 21455 |
| 3985 | 7115 | 9505 | 9750 | 11970 | 15380 | 21510 |
| 3990 | 7145 | 9520 | 11725 | 15115 | 15445 | 21530 |
| 5955 | 7155 | 9540 | 11770 | 15125 | 17725 | 21580 |
| 5970 | 7165 | 9555 | 11815 | 15130 | 17735 | 21665 |
| 5985 | 7180 | 9565 | 11825 | 15145 | 17750 | 21720 |
| 6050 | 7190 | 9595 | 11855 | 15170 | 17760 | 21735 |
| 6070 | 7200 | 9625 | 11875 | 15215 | 17770 | 21745 |
| 6095 | 7215 | 9660 | 11885 | 15255 | 17805 | 25665 |
| 6105 | 7220 | 9680 | 11895 | 15290 | 17835 | 25690 |
| 6115 | 7245 | 9695 | 11915 | 15340 | 17865 | |

### Schedules: Nov. 4th, 1984 — March 3rd, 1985

### RADIO FREE EUROPE

**Bulgarian**

| kHz | H. of tr. |
|---|---|
| 7165 | 0400-0610 |
| 9555 | 0400-0610 |
| | 1800-2143 |
| 11825 | 0400-0610 |
| | 1700-2143 |
| 11935 | 1900-2143 |

*) Sun 1400.

**Bulgarian**

| kHz | H. of tr. |
|---|---|
| 15115 | 0500-0610 |
| | 1600*-1900 |
| 15340 | 1700-1900 |
| 17725 | 1600*-1800 |
| 21580 | 1600*-1700 |
| 21745 | 1600*-1700 |

**Czech/Slovak**

| kHz | H. of tr. |
|---|---|
| 720 | 0000-0042 |
| 3970 | 0400*-0700 |
| | 1800-0042 |
| 6050 | 2310-0042 |
| 6115 | 0400-0600W |
| | 2315-0042 |
| 6135 | 1800-0042 |
| 7115 | 2310-0042 |
| 7165 | 1900-0042 |
| 7190 | 2310-0042 |
| 7200 | 1800-0042 |
| 7215 | 0400-0600W |

**Czech/Slovak**

| kHz | H. of tr. |
|---|---|
| 9595 | 2310-0042 |
| 9725 | 0400*-0700 |
| | 1800-0042 |
| 11855 | 0400*-0800 |
| | 1900-0042 |
| 11925 | 1700-1900 |
| 15170 | 0700-1800** |
| 15255 | 0600-1700 |
| 17835 | 0600-1800 |
| 21530 | 0800-1600° |
| 21720 | 0700-1700 |

*) Sun 0600, **) exc. Sun 1400-1600, °) Sun. 1400.

**Hungarian**

| kHz | H. of tr. |
|---|---|
| 5985 | 0600-2305 |
| 6105 | 0400-0600** |
| 7115 | 0400*-2305 |
| 9695 | 0400*-0700 |

**Hungarian**

| kHz | H. of tr. |
|---|---|
| 9695 | 1700-2305 |
| 9725 | 0700-1700 |
| 11895 | 0500*-2305 |
| 15355 | 0700-1600 |

*) Sat/Sun 0600, **) exc. Sat/Sun

**Polish**

| kHz | H. of tr. |
|---|---|
| 720 | 0400*-2400 |
| 3990 | 0400*-0700 |
| | 1800-2400 |
| 5970 | 0400*-0800 |
| | 0600°-2400 |
| 7145 | 1900-2400 |
| 7190 | 0400*-1600 |
| 7295 | 1600-1900 |
| 9705 | 0400*-2400 |
| 11725 | 1900-2400 |
| 15145 | 0600-1900 |
| 17735 | 0815-1500W |
| 17805 | 0700-1800 |
| 21665 | 0800-1700 |
| 25665 | 1000-1600 |

*) Sun 0600, °) Sun 1500

**Romanian**

| kHz | H. of tr. |
|---|---|
| 6070 | 0400-0600W |
| 6115 | 1700-2307 |
| 6170 | 0600-0700 |
| 7145 | 0400-0600W |
| 7190 | 1600-2307 |
| 7255 | 0400*-0805 |
| 9595 | 0400-0805W |
| | 1500*-2307 |
| 11815 | 0500-0805W |
| | 1500*-2207 |
| 15215 | 0600-0805W |
| | 1500*-1900 |
| 17735 | 0600-0805W |
| | 1500*-1700 |

*) Sun 0600.

### RADIO LIBERTY

**Armenian**

| | kHz |
|---|---|
| 0200-0300 | 7180, 9505 |
| | 11875 |
| 1400-1500 | 15340, 17760 |
| | 21455 |
| 1900-2000 | 7255, 9505 |
| | 11875 |

**Azerbaijzhani**

| | |
|---|---|
| 0100-0200 | 7180, 9505 |
| 0400-0500 | 9540, 11875 |
| 1500-1600 | 15340, 17760 |
| | 21455 |
| 1800-1900 | 7255, 9505 |
| | 11875 |

**Belorussian**

| | |
|---|---|
| 0300-0330 | 3985, 5955 |
| | 7155, 9680 |
| 0500-0530 | 6170, 7155 |
| | 9680 |
| 1800-1900 | 5955, 9625 |
| | 11970 |
| 2200-2300 | 5955, 7155 |
| | 9625 |

**Estonian**

| | |
|---|---|
| 0200-0230 | 3985, 5955 |
| | 7155, 9680 |
| 0400-0430 | 5955, 7155 |
| | 9680 |
| 1700-1800 | 9555, 9625 |
| | 11970 |

**Estonian**

| | kHz |
|---|---|
| 2100-2200 | 5955, 7155 |
| | 9625 |

**Georgian**

| | |
|---|---|
| 0300-0400 | 7180, 9505 |
| | 9540, 11875 |
| 1700-1800 | 7255, 9505 |
| | 11875 |
| 2000-2100 | 7255, 9505 |
| | 11875 |

**Latvian**

| | |
|---|---|
| 0230-0300 | 3985, 5955 |
| | 7155, 9680 |
| 0430-0500 | 5955, 7155 |
| | 9680 |
| 1500-1600 | 11970, 15130 |
| | 17770 |
| 1900-2000 | 5955, 7155 |
| | 9625 |

**Lithuanian**

| | |
|---|---|
| 0330-0400 | 3985, 5955 |
| | 7155, 9680 |
| 0530-0600 | 6170, 7155 |
| | 9680 |
| 1600-1700 | 9555, 11970 |
| | 15130 |
| 2000-2100 | 5955, 7155 |
| | 9625 |

**Tatar-Bashkir**

| H. of tr. | kHz |
|---|---|
| 0100-0300 | 5985, 7245 |
| | 9750 |
| 1700-1800 | 6095, 9525 |
| | 11770 |

**Central Asian Service**
**Languages used:** Kazakh, Kirghiz, Tadjik, Tukmen, Uzbek.

| kHz | H. of tr. | kHz | H. of tr. | kHz | H. of tr. |
|---|---|---|---|---|---|
| 7295 | 2300-0300 | 11825 | 2300-2400 | 17750 | 1100-1600 |
| 9625 | 2300-0300 | 11885 | 0000-0300 | 17895 | 1100-1600 |
| 9660 | 2300-0300 | 15355 | 1600-1700 | 21510 | 1100-1500 |
| 11770 | 1600-1700 | 15370 | 1500-1700 | | |

**Ukrainian**

| kHz | H. of tr. | kHz | H. of tr. | kHz | H. of tr. |
|---|---|---|---|---|---|
| 5985 | 0300-0400 | 9565 | 1600-2400 | 15380 | 0600-0700 |
| 6170 | 2000-2400 | 9660 | 0300-0700 | | 1600-1800 |
| 7245 | 0300-0700 | 11885 | 0300-0700 | | |
| | 1800-2400 | | 1600-2400 | | |

### BROADCASTS IN RUSSIAN

| kHz | H. of tr. | kHz | H. of tr. | kHz | H. of tr. |
|---|---|---|---|---|---|
| 3990 | 1600-0700 | 6170 | 1730-2000 | 7295 | 0300-0600 |
| 5955 | 1730-1800 | 7145 | 0000-0400 | | 1900-2300 |
| | 2300-0200 | 7155 | 2300-0200 | 9505 | 0500-0600 |
| 6095 | 1800-2000 | 7180 | 0000-0100 | | 2100-0100 |
| 6105 | 0600-2400 | | 0500-0600 | 9520 | 24h |
| 6115 | 0100-0400 | 7190 | 0100-0200 | 9555 | 2200-0400 |
| | 0600-0700 | 7220 | 0600-0400 | 9625 | 0300-0600 |
| | 1600-1700 | 7245 | 0000-0100 | 9660 | 1900-2300 |
| 6170 | 0000-0500 | 7155 | 2100-0300 | 9680 | 2000-0200 |

| kHz | Times | kHz | Times | kHz | Times |
|---|---|---|---|---|---|
| 9725 | 0100-0330 | 11970 | 1900-1500 | 17760 | 0500-1400 |
| 9750 | 0300-0400 | 15130 | 0600-1500 | | 1600-1700 |
| | 2100-0100 | 15170 | 1800-1900 | 17770 | 1400-1500 |
| 11725 | 0400-0800 | 15255 | 1700-1900 | | 1600-1800 |
| 11770 | 1800-2300 | 15290 | 0600-1800 | 17865 | 1400-1800 |
| 11825 | 0000-0100 | 15340 | 0500-1400 | 17895 | 0500-1100 |
| | 1600-1700 | | 1600-1700 | 21455 | 0600-1400 |
| | 2210-2300 | 15370 | 0500-1500 | 21510 | 0600-1100 |
| 11875 | 0810-1700 | 15380 | 0700-1600 | | 1500-1600 |
| | 2100-0100 | | 1800-1900 | 21735 | 0700-1700 |
| 11885 | 0700-1600 | 15445 | 0600-1600 | 21745 | 0800-1600* |
| 11895 | 0400-0500 | 17725 | 0500-1400 | 25690 | 0800-1500 |
| 11915 | 2200-0600 | 17750 | 0600-1100 | *) Sun 1400. | |
| 11935 | 1700-1900 | | | | |
| | 2200-0600 | | | | |

**ANN:** RFE: Sign on and sign off: Bulgarian: "Tuk e Radio Svobodna Evropa". Czechoslovak: "Naslouchate ceskému a slovenskému vysílani ceskoslovenské stanice rozhlasu Svobodná Evropa". Hungarian: "Itt a Szabad Európa Rádió". Polish: "Mowi Rozglosnia Polska Radia Wolna Europa". Romanian: "Aici e Radio Europa Libera".
**INT-SIG:** RFE: Bulgarian: Part of old Bulgarian patriotic folk song. Czechoslovak: "Folk Motif/French Horns". Hungarian: No musical signal at all. Polish: Polish patriotic song: "Hail Glorious Dawn of May" (brass instruments). Romanian: "Romanian Rhapsody by G. Enescu".
**ANN:** RL: Azerbajidzhan: "Danyshyr Asadlyk Radiosu". Armenian: "Chosume Azatutiun Radiokayane". Belorussian: "Haworyts' Radyio Svoboda". Estonian: "Siin Vaabaduseradio". Georgian: "Laparakobs Radio Thavisupleba". Latvian: "Te Runa Brivibas Raiditajs". Lithuanian: "Kalba Laisves Radijas". Russian: "Govorit Radio Svoboda". Tatar-Bashkir: "Monda Azatlyk Radiostansyese Suyili". Ukrainian: "Hovoryit Radio Svoboda". Central Asian languages: Uzbek: "Azadliq radiosidan qapiramiz". Turkmen: "Qepleyaer Azatlik radiosi". Tajik: "Inja radioi Azadi". Uighur: "Azatliq radiosidin sözleymiz". Kazakh: "Azattiq radiyosinan söylep turmiz". Kirghiz: "Azattiq radiosunan söylöbüz".
**INT-SIG:** RL (Russian Sce): Hymn to Freedom, by Gretchaninoff.
**V.** by QSL-card. Requests to the New York Office (B).
Radio Free Europe/Radio Liberty is a non-profit, privately managed network broadcasting news and information to the peoples of Bulgaria, Czechoslovakia, Hungary, Poland, Romania and the USSR. It is supported by US government appropriations through the Board for International Broadcasting.

### VOICE OF AMERICA RADIO STATION IN MUNICH

**ADDR:** Voice of America, Washington DC 20547, USA.
**Mediumwaves:** Munich A 1197kHz 300kW: 1100-0700
**Shortwave:** Munich (G.C: 11.45E/48.15N): 4x100kW tr's.

| kHz | kHz | kHz | kHz | kHz | kHz | kHz |
|---|---|---|---|---|---|---|
| 6060 | 6095 | 7105 | 7270 | 9575 | 9735 | 15265 |
| 6090 | 6150 | 7245 | 9555 | 9585 | 11960 | 15400 |

**D.PRGR: Mediumwave:** 0000-0200 **English,** 0200-0400 Russian, 0400-0415 Bulgarian, 0415-0430 Slovene, 0430-0500 **English,** 0500-0515 Czech, 0515-0530 Hungarian, 0530-0545 Polish, 0545-0600 Slovene, 0600-0700 Polish, 0700-0800 **English,** 1200-1630 **English,** 1630-1700 Czech, 1700-1730 **English,** 1730-1900 Hungarian, 1900-2000 Polish, 2000-2100 Czech, 2100-2400 Polish.
**Shortwave:** See USA.
**ANN, INT-SIG, V:** See main entry under USA.

## GERMAN DEMOCRATIC REPUBLIC

**L.T:** UTC + 1h (Su: UTC + 2h) — **Pr.L:** German.

### STAATLICHES KOMITEE FUR RUNDFUNK BEIM MINISTERRAT DER DDR

**ADDR:** DDR-1160 Berlin, Nalepastrasse 18-50. **Te:** (02) 6360. **Cable:** Funkkomitee. **Telex:** 112276 RFBN DD.
**L.P:** Dir. Gen: A. Becker. Vice Dir. Gen: K. Ehrich, R. Weissbach, Dr. Sc. W. Sydow. Dir. Tec: K.H. Hausman. Dir. Foreign Rel: F. Günzel. Intendant: R. Schmidt (Radio DDR), H. Potthast (Berliner Rundfunk), M. Radmann (Stimme der DDR). Editor-in-Chief: K. Fischer (Radio Berlin International).

### HOME SERVICES

**RADIO DDR-1**

| Mediumwaves | kHz | kW | | kHz | kW |
|---|---|---|---|---|---|
| Leipzig | 531 | 100 | Putbus | 729 | 5 |
| Greifswald | 531 | 5 | Königs- | | |
| Rostock | 558 | 20 | wusterhausen | 882 | 100 |
| Neubrandenburg | 558 | 20 | Dresden | 1044 | 250 |
| Schwerin | 576 | 250 | Wachenbrunn | 1044 | 250 |
| Potsdam* | 603 | 20 | Burg | 1575 | 250 |

+ 10 × 1kW st's on 1485kHz, 10 × 1kW st's on 1584kHz, 13 × 1kW st's on 1602kHz. *) carries regional prgrs (see below).

**STIMME DER DDR**

| Mediumwaves | kHz | kW | Shortwaves | kHz | kW |
|---|---|---|---|---|---|
| Oranienburg* | 179 | 750 | Berlin* | 6115 | 50 |
| Burg | 783 | 1000 | Berlin* | 7185 | 500 |
| Berlin* | 1359 | 100/250 | Leipzig* | 9730 | 50 |

*) carries Foreign Sce. at times.

**BERLINER RUNDFUNK**

| Mediumwaves | kHz | kW | | kHz | kW |
|---|---|---|---|---|---|
| Neubrandenburg | 657 | 20 | Plauen | 1170 | 5 |
| Burg* | 657 | 250 | Karl-Marx-Stadt | 1341 | 5 |
| Reichenbach | 657 | 5 | Beeskow | 1341 | 5 |
| Berlin | 693 | 250 | Bernburg | 1431 | 20 |
| Hoyerswerda | 999 | 20 | Wachenbrunn | 1431 | 20 |
| Schwerin | 999 | 20 | Dresden | 1431 | 20 |
| Weimar | 999 | 5 | Weida | 1431 | 5 |
| Keula | 1170 | 5 | Seelow | 1431 | 5 |

*) Daytime only.
**FM (MHz):** a) 100kW, b) 50 kW, c) 30 kW, d) 10kW, e) 1kW.

| Location | I | II | III | IV | V |
|---|---|---|---|---|---|
| Berlin | 95.70a | 99.70a | 97.65a | 91.40a | 95.10e |
| Brocken | 88.95b | 94.60a | 97.40a | 91.55a | |
| Cottbus | | 98.60d | | | |
| Dequede | 89.40d | 94.90d | 96.90d | 98.90d | |
| Dresden | 95.40a | 92.25a | 97.25a | 90.10a | 96.20e |
| Frankfurt/Oder | | 96.80e | | | |
| Helpterberg | 95.95a | 90.50a | 97.15c | 99.10a | |
| Inselsberg | 87.85b | 92.55a | 97.15a | 90.20a | |
| Karl-Marx-Stadt | 87.75a | 92.85a | 97.05a | 89.80a | 94.50e |
| Leipzig | 88.45a | 93.85a | 96.60a | 90.48a | 98.50d |
| Löbau | | 98.20e | | | |
| Marlow | 88.25b | 91.05b | 96.65d | 93.50d | 95.55e |
| Putbus | | 91.50e | | | 88.60e |
| Schwerin | 89.20c | 92.75c | 95.25a | 98.55a | 88.55e |
| Sonneberg | | | 94.20a | 91.70a | |
| Weida | | 97.80e | | | |

**D.PRGRS**
**Radio DDR-1:** 24h. 0245-2300 on MW + FM 1; 2300-0245 (Wed 0230) on 531/558/1044/1485/1575/1584/1602kHz + FM I (Tues only on MW's + 95.7MHz); Sun on all freqs.
**N:** Mon-Fri on the h. exc. 1000, 2200. On the half h. 0300-0530; Sat 0000-0800 on the h, 1100, 1200, 1300, 1600, 1800, 2000, 2100, 2300; Sun 0100, 0300-0600 on the h, 0800, then as Sat.
**Tr. Breaks:** Tues 0700-1055 MW's exc. 531/1485/1584/1602; Wed 0700-1055 Leipzig 531kHz; A test tone is aired on the whole network Wed 0230-0245 (MW + FM I).

**Radio DDR-2:** 0700-0720 (Tues/Wed), 0900-2300 on FM II. Rel. Radio DDR-1 Night Prgr. Sat/Sun. **N:** 0900, 1100 (Sun), 1200, 1400, 1700 (W), 1900 (Mon-Thurs), 2000 (Sat), 2100 (Sun), 2200 (Mon-Fri).
**Stereo Music Prgr.** on 96.8/99.7MHz: Sat 0810-0900, Sun 0600-0900.
**LL:** French Tues/Wed 0700-0720.

**Stimme der DDR:** 24h on LW/MW/FM III (Tues nights only on LW/MW + 97.65MHz). **Rel on SW:** 6115kHz (exc. 1730-2345), 7185kHz (Sat/Sun 0730-1030), 9730kHz (2315-0530, Sat/Sun 0730-1030).

**N:** Mon-Fri on the h. exc. 1900, 2100, 2200. Also 0330, 0430, 0530, 2130; Sat as Mon-Fri exc. 1300, 2000, 2130. Also 2100; Sun on the h. exc. 0800, 1300, 2200.
**Shipping Forecast:** On 179kHz only; 0245, 0450, 1050 (exc. Sat), 1650, 2250.
**Tr. Breaks:** 1359kHz Mon 0712-1400; 6115kHz Tues 0800-1100.

**Berliner Rundfunk:** 0245-2300 on MW + FM IV; Rel. Radio DDR-1 Night Prgr. W on 693/999/1341/1431kHz, Sun on all freqs.

**N:** W 0300-0630 every half h, 0730, 0930, 1130, 1230, 1430, 1630 (Sat), 1730 (Sat), 1930, 2030, 2230; Sun 0330-0730 every h, 0930, 1230, 1430, 1630, 1730, 1930, 2030, 2230.
**Tr. Breaks:** Mon 0735-1130 MW's exc. Burg 657 and Keula 1170kHz.
**Young People's Prgr:** Mon-Fri 1800-2300 on FM V. Rel. Stimme der DDR Youth Prgr: 1812-1930 (Fri 2000).

**REGIONAL CENTRES**
**D.PRGR:** Unless otherwise stated, 0405 (Sat/Sun 0505)-0900 on FM II tr's. (exc. Potsdam on MW). All FM st's carry R. DDR-2 (LL) Tues/Wed 0700-0720.
**Rostock:** 91.05/91.5MHz (exc. May-Sept. when Ferienwelle is on the air).
**Schwerin:** 92.75MHz.
**Neubrandenburg:** 90.5MHz. Rel. Schwerin Mon-Fri 0700-0900, Sat/Sun 0505-0900.
**Halle/Magdeburg:** 94.6/94.9MHz. Rel. Leipzig Mon-Fri 0700-0900, Sat/Sun 0505-0900.
**Potsdam:** 603kHz + 93.1MHz: Mon-Fri 0305-0900 (Tues 0700), Sat/Sun 0505-0800.
**Frankfurt (Oder):** 96.8/99.7MHz: Mon-Fri 0405-0700.
**Cottbus:** 999kHz + 98.6MHz. D. Prgr as above, also Sun 1000-1230 on 999kHz (prgr. in Sorbian).
**Leipzig:** 93.85MHz.
**Weimar:** 92.55/97.8MHz. (Studios in Weimar, Gera and Suhl).
**Karl-Marx-Stadt:** 92.85MHz. Rel. Dresden Mon-Fri 0700-0900, Sat/Sun 0505-0900.
**Dresden:** 92.25/98.2MHz.

## RADIO DDR FERIENWELLE

**ADDR:** Richard-Wagner-Str. 7, DDR-2500 Rostock. **Te:** (081) 3980.

| Mediumwaves | kHz | kW | FM | MHz | kW |
|---|---|---|---|---|---|
| Rostock | 558 | 20 | Schwerin | 88.55 | 1 |
| Neubrandenburg | 558 | 20 | Putbus | 88.60 | 1 |
| Putbus | 729 | 5 | Marlow | 91.05 | 50 |
| Güstrow | 1602 | 1 | | | |

**Schedule:** May-Sept: Mon-Fri 0400-1900 (Tues 1800), Sat 0500-1300; Sun 0500-1600. Music and entertainment for holidaymakers and tourists along the Baltic coast.
**N** (R.DDR-1): 0400 (Mon-Fri), 0500, 0600, 0700 (W), 0800 (Sun), 0900 (Mon-Fri), 1100 (W), 1200 (W), 1300 (Sun), 1400 (Mon-Fri), 1600 (Mon-Fri).
**Multilingual:** (German/Czech/Slovak/Polish): Mon-Fri 1108-1200 (July/August).
**ANN:** "Radio DDR Ferienwelle"—**V.** by letter.

## RADIO DDR MESSEWELLE

**ADDR:** Springerstr. 24, DDR-7022 Leipzig. **Te:** (041) 51151.
**Mediumwaves:** Leipzig 729kHz 5kW.

| FM | MHz | kW | | MHz | kW |
|---|---|---|---|---|---|
| Leipzig* | 93.85 | 100 | Dequede* | 94.90 | 100 |
| Brocken* | 94.60 | 10 | Leipzig | 98.50 | 10 |

*) to 0900 only
**Schedule:** 0600-1800 during Leipzig Fairs each spring and autumn.
**Ann:** "Radio DDR Messewelle"—**V.** by special QSL-card.

## RADIO BERLIN INTERNATIONAL (RBI)

**The Voice of the German Democratic Republic.**
**Shortwaves:** Königswusterhausen (G.C: 13.37E/52.18N), Nauen (G.C: 12.54E/52.38N) and Leipzig (G.C: 12.17E/51.11N); Powers: 50/100/500kW.

| kHz | kHz | kHz | kHz | kHz | kHz | kHz |
|---|---|---|---|---|---|---|
| 6010 | 6195 | 9600 | 11700 | 11960 | 15255 | 17755 |
| 6040 | 7185 | 9620 | 11785 | 11975 | 15390 | 17765 |
| 6070 | 7260 | 9635 | 11795 | 15100 | 15400 | 17880 |
| 6080 | 7300 | 9665 | 11825 | 15170 | 15445 | 21465 |
| 6115 | 9500 | 9730 | 11890 | 15240 | 17700 | 21540 |
| 6125 | 9560 | | | | | |

**Mediumwave:** Berlin (G.C: 13.35E/52.28N) 1359kHz 100kW.

### EUROPEAN SERVICE

| Danish | kHz | Danish | kHz |
|---|---|---|---|
| 1700-1745 | 6080, 6115 | 2045-2130 | 1359, 6080 |
| 1830-1915 | 6080, 6115 | | 6115, 7300 |
| | 7260 | | |

| English | kHz | Italian | kHz |
|---|---|---|---|
| 1615-1700 | 6115, 7185 | 1700-1745 | 7260, 7300 |
| | 9730 | | 9730 |
| 1745-1830 | 6115, 7260 | 2000-2045 | 1359, 7185 |
| | 9730 | | 7300, 9730 |
| 1915-2000 | 1359, 6080 | 2130-2215 | 1359, 6115 |
| | 6115 | | 7260, 9665 |
| 2130-2215 | 6080, 9620 | | 9730 |
| 2215-2300 | 1359, 6080 | **Portuguese** | **kHz** |
| **French** | **kHz** | 1745-1830 | 7185, 7300 |
| 1730-1745 | 1359 | 2130-2215 | 7185, 7300 |
| 1830-1915 | 1359, 7185 | | 9500, 9620 |
| | 7300, 9730 | **Spanish** | **kHz** |
| 2045-2130 | 7185, 7260 | 1915-2000 | 7185, 7260 |
| | 9500, 9730 | | 7300, 9730 |
| 2215-2300 | 6115, 7185 | **Swedish** | **kHz** |
| | 7260, 9730 | 1615-1700 | 6080, 7260 |
| 2300-2345 | 1359, 7185 | 1745-1830 | 1359, 6080 |
| **German** | **kHz** | 2000-2045 | 6080, 6115 |
| 1430-1500 | 7300 | | 7260 |

### OVERSEAS SERVICE
**Schedule: Winter 1984/85**

**Areas:** I = Near East/So. Arabia; II = No. We. Africa; III = Ce. Africa; IV = We. Africa; V = Ea. Africa; VI = So. Ea. Asia; VII = No. America (East); VIII = No. America (West); IX = Latin America; X = Far East.

| Arabic | Area | kHz | English | Area | kHz |
|---|---|---|---|---|---|
| 1145-1245 | I | 9730 | 1545-1630 | IV | 11785 |
| | | 11700 | | | 15255 |
| | | 15240 | 1815-1900 | V | 15170 |
| | | 17755 | | III | 9665 |
| | II | 9665 | | | 15390 |
| | | 11890 | 1945-2030 | III | 9665 |
| 1330-1430 | I | 9730 | | | 11785 |
| | | 11700 | | | 15390 |
| | | 15240 | 2315-2400 | VII | 6070 |
| 1630-1730 | I | 15100 | | | 6125 |
| | V | 11975 | | | 6195 |
| | | 15170 | | | |
| 1930-2030 | I | 11700 | **French** | | |
| | II | 9620 | 0615-0700 | IV | 9500 |
| | | | | | 11795 |
| **English** | | | 1330-1415 | I | 17755 |
| 0015-0100 | | 6080 | | II | 9665 |
| 0100-0145 | VII | 9730 | | | 11890 |
| 0230-0315 | | | 1500-1545 | IV | 11785 |
| 0300-0400 | VII | 6125 | | | 15255 |
| | | 6195 | | V | 11975 |
| 0330-0415 | VIII | 6010 | | | 15170 |
| | | 6080 | 1630-1715 | IV | 15785 |
| | | 9560 | 1715-1800 | | 15255 |
| 0445-0530 | IV | 9500 | 2030-2115 | II | 9620 |
| | V | 11960 | | III | 9665 |
| 0630-0715 | VIII | 6010 | | | 11785 |
| | | 6080 | | | 15390 |
| 0645-0730 | VI | 15445 | | | |
| | | 17700 | **German** | | |
| | | 21465 | 0145-0230 | VII | 6080 |
| | | 21540 | | | 9730 |
| | | | 0315-0400 | IV | 9500 |
| 0815-0900 | X | 17765 | | V | 11960 |
| 0945-1030 | | 21540 | 0415-0500 | VIII | 6010 |
| 1215-1300 | VI | 15445 | | | 6080 |
| | | 17880 | | | 9560 |
| | | 21465 | 0530-0615 | I | 9730 |
| | | 21540 | | | 11700 |
| 1245-1330 | I | 9730 | | | 11825 |
| | | 11700 | | | 15240 |
| | | 15240 | | II | 9635 |
| | | 17755 | | | 9665 |
| | II | 9665 | | IV | 9500 |
| | | 11890 | | | 11795 |
| 1330-1415 | VI | 15445 | | V | 11960 |
| | | 17880 | 0715-0800 | VIII | 6010 |
| | | 21465 | | | 6080 |
| | | 21540 | 0900-0945 | X | 17765 |
| 1515-1600 | VI | 11795 | | | 21540 |
| | | 15400 | 1100-1145 | I | 9730 |
| | | 15445 | | | 11700 |

RBI

Radio Berlin International

the voice of the German Democratic Republic

## Your DX-Station

**more than 50 QSLs** **five attractive awards**

presents a programme of

- **news**
- **commentaries**
- **GDR information**
- **mailbag programmes**
- **sports**
- **science and engineering magazine**
- **regional dx-feedback programmes in German, English, French, Spanish, Italian, Swedish, Danish, Arabic, and Hindi**

Meetings of the RBI-DX-Club every other Monday in nine languages on short wave 13 through 49 m and on medium wave 1359 kHz with up-to-date technical information and hints on how to get even more out of your hobby.

RBI-DX-Club membership is free of charge; for membership applications send in three reception reports on RBI programmes over at least 20 minutes of listening time.

**Our address: RBI, 1160 Berlin, GDR**

| German | Area | kHz |
|---|---|---|
| 1100-1145 | I | 15240 |
| | | 17755 |
| | II | 9665 |
| | | 11890 |
| | VI | 15445 |
| | | 17880 |
| | | 21465 |
| | | 21540 |
| 1430-1500 | I | 9730 |
| | | 11700 |
| | | 15100 |
| | | 15240 |
| | IV | 11785 |
| | V | 11975 |
| 1845-1930 | I | 11700 |
| 2230-2315 | IX | 6010 |
| | | 6070 |
| | | 6125 |
| | | 6195 |
| | | 9500 |
| | | 9600 |

| Portuguese | Area | kHz |
|---|---|---|
| 0300-0345 | IX | 6040 |
| 0400-0445 | IV | 9500 |
| | V | 11960 |
| 1900-1945 | III | 9665 |
| | | 11785 |
| | | 15390 |
| 2315-2400 | IX | 6010 |
| | | 6040 |
| | | 9500 |
| | | 9600 |

**Spanish**

| | | |
|---|---|---|
| 0000-0300 | IX | 6010 |
| | | 6040 |
| | | 6070 |
| | | 6125 |
| | | 6195 |
| | | 9500 |
| | | 9600 |
| 0345-0515 | IX | 6070 |
| | | 6125 |
| | | 6195 |
| 0345-0630 | IX | 6040 |

**Hindi**

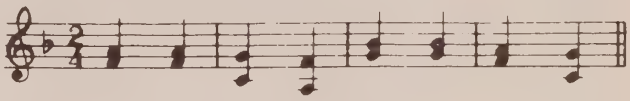
| | | |
|---|---|---|
| 0730-0800 | VI | 15445 |
| 1145-1215 | VI | 17700 |
| 1300-1330 | VI | 21465 |
| 1415-1445 | VI | 21540 |

**Swahili**

| | | |
|---|---|---|
| 1545-1630 | V | 11975 |
| 1730-1815 | V | 15170 |

**DX-PRGRS:** RBI Club in German, English, French, Spanish, Portuguese, Italian, Swedish, Danish (Mon, fortnightly); regional prgrs alternate Mon's in English, French, Spanish, Italian, Swedish, Danish, Arabic, Hindi, in German 3rd Sat of month.

**ANN:** "This is R. Berlin International the Voice of the German Democratic Republic". F: "Ici R. Berlin International la Voix de la République Démocratique Allemande". Swedish: "Här är R. Berlin International, Tyska Demokratiske Republikens sänding, pa svenska. Danish: "De lytter til R. Berlin International, Den Tyske Democratiske Republik sender pa dansk". I: "Qui R. Berlin Internationale, la voce della Republica Démocratica Tedesca". P: "R. Berlin International, a voz da Republica Démocratica Alemana". Sp: "Habla R. Berlin International, la Voz de la Republica Democrática Alemana"—**INT-SIG:** Theme from GDR National Anthem.



**V.** by QSL-card (B). — **PUB:** HS: "FF dabei" (weekly), Ext. Sce: "RBI-Journal" (quarterly)

### RADIO VOLGA (for Soviet Armed Forces in Germany)

**ADDR:** Menselstrasse 5, 15 Potsdam.
**STATION:** Burg 263kHz 200kW.
**D.PRGR:** 0500-2200 (Sat 2230) — **Own Prgr:** Sun 0900-1200, Thurs 1530-1700, other days 1900-2050; Other times relay Moscow Home Sce. 1st Prgr.
**ANN:** "Govorit Volga"—**V.** (A). Does not verify repts.

## GIBRALTAR (British Colony)

**L.T:** UTC + 1h (Su: UTC + 2h)—**Pr.L:** English, Spanish
**E.C:** a/c 50, 240V (yes).

### GIBRALTAR BROADC. CORPORATION (Partly Comm.)

**ADDR:** Broadcasting House, 18 South Barrack Rd, Gibraltar.
**Te:** 70671. **Cable:** Broadcasts. **Telex:** 2229 GK.
**L.P:** Ag. Gen. Mgr: G. J. Valarino. Chief Eng: N. Celecia.
**STATION:** Wellington Front 1458kHz 0.5/2kW. **FM:** 91.3/100.5MHz 0.1kW (stereo).
**HOME SCE:** English, Spanish: 0555-2300. **N. English:** 0700, 0800, 1100, 1230*, 1600, 1800, 2000, 2009* — **Spanish:** 1400*. **Wrp:** W 0735, 0755, 1230, 1330, 1810, 2255 — *) Local N, other times relay BBC.

**ANN:** "This is Gibraltar" — **V.** by QSL-card. Re. in English or Spanish. Rec. acc. (B) from So. Europe.
**ALF:** £30.00 (combined)

### BRITISH FORCES BROADC. SCE. GIBRALTAR

is operated for the Ministry of Defence by the Services Sound and Vision Corporation, which has charitable status. It provides a service of entertainment, information and education as well as a link with home for British Forces stationed in Gibraltar. Non-comm. does not accept adv.
**ADDR:** BFBS, Gibraltar, BFPO 52. **Te:** 54211.
**L.P:** St. Mgr: N. Bailey. Snr. Eng: P. Ginn. Prgr. Dir: A.J. Lane.
**STATIONS:** 89.4/99.5MHz (0.05kW), 93.5/97.8MHz (0.25kW).
**D.PRGR:** 24h — **N:** 0500-1200 & 1400-1700 hourly, 2000.
**ANN:** "This is the British Forces Broadc. Sce. Gibraltar".
**PUB:** "Radio News" (monthly-free) — **V.** by QSL-folder.

## GREECE

**L.T:** UTC + 2h (Su: UTC + 3h) — **Pr.L:** Greek
**EC:** a/c 50, 220V (yes).

### ELLINIKI RADIOPHONIA TILEORASSIS (ERT-Gov.)

(Hellenic Broadcasting Corporation).
**ADDR:** P.O. Box 19, Aghia Paraskevi, Attikis, Athens. **Te:** 6595970. **Cable:** Radiostathens. **Telex:** 216066.
**L.P:** Pres. of the Adm. Council: K. Beis. Dir. Gen: G. Romeos. Dir. Radio: I. Kambanellis. Dir. Tech. Services: A. Casmas. Dir. Pub. Rel: Th. Karzis.

| Mediumwaves | kHz | kW | | kHz | kW |
|---|---|---|---|---|---|
| Athens 3 | 666 | 15 | Volos* | 1485 | 1 |
| Athens 1 | 729 | 150 | Patras* | 1485 | 1 |
| Zakynthos* | 927 | 50 | Orestiada | 1485 | — |
| Corfu* | 1008 | 50 | Rhodes* | 1494 | 5 |
| Thessaloniki* | 1044 | 150 | Chania* | 1512 | 5 |
| Athens 2 | 1386 | 50 | Samos | 1602 | 1 |
| Comotini* | 1404 | 5 | | | |

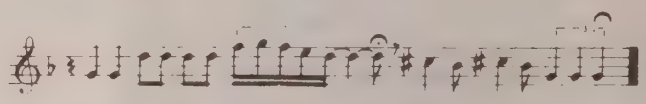
*) Regional St's (see below).
**Shortwaves:** Thessaloniki 2×35kW tr's (G.C: 23.00E/40.36N) on 9460/11615kHz.
**FM** (3rd prgr. in stereo)

| Location | 1st | 2nd | 3rd | kW |
|---|---|---|---|---|
| Thessaloniki | 88.0 | 90.0 | 92.0 | 10 |
| Pilion Mt. (Volos) | 92.8 | 94.8 | 96.8 | 10 |
| Alexandroupolis | 89.8 | 91.8 | — | 3 |
| Kalamata | 92.2 | 94.2 | — | 3 |
| Chania | 92.9 | 94.9 | — | 3 |
| Kavala | 89.2 | 91.2 | — | 10 |
| Kastoria | 88.6 | 90.6 | — | 10 |
| Kefalinia Isl. | 96.9 | 98.9 | — | 10 |
| Thira Isl. | 96.9 | 98.9 | — | 10 |
| Gerania Mt. (Corinth) | 97.9 | 99.9 | — | 3 |
| Corfu Isl. | 91.8 | 93.8 | — | 3 |
| Rhodes Isl. | 88.4 | 90.4 | — | 3 |
| Mytilini Isl. | 92.3 | 94.3 | — | 3 |
| Tripolis | 88.3 | 90.3 | — | 10 |
| Heraklion | 94.4 | 96.4 | — | 3 |
| Ioannina | 97.8 | 99.8 | — | 3 |
| Parnis Mt. (Athens) | 91.6 | 93.6 | 95.6 | 10 |

**HOME SCE. 1st Prgr:** 0350 (Sun 0430)-2330 on 729/1602kHz + FM1. **N:** W 0400, 0500, 0600, 0700, 0800, 1100, 1230, 1600, 1800 (Newsreel), 1930, 2200, 2300; Sun 0500, 0820, 1000, 1230, 1600, 1800 (Newsreel), 1930, 2200, 2300. **N.** from London (BBC) Sat 1300. **N.** in English/French/German: Sat 0530. **Wrp:** W 0430, Sun 0435 (Greek/English)—**Rlg:** (Orthodox): Sun 0530-0800.
**Relays of 1st Prgr. by VOA transmitters:** Kavala 792kHz: 1130 (Sun 0915)-1415, 1600-1800, 2100-2130, 2230-2330. Rhodes 1260kHz: 1100-1400, 2300-2330 (beamed to Middle East).
**2nd Prgr** (Light prgr. mainly): 0455-2300. **N:** W: Every h on the h; Sun 0500, 0800, 1000, 1100, 1200, 1900, 2200.
**3rd Prgr** (+ FM stereo): W 0600-1100, 1600-2300. Sun 0700-2300 (serious & cultural prgrs).
**Special Night Prgr** on 666kHz + FM 2 tr's: 2300-0400.

#### REGIONAL STATIONS

**Thessaloniki (Addr:** Venizelou 4, Thessaloniki) on 1044kHz: Mon-Fri 0352-0905 (Wed 0800), 1000-2315; Sat 0352-2315; Sun 0427-2315.
**Relays on SW:** 1000 (Sun 0600)-1730 & 1800-2215 on 9460/11615kHz (Su: one hour earlier) — **V.** by QSL-card.
**Other Stations:** W 0352-0905 (Wed 0800), 1000-2315; Sun 0417-2315. Local prgrs with relays of national and 2nd Prgrs at times.
**ANN:** 1st Prgr: Gr: "Elliniki Radiophonias Tileorassi, Proto Proghramma". E: "This is the Hellenic Radio-Television in Athens". F: "Ici Athènes, Radio-Télévision Hellénique". G: "Hier ist der Hellenische Radio- und Fernsehfunk". Second Prgr: "Déftero Programma". Third Prgr: "Trito Programma". Special Night Prgr: "Radiophonikos Stathmos Athinon. Akoute tin Idiki Nichterini Ekpombi".
**Regional Ann's:** Thessaloniki: "R.S. (=Radiofonikos Stathmos) Makedonias" — Corfu: "R.S. Voriodytikis Elladas" — Chania: "R.S. Kritis" — Patra: "R.S. Patron" — Rhodes: "R.S. Dodekanissou" — Volos: "R.S. Volou" — Comotini: "R.S. Thrakis".
**Station Signal:** (1st & 3rd prgr): The opening notes of the Greek folk song "Tsopanakos imouna" played on flute and sheep bells:



2nd Prgr: Harp and 9 electronic notes.
**V.** by QSL-card. Rec. re. preferred — **PUB:** "Radiotileorassi" (weekly in Greek).

#### FOREIGN SERVICE ("The Voice of Greece")

**STATIONS:** Avlis (G.C: 23.36E/38.23N) : 2×100kW SW-tr's; Kavala (G.C: 24.50E/40.53N) : 1×250kW SW-tr (operated by the VOA).

| kHz | kHz | kHz | kHz | kHz | kHz | kHz |
|---|---|---|---|---|---|---|
| 6225 | 9420 | 9855 | 9865 | 11645 | 15630 | 17565 |
| 7370 | | | | | | |

Frequencies in bold type are 250kW, others 100kW.

| Times | Area | kHz |
|---|---|---|
| 0000-0150 | No. America | 6225, 9420, **11645** |
| 0200-0350 | No. America | 6225, 9420, **11645** |
| 0400-0450 | Arabia/Indian Ocean | 6225, 7370, **9420** |
| 0500-0615 | Cyprus/Turkey/M. East | 6225, 7370, **9420** |
| 0630-0730 | Europe | 7370, **9420** |
| 0800-0850 | Azores | 9420, 9855 |
| 0900-0950 | Australia | 15630, 17565 |
| 1000-1050 | Japan | 15630, 17565 |
| 1100-1120 | Cyprus/Turkey/M.East | 9420, 9855 |
| 1130-1150 | Egypt/Libya | 9420, 9855 |
| 1200-1250 | No. America | **11645,** 15630, 17565 |
| 1300-1350 | Central Africa | **11645,** 15630, 17565 |
| 1400-1450 | Arabia/Indian Ocean | 7370, **9420** |
| 1400-1450 | Tashkent | 9855 |
| 1500-1550 | No. America | **11645,** 15630, 17565 |
| 1600-1700 | Balkan States | 6225*, 7370*, **9420** |
| 1715-1750 | USSR | 6225*, 7370*, **9420** |
| 1800-1850 | South Africa | **11645,** 15630*, 17565* |
| 1900-1950 | Europe | 6225, 7370, **9420** |
| 2000-2050 | Balkan States | 6225, 7370, **9420** |
| 2100-2150 | Australia | **6225,** 7370, 9420 |
| 2200-2350 | South America | **6225,** 9865 |
| 2200-2250 | Australia | 9420 |
| 2300-2350 | Panama Canal Zone | 9420 |

*) exc. Tues.

**N. Greek:** 0000, 0200, 0400, 0500, 0630, 0800, 0900, 1000, 1200, 1300, 1400, 1500, 1715, 1800, 1900, 2100, 2200, 2300.
**English:** 0130, 0340, 0935, 1040, 1235, 1535, 1840, 1920.
**French:** 1335, 1930. **German:** 1940. **Spanish:** 2230, 2335. **Portuguese:** 2215. **Turkish:** 0515, 1100. **Arabic:** 1130, 1435. **Albanian:** 1605, 2005. **Serbo-Croat:** 1615, 2015. **Bulgarian:** 1630, 2025. **Rumanian:** 1645, 2035. **Russian:** 1435, 1745.
**ANN:** Gr: "Edo Athine. Elliniki Radiophonia Tileorassi" E: "This is Athens. You are listening to the Voice of Greece". F: "Ici Athènes. La Voix de la Grèce". G: "Hier Ist Athene. Sie hören die Stimme Griechenlands"—**INT-SIG:** See Home Sce.
**V.** by QSL-card (B). Rec. Re. preferred.

### ERT-2 (Gov.)

**ADDR:** 136 Messogion Str, 11525 Athens. **Te:** 7701.911. **Telex:** 210886.
**L.P:** Network Mgr: C. Salapas. Dir. Tec: F. Mastrogeorgiou.
**NB:** ERT-2 is a separate organization from ERT (above).

| Location | kHz | kW | | kHz | kW |
|---|---|---|---|---|---|
| Ioannina | 765 | 10 | Florina | 1278 | 10 |
| Larissa | 945 | 5 | Tripolis | 1314 | 10 |
| Heraklion | 954 | 10 | Pyrgos | 1350 | 4 |
| Athens | 981 | 200 | Serres | 1584 | 1 |
| Orestiada | 1080 | 10 | Kavala | 1602 | 1 |
| Thessaloniki | 1179 | 50 | Kozani | 1602 | 1 |

**D.PRGR:** 0330-2400 (Sat 0100) on 981kHz; 0330-2300 on 1179kHz; 0330-2200 on all other freq's.
**ANN:** "Ert dýo".

OTHER STATIONS

| Mediumwaves | kHz | kW | | kHz | kW |
|---|---|---|---|---|---|
| 1) Amaliada | 1584 | 1 | 3) Ierapetra | 1614 | 1 |
| 2) Mesolongiou | 1602 | 1 | | | |

**Addresses & other information:**
1) Radiofonikos Stathmos Amaliadas, Ag. Tryfonos 5, Amaliada — 0430-2130 (rel. ERT 1st Prgr 1800-2130). **N:** (Rel.ERT): 0500, 0700, 1100, 1230, 1600.
2) Radiofonikos Stathmos Mesolongiou, Spyr Trikoupi 13, Mesolongiou — 0445-2205. **N** (relay ERT): 0500, 0800, 1100, 1230, 1600, 1800, 1930, 2200 — **V.** by letter.
3) Radiofonikos Stathmos Anatolikis Kritis, P.O. Box 2, Ierapetra, Crete — Man. Dir: G. Papageorgiou. 0450-2000. **N:** rel. ERT-2 — **V.** by QSL-card.

## ARMED FORCES RADIO & TV SERVICE (United States Air Force)

1) Athens 1584kHz 1kW, Kato Souli 1485kHz 0.25kW — **Addr:** Det 11, Air Force European Broadc. Squadron (AFEBS), APO New York, NY 09223, USA — St. Mgr: SMSgt. Donald M. Conniff. **D. Prgr:** 24h.
2) Iraklion 1584kHz 0.25kW — **Addr:** OL A Det II, Air Force European Broadc. Squadron (AFEBS), APO New York, NY 09291, USA — St. Mgr: SMSgt. Larry Malinowski. **D.Prgr:** 24h.
**V.** by letter.

## VOICE OF AMERICA RADIO STATION AT KAVALA

**ADDR:** Voice of America, Washington DC 20547, USA.
**STATIONS Mediumwave:** Kavala A 792kHz 500kW: 0200-0800, 1700-2130.
**Shortwave:** Kavala 10×250kW (G.C: 24.50E/40.53N).

| kHz | kHz | kHz | kHz | kHz | kHz | kHz |
|---|---|---|---|---|---|---|
| 5955 | 6150 | 7200 | 9615 | 9715 | 11805 | 11945 |
| 5985 | 6160 | 7210 | 9625 | 9740 | 11835 | 15205 |
| 5995 | 7105 | 7265 | 9635 | 9760 | 11840 | 15435 |
| 6015 | 7125 | 7270 | 9660 | 9770 | 11845 | 17800 |
| 6050 | 7130 | 7280 | 9680 | 11705 | 11875 | 17855 |
| 6060 | 7135 | 9530 | 9690 | 11740 | 11920 | 17865 |
| 6085 | 7170 | 9605 | 9700 | 11760 | 11925 | 21570 |
| 6095 | 7180 | | | | | |

**MEDIUMWAVE:** 0200-0400 Ukrainian, 0400-0430 **English,** 0430-0445 Romanian, 0445-0500 Serbian, 0500-0800 **English,** 1700-1800 Romanian, 1800-1930 **English,** 1930-2000 Romanian, 2030-2130 Serbian. **D.PRGR:** Shortwave: See USA.
**ANN, INT-SIG, V.:** See main entry under "USA".

## VOICE OF AMERICA RADIO STATION AT RHODES

**ADDR:** Voice of America, Washington DC 20547, USA.
**STATIONS: Mediumwave:** Rhodes A 1260kHz 150kW: 0300-0630, 1630-2200: 0300-0330 **English,** 0330-0400 Turkish, 0400-0600 Arabic, 0600-0800 **English,** 1500-1630 **English,** 1630-1700 Turkish, 1700-2100 Arabic, 2100-2200 **English.**
**Shortwave:** Rhodes (G.C: 28.10E/36.15N) 2x50kW: 0200-0600, 1630-2200.

| kHz | kHz | kHz | kHz | kHz |
|---|---|---|---|---|
| 5965 | 6105 | 9580 | 9715 | 11960 |
| 6080 | 7205 | 9670 | 11760 | 15195 |

**D.PRGR:** See USA (shortwave).
**ANN, INT-SIG, V:** See main entry under "USA".

# HUNGARY

**L.T:** UTC + 1h (Apr-Nov UTC + 2h) — **Pr.L:** Hungarian
**E.C:** a/c 50 (yes).

## ÁLLAMI RÁDIO ÉS TELEVISIÓ BIZOTTSÁG (Gov.)

**ADDR:** Bródy Sándor 5-7, H-1800 Budapest. **Cable:** Magyar — radio. **Te:** 338-330. **Telex:** (22) 5158 — **L.P:** Pres: István Tömpe.

## MAGYAR RADIO

**L.P:** Pres: Dr. István Hárs. Vice-Pres: Dr. Kálmán Kiss, József Bocz. Dir. Tec: Gábor Heckenast. Dir. Adm: László Sárffy. Head, For. Rel: Judit Molndr.

| Mediumwaves | kHz | kW | Prgr |
|---|---|---|---|
| Solt | 540 | 2000 | 1 |
| Lakihegy | 873 | 20 | 2 |
| Pécs | 873 | 15 | 2+Reg. |
| Mosonmagyaróvár | 1116 | 2.2 | 2+Reg. |
| Miskolc | 1116 | 12 | 1+Reg. |
| Szolnok | 1188 | 135 | 2 |
| Szombathely | 1188 | 25 | 2+Reg. |
| Siófok | 1251 | 135 | 2 |
| Nyíregyháza | 1251 | 25 | 2+Reg. |
| Lakihegy | 1341 | 150 | 2 |
| Györ | 1350 | 5 | 2+Reg. |
| Szolnok | 1350 | 5 | 2+Reg. |

**Prgr:** 1 = Kossuth (1st prgr); 2 = Petöfi (2nd prgr); 3 = 3rd prgr. partly stereo; Reg = Regional prgr.

| FM (MHz) | I | II | III | kW |
|---|---|---|---|---|
| Budapest | 67.40 | 66.62 | 69.38 | 100 |
| Györ | — | — | 67.04 | 5 |
| Kabhegy | 72.98° | 71.42 | 70.64 | 100 |
| Kékes | 71.21° | 72.77 | 70.10 | 30 |
| Kemádi | 66.92 | 66.14 | 68.24 | 10 |
| Miskolc | 66.80° | 66.02 | 68.48 | 10 |
| Nagykanizsa | 71.03° | 69.98 | 68.36 | 50 |
| Pécs | 71.81° | 67.19 | 67.97° | 15/50/50 |
| Sopron | 72.86° | 70.40 | 72.08 | 30 |
| Szentes | 67.85 | 66.29 | 68.72 | 30 |
| Tokaj | 71.33° | 72.11 | 70.43 | 50 |

°) carries regional prgrs (see below).

HOME SERVICE

**Prgr. I (Kossuth Radio):** 0325 (Sun 0400)-2325 (Fri 0027, Sat 0058). **N, Wrp:** 0330 (W), 0400, 0430 (W), 0500, 0530 (W), 0600, 0700, 0900, 1100, 1400 (exc. Sat), 1600, 1730, 2100, 2300, 2400 (Sat.)
**Prgr. II (Petöfi Radio):** 0325 (Sun 0500)-2310. **N:** W: 0330 and half hourly to 0730, 0930, 1030, 1130, 1330, 1530, 1730, 1930, 2200, 2300; Sun: 0700, 0930, 1130, 1330, 1530, 1730, 1930, 2200, 2300.
**Prgr. III:** 0755 (Sat/Sun 0600)-2233. **N:** 1000, 1200, 1800, 2230.
**Reg. Prgrs: Pécs** on 873kHz + 71.81/71.03/67.97MHz: Mon-Fri 1600-1835; Sat 0700-0900, 1730-1835; Sun 0700-0900, 1700-2000 — **Szolnok** on 1350kHz: Mon-Fri 1600-1730; Sat 0600-0900; Sun 0700-0930, 1700-1730. — **Nyiregyháza** on 1251kHz: Mon-Fri 1600-1730; Sat 0700-0900; Sun 0700-0900, 1700-1730 — **Györ** on 1116/1188/1350 kHz + 72.86/72.98MHz: Mon-Fri 1600-1730; Sat 0700-0900; Sun 0700-0900; 1700-1730 — **Miskolc** on 1116kHz + 66.80/71.21/71.33MHz: Mon-Fri 1600-1730; Sat 0700-0900; Sun 0700-0900 & 1700-1730.
**INT-SIG:** R. Kossuth: Played on 3 clarinets and 1 bass clarinet. R. Petöfi: 3 flutes, 2 violins, 1 cello, 1 double bass.
**ANN:** "Kossuth Radio, Budapest — Petöfi Radio, Budapest" — Harmadik Müsor, Budapest".

FOREIGN SERVICE

**STATIONS:** Jaszberény (G.C: 19.52E/47.35N), Diósd (G.C: 18.57E/47.25N), Szekesfehérvár (G.C: 18.24E/47.10N): 3/15/100/250kW.

| kHz | kHz | kHz | kHz | kHz | kHz | kHz |
|---|---|---|---|---|---|---|
| 6025 | 7155 | 7205 | 9585 | 11910 | 15160 | 17710 |
| 6110 | 7165 | 7225 | 9835 | 12000 | 15220 | 21525 |
| 7135 | | | | | | |

a) Mon-Fri, b) Sat, c) Sun, W) exc. Sun.

**TO EUROPE**

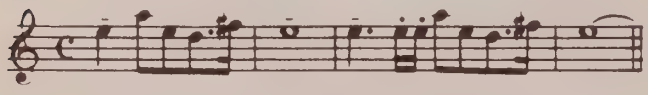
| English | kHz |
|---|---|
| 1150-1220a | 6025, 7155, 9585, 9835, 11910, 15160 |
| 1700-1730 | 6025, 7155, 9585, 9835, 11910, 15160 |
| 2100-2130 | 6110, 9585, 9835, 11910, 12000 |
| **German** | |
| 0900-1000c | 6025, 7155, 7165, 9585, 9835, 11910 |
| 1220-1240a | 6025, 7155, 9585, 9835, 11910, 15160 |
| 1300-1400b, 1300-1400c, 1730-1800, 1930-2000 | 6025, 7205, 9585, 9835, 11910, 15160 |
| 2030-2100 | 6110, 9585, 9835, 11910, 15160 |

| Hungarian | kHz |
|---|---|
| 1100-1120 | |
| 1500-1630c | 6025, 7155, 9585, 9835, 11910, 15160 |
| 1500-1530b | |
| 1900-1930 | 6025, 7205, 9585, 9835, 11910, 15160 |
| 2000-2030 | |
| 2130-2200 | 6110, 9585, 9835, 11910, 12000 |
| **Italian** | |
| 1240-1300a | |
| 1300-1330c | 6025, 7155, 9585, 9835, 11910, 15160 |
| 1430-1500b | |
| 1600-1630W | 6025, 7225, 9585, 9835, 11910, 15160 |
| 1800-1830 | 6025, 7205, 9585, 9835, 11910, 15160 |
| **Spanish** | |
| 1300-1320a | 6025, 7155, 9585, 9835, 11910, 15160 |
| 2200-2230 | 6110, 9585, 9835, 11910, 12000 |
| **TO NEAR EAST** | |
| **Turkish** | |
| 0700-0900c | 6025, 7155, 7225, 9585, 9835, 11910 |
| 0830-1000b | |
| 1120-1140a | 6025, 7155, 9585, 9835, 11910, 15160 |
| 1120-1300c | |
| 1630-1700 | 6025, 7225, 9585, 9835, 11910, 15160 |
| 1830-1900 | 6025, 7205, 9585, 9835, 11910, 15160 |
| **TO ASIA** | |
| **English** | |
| 1530-1600W | 6025, 7155, 9585, 9835, 11910, 15160 |
| **TO PACIFIC/FAR EAST** | |
| **English** | |
| 1030-1100 | 9835, 11910, 15160, 15220, 17710, 21525 |
| **Hungarian** | |
| 1000-1030 | 9835, 11910, 15160, 15220, 17710, 21525 |
| **TO NORTH AMERICA** | |
| **English** | |
| 0200-0230* | 6025, 9585, 9835, 11910, 12000, 15220 |
| 0300-0330 | |
| **Hungarian** | |
| 0130-0200* | |
| 0130-0300° | 6025, 9585, 9835, 11910, 12000, 15220 |
| 0230-0300* | |
| 0330-0400 | |

*) exc. Mon, °) Mon only.

| TO SOUTH AMERICA | |
|---|---|
| **Hungarian** | |
| 2230-2300 | |
| 2330-2400W | 6025, 9585, 9835, 11910, 12000, 15220 |
| 2330-0100c | |
| 0030-0100W | |
| **Spanish** | |
| 2300-2330 | |
| 0000-0030W | 6025, 9585, 9835, 11910, 12000, 15220 |
| 0100-0130 | |
| **DX-PROGRAMMES** | |
| **To Europe** | |
| 1400-1415* | 6025, 7205, 9585, 9835, 11910, 15160 |
| 1515-1530y | 6025, 7225, 9585, 9835, 11910, 12000 |
| **To No. America & Mexico** | |
| 0400-0415z | 6025, 9585, 9835, 11910, 12000, 15220 |

*) Sat in German — y) Tues/Fri English; Wed German; Mon/Thurs Italian — z) Wed/Sat English; Tues/Fri Spanish.
**ANN:** E: "This is Radio Budapest, Hungary".
**INT-SIG:** Excerpts from the suite "1848" by T.K. Polgar (played on three trumpets 2 cornets).



**V.** by QSL-card. Rec. acc (B) — **ALF.** Forints 120.

## ICELAND

**L.T:** UTC — **Pr.L:** Icelandic — **E.C:** a/c 50, 220V (yes).

### ICELAND STATE BROADCASTING SERVICE RÍKISÚTVARPID (Gov.)

**ADDR:** P.O. Box 120, Reykjavík. **Te:** (91) 22260. **Telex:** 2066.
**L.P:** Dir. Gen: A. Björnsson. Chmn. Prgr. Council: M.Ö. Antonsson. Dir. Adm: H. Vilhjálmsson. Dir. Sound Radio: G. Jonsson. Dir. N: M. Indridadottir.

| STATIONS | kHz | kW | | kHz | kW |
|---|---|---|---|---|---|
| Vatnsendi | 209 | 50 | Höfn | 666 | 4 |
| Eldar | 209 | 10 | Akureyri | 738 | 4 |

+ st's of 2W on 1386kHz (1), 1485kHz (2) & 1512kHz (3).
**SHORTWAVE:** 13797kHz 10kW (AM or SSB).
**FM** (MHz). All stereo.

| Location | I | II | kW |
|---|---|---|---|
| Gagnheidi | 99.8 | 87.5 | 12.5 |
| Girdisholt | 92.9 | | 3.5 |
| Háfell | 93.8 | | 4.37 |
| Hegranes | 90.6 | 98.8 | 4.6/6.3 |
| Hnjúkar | 89.1 | 95.5 | 6.6/7.5 |
| Hrútafjardarháls | | 90.3 | 1.2 |
| Hvítabjarnarhóll | 95.1 | | 1 |
| Höfn | 90.3 | | 1.25 |
| Stykkishólmur | 88.0 | 96.3 | 5/23 |
| Vadlaheidi | 91.6 | 96.5 | 3.5/10.4 |
| Vatnsendi | 93.5 | | 2.5 |
| Vestmannaeyar | 97.1 | 88.1 | 10/24 |

+ 10 low power st's below 1kW.
**D.PRGR: Prgr. I** on LW/MW + FM I: Mon-Thurs 0700-2400, Fri/Sat 0700-0300, Sun 0800-2400 (rel. Prgr II Fri 2315-0300, Sun 0000-0300). **N:** 0700 (W), 0800 (W), 0810 (Sun), 0900 (W), 1000, 1220, 1600, 1900, 2215, 2345.
**Prgr. II** on FM II freqs: Mon-Fri 1000-1200, 1400-1800; Sun 1330-1800; Fri 2315-0300; Sun 0000-0300.
**Relay of Prgr. I for Icelandic Seamen:** on 13797kHz: To Scandinavia: Mon-Fri: 1855-1945, Sat/Sun 1215-1245; to U.K. & Europe: Mon-Fri 1945-2030, Sat/Sun 1245-1315; to No. America: Mon-Fri 2230-2315, Sat/Sun 2030-2115 (tr. used for maritime sce. at other times).
**ANN:** "Útvarp Reykjavík" — **V.** by QSL-card. Rp. (A).
**PUB:** "Dagskrá", weekly.
**ALF:** I. Kr. 956,- (radio only).
**F.Pl:** 300kW tr. near Selfoss on 185kHz.

### NAVY BROADCASTING SCE. (U.S. Mil.)

**ADDR:** U.S. Navy Broadc. Sce, Detachment EIGHT, P.O. Box 25, NAVSTA, FPO New York 09571, USA (or Box 25, US Air Base, IS-235 Keflavíkurflugvöllur).
**L.P:** St. Mgr: P.W. Galloway. Chief Eng: S. Jonsson.
**STATION:** Keflavík 1485kHz 0.25kW.
**D.PRGR. in English:** 24h — Local Prgrs: Mon-Fri 0105-0400, 0605-0900, 1105-1200, 1505-1800, 1905-2100; Sat 0605-0900, 1105-1300; Sun 0705-0800, 1505-1700.
**ANN:** "1485 Radio" — **V.** by letter.

## IRELAND

**L.T:** UTC (Su: UTC + 1h) — **Pr.L:** Irish, English.
**EC:** a/c 50, 220/380V (yes).

### RADIO TELEFIS EIREANN (Statutory Corporation)

**ADDR:** Donnybrook, Dublin 4. **Te:** (01) 693111. **Telex:** 5268.
**Cable:** Broadcasting.
**L.P:** Chmn: F. O'Donovan. Dir. Gen: G.T. Waters. Dir. of Prgr's (radio): M. Carroll. Dir. of Eng: K.J. O'Connell. Head of Inf: L. McRedmond.

| Mediumwaves | kHz | kW | FM | MHz | kW |
|---|---|---|---|---|---|
| Tullamore 1 | 567 | 500 | Mullaghanish | 93.5 | 120 |
| Tullamore 2 | 612 | 100 | Dublin | 93.5 | 0.25 |
| Cork 1 | 729 | 10 | Moville | 94.0 | 2 |
| Cork 2 | 1278 | 5 | Maghera | 94.1 | 120 |
| Dublin 2 | 1278 | 10 | Mt. Leinster | 94.9 | 120 |
| **FM** | **MHz** | **kW** | Kippure | 95.3 | 60 |
| Truskmore | 89.7 | 120 | Cahirciveen | 95.3 | 5 |

**HOME SCE: RTE Radio One:** 0630-0002 on 567/729*kHz. Also on VHF/FM network of Radio Na Gaeltachta at certain times (see below). *) exc. Mon-Fri 1207-1330.
**N: English:** 0630, 0700, 0730, 0800, 0830, 0900, 1000, 1100 (Mon-Fri), 1115 (Sat), 1300, 1330 (W), 1500 (W), 1700 (W), 1830, 2200, 2300, 2400. **Irish:** 1115 (Sun), 1201 (W), 1600 (W), 1800 (W), 1801 (Sun), 2030 — **Wrp:** 0755 (W), 1755 and at end of N.
**ANN:** "RTE Radio One" — **INT-SIG:** Celeste and Harp playing 4 bars of Irish air "O Donnel Abu".
**Cork Local Radio:** Mon-Fri 1207-1330 on 729kHz. **N:** 1300.

**RTE Radio Two:** 0630-0150 on 612/1278kHz (729kHz from 0001) and VHF/FM. **N: English:** 0630, 0700, 0730 (Mon-Fri), 0800, 0830

(Mon-Fri), then every h. on the h. **ANN:** "RTE Radio Two".
**V.** by QSL-card. (B).

### RADIO NA GAELTACHTA
(Nat. Sce. for Irish-speaking communities).
**ADDR:** Casla, Conamara, Co. na Gallimhe.
**L.P:** Head and Contr. of Prgrs: B. Mac Aongusa.

| **Mediumwaves** | **kHz** | **kW** | **FM** | **MHz** | **kW** |
|---|---|---|---|---|---|
| Connemara | 540 | 2 | Mt. Leinster | 90.4 | 60 |
| Corca Dhuibhne | 828 | 1 | Mullaghanish | 91.3 | 60 |
| Tir Chonail | 963 | 10 | Dublin | 91.3 | 0.25 |
| **FM** | **MHz** | **kW** | Truskmore | 91.9 | 60 |
| Kippure | 89.1 | 30 | Maghera | 97.0 | 60 |

**HOME SCE. in Irish:** W: 1100-1330, 1730-2030; Sun: 1050-1230, 1500-2030 (VHF-FM trs relay RTE Radio One at other times) — **N:** 1100 (Sun), 1200 (W), 1300 (W), 1730, 1900.

**Mobile Community St:** A low power st on 1485kHz/96.2MHz used at various locations during special events. Usually operates 1130-1330 (Tues-Fri), 1630-1830 (Mon-Fri). **V.** by letter
**PUB:** RTE Guide (Weekly)
**FI:** by television license payments and adv. **AD:** 75h per week.

#### PRIVATE STATIONS
**N.B:** The following st's are unlicensed.

| | **kHz** | **Name, location and h. of tr.** |
|---|---|---|
| 1) | 531 | Sunshine R, Dublin: 24h |
| 2) | 657 | Bray Local Broadc, Bray: 0600-2200 |
| 3) | 738 | R. Nova International, Dublin: 24h |
| 4) | 765 | R. West, Mullingar |
| 5) | 819 | Cavan Community R, Cavan |
| 6) | 828 | CBC, Clonmel: 0600-1800 |
| 7) | 891 | North Dublin Community R, Dublin |
| 8) | 945 | TTT Radio, Dublin |
| 9) | 980 | R. Luimni, Limerick |
| 10) | 981 | Inner City R, Dublin |
| 11) | 999 | Community R. Wexford, Wexford: 0700-1900 |
| 12) | 999 | Tipperary Community R, Tipperary: 1000-2000 |
| 13) | 1017 | Capital R, Dublin |
| 14) | 1026 | ABC R, Tramore |
| 15) | 1026 | Atlantic Sound, Galway |
| 16) | 1071 | Irish Christian Broadc. Sce, Dublin |
| 17) | 1125 | R. Carousel, Dundalk: 0600-2400 |
| 18) | 1127 | R. Caroline, Dublin |
| 19) | 1143 | Laois Community R, Portlaoise |
| 20) | 1152 | R. Dublin Ch. 2, Dublin |
| 21) | 1152 | Cork City Local R, Cork |
| 20) | 1188 | R. Dublin Ch. 1, Dublin: 24h |
| 22) | 1197 | Telstar Community R, Blackrock: 0600-2300 |
| 23) | 1197 | Waterford Local R: 0530-2400 |
| 24) | 1233 | Boyneside R. North, Carrickcarnon |
| 25) | 1251 | ABC R, Dublin |
| 26) | 1251 | Town & Country R, Cavan (?) |
| 27) | 1260 | R. Sligo, Sligo |
| 28) | 1305 | Boyneside R, Drogheda |
| 29) | 1305 | E.R.I., Cork |
| 30) | 1323 | R. Annabel, Dublin |
| 31) | 1332 | Suirside R, Waterford: 24h |
| 32) | 1350 | R. Na Gael, Swords |
| 33) | 1359 | Big 'M' Community R, Castleblaney |
| 17) | 1386 | R. Carousel, Navan: 0600-2300 |
| 34) | 1386 | Kilkenny Community R, Kilkenny |
| 35) | 1413 | Kildare Community R, Naas |
| 17) | 1413 | R. Carousel, Drogheda |
| 36) | 1413 | R. Carlow, Carlow |
| 37) | 1512 | Wicklow Community R, Wicklow |
| 6) | 1512 | CBC, Carrick-on-Suir (relay) |
| 38) | 1512 | Community R, Youghal, Youghal |
| 39) | 1566 | "Big L", Limerick: 24h |
| 40) | 1575 | Community R. Fingal, Swords |
| 41) | 1618 | R. North West, Drumshanbo |

**SHORTWAVES:** 32) 6340kHz — 20) 6910kHz.

**Addresses and other information**
1) The Sands Hotel, Portmarnock, Co. Dublin — **FM:** 100.5/101.5MHz (stereo). **V.** by letter.
2) 1 Strand Rd, Bray, Co. Wicklow — **FM:** 97.8MHz. **V.** by letter.
3) P.O. Box 1433, Dublin 2 (Addr. in U.K: Southbank House, London SE1) — **FM:** 102.7/103.2MHz (stereo). **V.** by letter.
4) Patrick Str, Mullingar, Co. Westmeath. — **FM:** 100.7MHz.
6) Westgate House, Main Str. Clonmel, Co. Tipperary — **FM:** 98.9MHz.
7) Mornington Park, Artaine, Dublin 5 — **FM:** 105MHz.
8) c/o The Apollo Cinema, Walkinstown, Dublin 12 — **FM:** 99.8MHz. **V.** by letter.
9) Spaights Shopping Centre, Henry Str, Limerick.
11) 82 So. Main Str, Wexford — **FM:** 97.6MHz.
12) Community Sce. Centre, St. Michaels Str, Tipperary — **FM:** 102.3MHz.
14) Tramore, Co. Waterford — **FM:** 101.3MHz.
16) 5 The Lawns, Finglas, Dublin 11 — **V.** by letter.
17) Dundalk Shopping Centre, Dublin Rd, Dundalk, Co. Louth. — **FM:** 96.4MHz; Navan Shopping Centre, Navan, Co. Meath; Boyne Valley Hotel, Stameen Court, Drogheda, Co. Louth. **V.** by letter.
19) c/o Fitzpatricks Electrical, Mountrath, Co. Laois — **FM:** 88.8/102.3MHz.
20) 58 Inchicore Rd, Kilmainham, Dublin 8 — **FM:** 90.2MHz (stereo) rel. Ch. 2. **On 6910kHz:** rel. Ch. 1 exc. World Music Radio irr. Sun 0545-1000 & Mon 0200-0615. **V.** by QSL-card & letter (re. on WMR prgrs only to P.O. Box 4078, Amsterdam, Holland).
21) 2a French Str, Cork.
22) c/o The Brake Pub, Main Str, Blackrock, Co. Louth — **FM:** 88.5MHz.
23) c/o Strand Travel, George Str, Waterford, Co. Waterford — **FM:** 88.6/99.6MHz.
24) c/o County Carpets, Carrickcarnon, Co. Louth.
25) The Ivy Rooms, Parnell Str, Dublin 1.
28) 14 Mill Lane, Trinity Str, Drogheda, Co. Meath — **FM:** 98.1/99.6MHz. **V.** by QSL-card or letter.
29) 117 Patrick Str, Cork — **FM:** 102.0/106.0MHz. **V.** by letter.
31) 7 The Mall, Waterford, Co. Waterford — **FM:** 97.8MHz. **V.** by QSL-card or letter.
32) Swords, Co. Dublin (prgrs consist of Irish music).
34) Ballycallan Rd, Kilkenny, Co. Kilkenny — **FM:** 100.0MHz.
35) St. Martin's House, Naas, Co. Kildare. **V.** by letter.
36) Ballyhide, Loughlin Rd, Carlow, Co. Carlow.
37) 1 Westworth Place, Wicklow, Co. Wicklow.
38) So. Main Str, Youghal, Co. Cork — **FM:** 99.2MHz.
39) 13 Ellen Str, Limerick — **FM:** 92.3/97.8/98.5MHz.
40) Castle Shopping Centre, Swords, Co. Dublin
41) Carrick Rd, Drumshanbo, Co. Leitrim.

## ITALY

**L.T:** UTC + 1h (Su: UTC + 2h) — **Pr.L:** Italian.
**E.C:** a/c 50, Voltages variable (yes).

### RAI-RADIOTELEVISIONE ITALIANA
(State Service by Public act to RAI).
**ADDR:** Viale Mazzini 14, 00195 Roma. **Te:** 3878. **Cable:** Raidirro. **Telex:** 61142.
**L.P:** Pres: Sergio Zavoli. Vice-Pres: Giampiero Orsello. Dir. Gen: Biagio Agnes.

#### HOME SERVICE
**RADIOUNO ("Radio One")**

| **Mediumwaves** | **kHz** | **kW** | | **kHz** | **kW** |
|---|---|---|---|---|---|
| Bologna | 567 | 25 | Squinzano | 1062 | 25 |
| Caltanissetta | 567 | 25 | Udine | 1062 | 2 |
| Salento | 567 | 6 | Catania | 1062 | 2 |
| Aosta | 567 | 2 | Verona | 1062 | 2 |
| Napoli | 657 | 120 | Livorno | 1062 | 1 |
| Firenze | 657 | 100 | Trento | 1062 | 1 |
| Torino | 657 | 50 | Roma | 1332 | 300 |
| Bolzano | 657 | 25 | Bari | 1332 | 50 |
| Venezia | 657 | 25 | Pescara | 1332 | 25 |
| Trieste | 819 | 25 | Palermo | 1332 | 12.5 |
| Milano | 900 | 600 | Genova | 1575 | 50 |
| Cagliari | 1062 | 25 | | | |

+ 17 sts 2kW or less on 1575kHz (Ancona, Foggia, Gorizia, Sassari, Reggio Calabria, Aquila, Campobasso, Cantanzaro, Cosenza, La Spezia, Matera, Nuoro, Perugia, Potenza, Taranto, Carrara, Terni).
**Shortwaves:** Caltanissetta 6060/9515kHz 25kW.
**D.PRGR:** 0500-2230. **N:** 0500, 0600, 0700, 0800 (W), 0900 (W), 0912 (Sun), 1100 (W), 1200, 1600 (W), 1602 (Sun), 1800, 2200.
**Separate Music Prgrs on FM** ("Stereouno"): 1400 (Sun 1830)-2300.
**Night Prgrs:** See below.

**RADIODUE ("Radio Two")**

| Long & Mediumwaves | kHz | kW | | kHz | kW |
|---|---|---|---|---|---|
| Caltanissetta | 191 | 10 | Aosta | 1116 | 2 |
| Roma | 846 | 540 | Messina | 1143 | 6 |
| Trapani | 936 | 10 | San Remo | 1188 | 6 |
| Torino | 999 | 20 | Ancona | 1314 | 6 |
| Rimini | 999 | 6 | Campobasso | 1314 | 1 |
| Capo Vaticano | 999 | 2 | Cantanzaro | 1314 | 1 |
| Milano | 1035 | 50 | Matera | 1314 | 1 |
| Venezia | +1035 | 25 | Pesaro | 1431 | 2 |
| Napoli | 1035 | 25 | Taranto | 1431 | 1 |
| Genova | +1035 | 10 | Foggia | 1431 | 2 |
| Salento | 1035 | 6 | Squinzano | 1449 | 50 |
| Firenze | 1035 | 6 | Catania | 1449 | 6 |
| Caltanissetta | 1035 | 2 | Sassari | 1449 | 5 |
| Oristano | 1035 | 2 | Aquila | 1485 | 1 |
| Pescara | 1035 | 6 | Avellino | 1485 | 1 |
| Potenza | 1035 | 1 | Gorizia | 1485 | 2 |
| Bari | 1116 | 150 | Cosenza | 1485 | 1 |
| Bologna | 1116 | 60 | Bolzano | 1485 | 2 |
| Pisa | 1116 | 25 | Lecce | 1485 | 1 |
| Palermo | 1116 | 12.5 | Nuoro | 1485 | 1 |
| Trieste | 1116 | 6 | | | |

+ 21 sts 2kW or less on 1449kHz (locations as under regional sces below) & 5 st's 0.1kW on 1485kHz — +) moves to 1017kHz for Regional Prgrs only (see below).
**Shortwaves:** Catanissetta 7175kHz 5kW.
**D.PRGR:** 0500-2230. **N:** 0505, 0530, 0630, 0730, 0830, 1030, 1130, 1230, 1530 (W), 1555 (Sun), 1630 (W), 1730 (Sun), 1830, 2130.
**Separate Music Prgrs on FM** ("Stereodue"): 1400 (Sun 1850)-2300.
**Regional Prgrs:** see below — **Night Prgrs:** see below.

**RADIOTRE ("Radio Three")**
**Mediumwaves: 1368kHz:** Napoli (12.5kW), Venezia (24kW), Milano (10kW), Genova (10kW), Roma (6kW), Torino (6kW), Messina (2kW), Catania (2kW), Firenze (2kW), Palermo (2kW), Pisa (2kW), Sassari (2kW), Bari (1kW), Trento (0.1kW) — **1602kHz:** Bologna (1kW), Cagliari (1kW), Trieste (2kW), Verona (2kW).
**Shortwaves:** 3995kHz 50kW (1600-2220).
**D.PRGR:** 0500-2300. **N:** 0545 (W), 0625, 0845, 1045, 1245, 1415 (W), 1745, 1945, 2225 (W) — **Night Prgr:** See below.

| FM (MHz) | R1 | R2 | R3° | kW |
|---|---|---|---|---|
| Cal del Vento | 92.1 | 96.5 | 98.5 | 8.5 |
| Colle Barbiano | 89.5 | 91.7 | 93.9 | 12 |
| Genova-Portofino | 89.5 | 91.9 | 95.1 | 24 |
| Martina Franca | 98.1 | 91.1 | 93.1 | 18 |
| M. Argentario | 90.1 | 92.1 | 94.3 | 22 |
| M. Beigua | 91.5 | 94.6 | 98.9 | 6 |
| M. Caccia | 94.7 | 96.7 | 98.7 | 6 |
| M. Cammarata | 91.1 | 95.9 | 99.9 | 18 |
| M. Cavo | 87.6 | 91.2 | 98.4 | 13 |
| M. Conero | 88.3 | 90.3 | 92.3 | 7 |
| M. Faito | 94.1 | 96.1 | 98.1 | 18 |
| M. Lauro | 94.7 | 96.7 | 98.7 | 6 |
| M. Limbara | 88.9 | 95.3 | 99.3 | 6 |
| M. Nerone | 94.7 | 96.7 | 98.7 | 18 |
| M. Pegalia | 95.7 | 97.7 | 99.7 | 6 |
| M. Pellegrino | 94.9 | 96.9 | 98.9 | 6 |
| M. Penice | 94.2 | 97.4 | 99.9 | 60 |
| M. Sambuco | 89.5 | 91.5 | 93.5 | 18 |
| M. Scuro | 88.5 | 90.5 | 92.5 | 6 |
| M. Serpeddi | 90.7 | 92.7 | 96.3 | 6 |
| M. Serra | 88.5 | 90.5 | 92.9 | 6 |
| M. Venda | 88.1 | 89.0 | 89.9 | 24/17/24 |
| Pescara | 94.3 | 96.3 | 98.3 | 6 |
| Punta Badde Urbara | 91.3 | 93.3 | 97.3 | 6 |
| Roma | 89.7 | 91.7 | 93.7 | 21 |
| Salento | 95.5 | 97.5 | 99.5 | 6 |
| Torino | 92.1 | 95.6 | 98.2 | 24 |
| Udine | 95.1 | 97.1 | 99.7 | 8 |

+ over 1800 smaller sts not mentioned — M = Monte, ° = stereo.
**Additional stereo trs:** Roma 100.3MHz 18kW, Torino 101.8MHz 18kW, Milano 102.2MHz 1.6kW, Napoli 103.9MHz 0.6kW. (These tr's relay classical music from cable radio 1442-2030 & Night Prgr 2300-0500).
**NIGHT PRGRS: "Notturno dall'Italia"** on 846/900/6060kHz: 2230-0500. **N. in Italian/English:** Hourly 2300-0400 & 0045. **N. in German/French:** on the half h.
**"Stereonotte"** on all FM tr's (1+2+3): 2300-0500.

**REGIONAL SCES:**

| Mediumwaves | kHz | kW | | kHz | kW |
|---|---|---|---|---|---|
| Genova | 1017 | 10 | Bologna | 1098 | 60 |
| Venezia | 1017 | 25 | | | |

Other Regional Sces are carried on regular MW freqs of Radiodue.
**D.Prgr:** W 1110-1130 & 1300-1400, Sun 1300-1330 (exc. where otherwise stated).

**PIEMONTE** on 1449kHz (Torino/Cuneo/Alessandria/Biella) + FM.
**Addr:** Via Verdi 16, 10124 Torino.
**LOMBARDIA** on 1035kHz (Milano), 1449kHz (Sondrio) + FM.
**Addr:** Corso Sempione 27, 20145 Milano.
**VENETO** on 1017kHz (Venezia), 1449kHz (Belluno, Cortina d'Ampezzo, Verona) + FM. **Addr:** Palazzo Labia, Campo S. Geremia 275, 30121 Venezia.
**LIGURIA** on 1017kHz (Genova), 1188kHz (San Remo), 1449kHz (La Spezia) + FM. **Addr:** Corso Europa 125, 16132 Genova.
**EMILIA ROMAGNA** on 1098kHz (Bologna), 999kHz (Rimini) + FM. **Addr:** Via Alessandrini 10, 40126 Bologna.
**TOSCANA** on 1035kHz (Firenze), 1116kHz (Pisa), 1449kHz (Siena) + FM. **Addr:** Largo A. de Gasperi 1, 50136 Firenze.
**MARCHE** on 1314kHz (Ancona), 1431kHz (Pesaro), 1449kHz (Ascoli Piceno) + FM. **Addr:** Piazza Repubblica 1, 60100 Ancona.
**UMBRIA** on 1449kHz (Perugia) + FM.
**Addr:** Via Baglioni 11, 06100 Perugia.
**LAZIO** on 846kHz (Roma) + FM.
**Addr:** Via Teulada 66, 00195 Roma.
**ABRUZZI** on 1035kHz (Pescara), 1485kHz (L'Aquila/Teramo) + FM. **Addr:** Via de Amicis 29, 65100 Pescara.
**MOLISE** on 1314kHz (Campobasso) + FM.
**Addr:** Via Principe di Piemonte 59, 86100 Campobasso.
**CAMPANIA** on 1035kHz (Napoli), 1449kHz (Benevento/Salerno) + FM. **Addr:** Via Marconi 9, 80125 Napoli.
**PUGLIA** on 1035kHz (Salento), 1116kHz (Bari), 1431kHz (Foggia), 1449kHz (Squinzano) + FM.
**Addr:** Via Dalmazia 104, 70121 Bari.
**BASILICATA** on 1035kHz (Potenza), 1314kHz (Matera) + FM.
**Addr:** Viale del Basento, 85100 Potenza.
**CALABRIA** on 1314kHz (Catanzaro) + FM.
**Addr:** Via Monesanto 25, 87100 Cosenza.
**VALLE D'AOSTA** on 1116kHz (Aosta) + FM.
**Addr:** Via St. Martin de Corléans 142, 11100 Aosta, Via Chambéry.
**TRENTINO ALTO ADIGE** on 657kHz (Bolzano), 1062kHz (Trento), 1449kHz (Bressanone/Brunico/Merano/Trento) + FM. W 1110-1130, 1300-1430, 1745-1900; Sun 1130-1200, 1300-1330, 1745-1900.
**Addr:** Via Fratelli Perini 141, 38100 Trento; Piazza Mazzini 23, 39100 Bolzano.
**FRIULI VENEZIA GIULIA** on 819kHz (Trieste) + 1449kHz (Udine); W 0630-0655, 1030-1200, 1225 (Sat 1345-1400), 1735-1800; Sun 0740-0910, 1100-1200, 1300-1330, 1735-1800. At 1330-1345 also on 1062kHz (Udine), 1116kHz (Trieste) and 1575kHz (Gorizia).
**Addr:** Via Fabio Severo 7, 34133 Trieste.
**SARDEGNA** on 1035kHz (Oristano), 1062kHz (Cagliari), 1449kHz (Cagliari/Sassari), 1575kHz (Nuoro/Sassari): W 0615-0620 (exc. Sat), 1030-1200, 1300-1505, 1830-1900; Sun 0742-0806, 1300-1420, 1830-1900.
**Addr:** Viale Bonaria 124, 09100 Cagliari.
**SICILIA** on 567kHz (Caltanissetta), 936kHz (Trapani), 1035kHz (Caltanissetta), 1062kHz (Catania), 1116kHz (Palermo), 1332kHz (Palermo), 1449kHz (Agrigento/Catania): W 0630-0655, 1110-1130, 1300-1530; Sun 1300-1500, 1820-2000.
**Addr:** Via Cerda 19, 90139 Palermo.

**SENDER BOZEN** (Bolzano); Prgrs in **German** on 1602kHz (Bolzano/Brunico/Merano 1kW, Bressano 0.1kW) + FM (34 tr's of 1kW or less). MW-tr's relay Radiotre at other times.
**D.Prgr:** 0500 (Sun 0700)-1900. **N.** 0615 (W), 0845 (Sun), 0900 (W), 1100, 1200, 1600 (W), 1830.
**Regional Prgr. in Slovene:**
Trieste 981kHz 10kW + 103.9MHz 3kW (and 9 additional FM-tr's)
**D.Prgr:** 0600 (Sun 0700)-1830.
**N:** W: 0600, 0700, 1200, 1600, 1800; Sun: 0700, 1200, 1800.
**N. in German:** 0900 (W).

### FOREIGN SERVICE

**ADDR:** Viale Mazzini 14, 00195 Roma **Te:** 3878.
**STATIONS:** Rome: 50/60/100kW (G.C: 12.31E/41.48N).

| kHz | kHz | kHz | kHz | kHz | kHz | kHz |
|---|---|---|---|---|---|---|
| 5990 | 7275 | 9585 | 11800 | 15245 | 17715 | 21615 |
| 6050 | 7290 | 9710 | 11810 | 15330 | 17780 | 21690 |
| 6165 | 9575 | 9775 | 11905 | 15385 | 17795 | 21695 |
| 7235 | | | | | | |

### EUROPEAN SERVICE

| | kHz |
|---|---|
| **Albanian** | |
| 2000-2020 | 5990/6050 |
| **Bulgarian** | |
| 1540-1600 | 7235/9710 |
| **Czech** | |
| 1815-1830 | 6050/7290 |
| 2135-2155 | 6050/7275 |
| **Danish/Swedish/Esperanto** | |
| 2000-2020 | 7275/7290/9575 |
| **English** | |
| 1935-1955 | 7275/7290 9575 |
| **French** | |
| 1430-1455 | 7290/9575/11905 |
| **German** | |
| 1540-1550[3] | 5990/7290/9575 |
| 1750-1810[1] | 5990/ |
| 1810-1825[2] | 7275/9575 |
| 1) to W. Germany. | |
| 2) to Ea. Germany. | |
| 3) to Austria. | |
| **Greek** | |
| 1520-1540 | 7235/9710 |
| **Hungarian** | |
| 1935-1955 | 5990/6050 |
| **Italian** | |
| 1430-1455[4] | 7235/9710 |
| 1555-1635 | 5990/7290/9575 |
| 4) to Malta. | |

| | kHz |
|---|---|
| **Lithuanian** | |
| 0445-0505 | 6165/7275 |
| **Polish** | |
| 1845-1905 | 6050/7290 |
| 2210-2225 | 6050/7275 |
| **Portuguese** | |
| 2110-2130 | 5990/7275 |
| **Romanian** | |
| 0510-0530 | 6165/7275 |
| 2135-2155 | 5990/7235/9710 |
| **Russian** | |
| 0330-0345 | 6165/7275/9575/9710/11905 |
| 0535-0555 | 6175/7275 |
| 1605-1625 | 7235/9710 |
| **Serbo-Croat** | |
| 1500-1520 | 5990/7290/9575 |
| 1910-1930 | 5990/6050 |
| **Slovak** | |
| 1830-1845 | 6050/7290 |
| 2155-2210 | 6050/7275 |
| **Slovene** | |
| 1520-1540 | 5990/7290/9575 |
| **Spanish** | |
| 2050-2110 | 5990/7275 |
| **Turkish** | |
| 1500-1520 | 7235/9710 |
| **Ukrainian** | |
| 0350-0410 | 6165/7275 |

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### OVERSEAS SERVICE

#### AUSTRALIA/NZ/FAR EAST

| English | kHz |
|---|---|
| 2200-2225 | 5990/9710/11800 |
| 0350-0410 | 9710/11905/15330 |
| **Italian** | |
| 2050-2130 | 7235/9710/11800 |
| 0830-0930 | 9585/11810/15330/17780/21615 |

#### TO AFRICA

| | |
|---|---|
| **Amharic** | |
| 0415-0435 | 9775/11800/15330 |
| **Arabic** | |
| 1750-1810 | 7235/9710 |
| 2025-2045 | 5990/7275 |
| **French** | |
| 1630-1655 | 7235/9710 |
| **Italian** | |
| 0435-0510 | 11800/15330/17795 |
| 1700-1745 | 7235/9710/15385/17780/21690 |
| **Somali** | |
| 0510-0530 | 9775/11800/15330 |
| 1640-1655 | 15385/17780/21690 |

#### TO NEAR EAST

| | |
|---|---|
| **Arabic** | |
| 0535-0555 | 7235/9775/11800 |
| 1910-1930 | 9575/11800/15245 |
| **English** | |
| 2025-2045 | 7235/9575/9710 |

#### TO MEDITERRANEAN

| | |
|---|---|
| **Italian/English** | |
| 0415-0440 | 6165/7275 |

#### TO LATIN AMERICA

| | |
|---|---|
| **Italian** | |
| 1830-1905 | 15245/15385/17780 |
| 0140-0305 | 5990/9575/9710/11905/15245 |
| **Portuguese** | |
| 0120-0135 | 9710/11905/15245 |
| **Spanish** | |
| 0100-0120 | 9710/11905/15245 |
| 0305-0325 | 5990/9575/9710/11905/15245 |

**The deadline for the 1986 Handbook is October 15th 1985**

#### TO NO. AMERICA

| English | kHz | Italian | kHz |
|---|---|---|---|
| 0100-0120 | 5990/9575 | 1400-1425 | 17715/21695 |
| **French** | | 2230-0100 | 5990/9575/9710/11905/15245 |
| 0120-0135 | 5990/9575 | | |

**Additional: Italian:** Sun 1410-1730 on 15330 (90°)/17715 (310°)/17795 (270°)/21610 (135°)/21690 (170/240°).
**N. in English:** 0100, 0350, 0425, 1935, 2025, 2200.
**ANN:** Home Sce: "Radiouno", "Radiodue", "Radiotre" as appropriate. Night Prgr: "RAI—Radiotelevisione Italiana stazioni a onda media di Roma kHz 846 pari a m.355, e di Milano kHz 900 pari a m.333, e stazione ad onda corta di Caltanissetta kHz 6060 pari a m.49, 50 "Notturno Italiano" — Foreign Sce: I. "RAI—Radiotelevisione Italiana—stazioni ad onda corta di m . . pari rispettivamente a . . kHz—transmissione in lingua Italiana per . . ." E: "This is the Italian R. and Television Sce. Broadc. from Rome" . . . F: "Ici la R. Italienne". G: "Hier ist der Italienische Auslandssendedienst in Rom".
**INT-SIG:** Bird chirping, opening signal: Bells (composition by A. Parelli)—**V.** by QSL-card.
**PUB:** "Radiocorriere" (weekly for Home Sce). Prgr schedule 3 times a year in E, F, G, I. (Foreign Service).
**ALF:** Lire 3630,-.

### PRIVATE STATIONS

This section was compiled by our collaborators Dario Monferini & Sergio Roca. Only st's r. with regular MW/SW broadcasts are listed. A number of other st's are heard irr.

#### MEDIUMWAVES

| | kHz | kW | Name, location and h. of tr. |
|---|---|---|---|
| 1) | 940 | 0.1 | R. Asolo Int., Asolo: 0800-1000 |
| 2) | 1000 | 0.5 | Tele Spazio Campano, S. Agata dei Goti: 0400-2300 |
| 3) | 1274 | 0.1 | R. Milano C., Milano: 24h |
| 4) | 1301 | 10 | R. Milano Int., Milano: 24h |
| 5) | 1400v | 0.5 | Prima Rete—R. Campogalliano, Campogalliano: 0700-1700 |
| 6) | 1500 | 0.1 | R. Speranza, Modena |
| 7) | 1503 | 2 | Tele Radio Stereo, Roma: 24h |
| 8) | 1523 | 0.1 | R. Italia Uno, Pontedera: 0630-1600 |
| 9) | 1594 | 0.5 | Radiorama, Roma: 0700-2000 |
| 10) | 1611 | 0.1 | R. Uomini Nuovi, Marchirolo: 24h |

#### SHORTWAVES

| | | | |
|---|---|---|---|
| 11) | 7150 | 1 | R. Time/I.B.C., Scandicci: 24h |
| 12) | 7140 | 0.5 | R. Spoleto Int, Spoleto: 0700-1700, 2100-2300 |
| 13) | 7215+ | 0.1 | R. Manila, Torino: 24h |
| 4) | 7295 | 5 | R. Milano Int, Milano: 0800-1600 |
| 14) | 9427v | 0.2 | R. Europa Int., Brescia: 0700-1600 |
| 4) | 9435 | 5 | R. Milano Int, Milano: 24h |

+) SSB (lower sideband).

**Addresses and other information:**

1) Piazza Bugnoli 61, 31011 Asolo (TV) — **FM:** 101.3MHz 1kW.
2) C.P. 51, 82019 S. Agata dei Goti (BN) — St. Mgr: L. Romano. **FM:** 88.3/96.2MHz 0.25kW. **V.** by letter (B).
3) Via Pallavicino 21, 20145 Milano.
4) Via Locatelli 6, 20124 Milano — St. Mgr: R. Borra. **FM:** 98.7MHz 10kW/100.9MHz 5kW (stereo). **V.** by letter (B). Re. to D. Monferini, Via Davanzati 8, 20158 Milano. Rp.
5) C.P. 45, 41011 Campogalliano (MO) — St. Mgr: G. Zappelli. **FM:** 106.8MHz 0.2kW/107.9MHz 1kW. **V.** by letter (B). Re. to G. Valentini.
6) Via dei Servi 13, 41100 Modena — St. Mgr: Padre L. Cordioli. **V.** by QSL-card. Rp.
7) Via Panama 88, 00198 Roma — St. Mgr: C. D'Amico. **FM:** 92.7/94.5MHz 5kW (stereo).
8) C.P. 80, 56025 Pontedera (PI) — St. Mgr: S. Clini. **FM:** 93.6/96.8MHz 2kW, 104.9MHz 5kW (stereo). **V.** by QSL-card. Re. to C. Parrinello.
9) Via Trionfale 168a, 00136 Roma — St. Mgr: A. Malatesta. **FM:** 103.9MHz 5kW (stereo). **V.** by letter (B). Re. welcomed to S. Roca, piazza Regina Margherita 19, 00198 Roma. Rp.
10) Via Mazzini 59, 21030 Marchirolo (VA) — St. Mgr: Dr. G. Laiso. **FM:** 100.2MHz 2kW. (multilingual prgrs). **V.** by letter. (B). Rp.
11) C.P. 79, 50018 Scandicci (FI) — St. Mgr: L. Edili. **FM:** 88.2MHz 5kW/94.2MHz 2kW/94.5MHz 0.5kW/107.2MHz 0.5kW (stereo). **V.** by QSL-card (B). Re. to S. Mannelli. Rp.
12) Piazza Garibaldi 17, 06049 Spoleto (PG) — St. Mgr: N. Mas-

toro. **FM:** 100.4/101.0MHz 2.5kW **V.** by QSL-card (B). Rp.
13) Via Leini 40F, 10155 Torino — St. Mgr: V. Clivio. **FM:** 98.6MHz 2kW (stereo). **V.** by letter (B). Re. to F. Sacco. Rp.
14) Via Privato Terzullila, 25100 Brescia — St. Mgr: M. Raggi. **FM:** 97.2MHz 2kW. **V.** by letter. Rp.

### RUNDFUNK ANSTALT SÜDTIROL (RAS)

**ADDR:** Eisackstrasse 6, 39100 Bozen. **Te:** (0471) 971096.
**L.P:** Pres: Helmuth Hendrich. Man. Dir: Klaus Gruber. Chief Eng: Helmuth Schäfer.
RAS is a public body of the autonomous region of Southern Tyrol whose purpose is to relay TV and radio from Germany, Austria and Switzerland to the German-speaking population.

| STATIONS (MHz) | RAS 1 | RAS 2 | kW |
|---|---|---|---|
| Kronplatz | 100.7 | 103.0 | 0.5 |
| Meransen | 101.3 | 103.9 | 0.28 |
| Penegal | 100.3 | 103.3 | 1.35 |
| Perdonig | 101.3 | 104.0 | 0.5 |
| Plose | 99.8 | 102.0 | 1 |
| Vigiljoch | 101.1 | 102.9 | 2 |

+26 low power st's.
**D.Prgr: RAS 1:** rel. OE-3 (Austria)
**RAS-2:** rel. OE-R (Austria).
**F.PL:** St's in a further 48 locations. Rel. of Ladino prgrs from Switzerland.

### SOUTHERN EUROPEAN BROADC. SCE. (U.S. Military)

**ADDR:** APO New York, NY 09221, USA.
**L.P:** Commander Bernard L. Miles, MAJ, SC.
**1st Prgr** on 106.0MHz. **Key Station:** Vicenza (1kW); other st's: Aviano/Livorno/Verona/San Vito (all 0.25kW), Napoli (1kW), Mt. Virgine/Rimini/Decimomannu/La Maddelena (all 0.05kW).
**2nd Prgr** on 107.0MHz (fully automated stereo easy listening sce). **Key Station:** Vicenza (1kW); other st's: Aviano/Livorno/Sigonella/La Maddelena (all 0.25kW), Napoli (1kW), San Vito (0.05kW).
**F.PL:** Studio facilities at Aviano and Livorno.

## LUXEMBOURG

**L.T:** UTC + 1 h (Su: UTC + 2h) — **Pr.L:** Luxembourgian, French, German — **E.C:** a/c 50, 110/220V.

### RADIO-TÉLÉ-LUXEMBOURG (Comm.)

**ADDR: Head Office:** RTL, Villa Louvigny, Parc Municipal, Luxembourg-Ville. **Cable:** Radio Luxembourg. **Te:** 47661. **English Sce:** R. Luxembourg (London) Ltd, 38 Hertford St, London W1Y 8BA, England (Man. Dir: M. Vass). **French Sce:** RTL, 22 Rue Bayard, F-75008 Paris, France. **German Sce:** R. Luxembourg, Deutsches Programm, Luxembourg-Ville 1002. **Luxembourg Sce:** RTL, Emissions Luxembourgeoises, 2850 Luxembourg. **Belgian Sce:** RTL, Avenue Lloyd George 11, B-1050 Brussels, Belgium.
**L.P:** Dir. Gen: G. Graas. Dir: J. Felten. Secr. Gen: J. Neuen. Dir. Tec: L. Maack. Internat. Dir: Nic. Weber. Dir. French Prgrs: R. Castans. Dir. German Prgrs: H. Thoma. Prod. Mgr. English Prgrs: R. Jones. Editor-in-Chief Luxembourg Sce: R. Rauchs.
**STATIONS:** Junglinster 236kHz 2000kW; Marnach 1440kHz 1200/600kW; Junglinster 6090kHz 250/500kW, 15350kHz 6kW.
**FM:** Marnach 88.9/97.0MHz 100kW, 92.5MHz 50kW.
**HOME SCE. in Luxembourgian** on 92.5MHz: W 0525-0800, 1030-1300, 1630 (Sat 1600)-1930; Sun 0700-1930.
**English:** W 1300-1630 (Sat 1600) on 92.5MHz.
**FOREIGN SCE:**
**French:** 0430 (Sun 0500)-0400 on 236/15350kHz. **N:** on the h.
**English:** 1900 (Sun 1815)-0300 on 1440kHz, 0000-0300 on 6090kHz + FM tr's. **N:** on the h.
**German:** Mon-Fri 0430-1800, Sat 0500-1800, Sun 0700-1700 on 1440kHz; 0600-2400 on 6090kHz; 0430 (Sun 0600)-2400 on 88.9/97MHz; 0800-1030(W), 1930-2400 on 92.5MHz.
**Dutch/Flemish:** W 1800-1830, Sun 1700-1800 on 1440kHz.
**Italian:** W 1830-1845, Sun 1800-1815 on 1440kHz (prgrs produced by RAI, Italy).
**Religious Prgr's: 236kHz:** W 0400-0430, Sun 0400-0500; **1440kHz:** W 0345-0430, Sun 0415-0700; **6090kHz:** W 0500-0515, 2100-2315; Sun 0500-0700, 2130-2250. **(NB:** Times subject to variation).
**ANN:** Fr: "Ici R. Luxembourg". E: "This is R. Luxembourg" or "This is RTL 208". Dutch: "Hier is R. Luxembourg". G: "Hier ist R. Luxembourg". Luxembourgian: "Hei ass R. Letzeburg" — **V.** by QSL-card.

## MALTA (State of)

**L.T:** UTC + 1h (Su: UTC + 2h) — **Pr.L:** English, Maltese
**E.C:** a/c 50, 240V (yes).

### MALTA BROADCASTING AUTHORITY

An independent Authority to regulate and supervise sound and television broadc. in Malta with power to prescribe and produce prgr's.
**ADDR:** National Road, Blata-I-Bajda. **Te:** 21281. **Cable:** BROADCASTS MALTA. **Telex:** 1100 MODMLT MT.
**L.P:** Chief Exec: F.S. Carbone. Admin. Officers: H. Camilleri, H. Zammit Cordina.

### XANDIR MALTA (Broadcasting Division of Telemalta Corporation Parastatal).

**ADDR:** P.O. Box 82, Gwardamanga. **Te:** 25051. **Telex:** MW443. **Cable:** Xandir.
**L.P:** Head of Broadc: T. Pellegrini. Head of Prgrs (radio): E. Zammit. Head of Tech. Sces: J. Giuliano. Head of News: C. Flores.
**STATIONS:** 999kHz 20kW — **FM:** 89.7/90.7/93.7MHz 4kW + 2 low power st's.
**D.PRGR. in Maltese:** 0500-2200 on 999kHz + FM.
**Cable Radio One:** 0500-2200.
**Cable Radio Two:** 0500-2200 rel. main prgr.

### RADIO MEDITERRANEAN

**ADDR:** P.O. Box 2, Valletta. **Te:** 603872.
**L.P:** Dir. Gen: Maurice Pace.
**STATIONS:** Cyclops 1557kHz 600kW — 6110kHz 250kW.
**D.PRGR: Arabic** 1800-1900, **French** 2130-2230, **English** 2230-2330 — **V.** QSL-card.

### DEUTSCHE WELLE RELAY MALTA

3×250kW SW tr's at Cyclops (G.C: 14.34E/35.50N) and 1×600kW MW-tr using 1557kHz.

| kHz | kHz | kHz | kHz | kHz | kHz | kHz |
|---|---|---|---|---|---|---|
| 6000 | 6100 | 9545 | 9650 | 11785 | 15260 | 17780 |
| 6025 | 7105 | 9565 | 9715 | 11795 | 15320 | 21590 |
| 6085 | 7265 | 9625 | 11705 | 11905 | 15405 | 21650 |

For prgr. details see D. Welle, Germany

## MONACO

**L.T:** UTC + 1h (Su: UTC + 2h) — **Pr.L:** French
**E.C:** a/c 50, 127/220V (yes).

### RADIO MONTE CARLO (Comm.)

**ADDR:** B.P. 128, Monte Carlo. **Cable:** Radio Carlo. **Te:** 505252. **Telex:** 469926.
**L.P:** Pres: C.C. Solamito. Dir. Gen: Jean-Claude Héberlé. Dir. Gen. Adj: Gérard Unger. Dir. des Services: Roger Fauriat. Dir. Admin & Finance: Georges Aimone. Dir. Prgr: Simon Monceau. Dir. de la Rédaction: Jacques Garat. Dir. Tec: Lucien Allavena. Dir. of Communication: Didier Le Vert.
**STATIONS** (G.C: 07.26E/43.44N):

| kHz | kW | kHz | kW | kHz | kW |
|---|---|---|---|---|---|
| 218 | 1400 | 1467 | 1200 | 702 | 300 |

**FM:** 90.3/93.5/98.5MHz 50kW, 102.7MHz 1kW.
**1st Prgr. in French:** 0400-2400 on 218kHz + 98.5MHz, 0530-1830 on 1467kHz. **N:** on the h. and 2230.
**2nd Prgr. in Italian:** 0530-1830 on 702kHz.
**Local Prgr** on 90.3/93.5/102.7MHz: no details available.
**ANN:** "Ici Monte Carlo — **INT-SIG:** L'Hymne National Monégasque — **V.** by letter — **PUB:** Weekly prgr. sched.

### TRANS WORLD RADIO (Rlg.)

**ADDR:** B.P. 349, MC-98007 Monaco Cedex. **Te:** (93) 30.22.33.
**Cable:** VOTAN. **Telex:** 479521.
**L.P:** Pres: Paul Freed, Ph.D. Field Dir: Duane Gow. Prgr. Dir: Tom Streeter. Frequency Coordinator: Helmut Menzel.

### SHORTWAVE SCHEDULE

**STATIONS:** 2×100kW, 1×500kW tr's (G.C: 07.26E/43.44N).

| kHz | kHz | kHz | kHz | kHz | kHz |
|---|---|---|---|---|---|
| 5965 | 7205 | 7260 | 9630 | 11715 | 11930 |
| 7160 | 7235 | 9610 | 9670 | 11750 | |

a) Mon, b) Tues, c) Wed, d) Thurs, e) Fri, f) Sat, g) Sun, W) exc. Sun, D) daily — *) subtract 1h during summertime, +) add 1h during summertime.

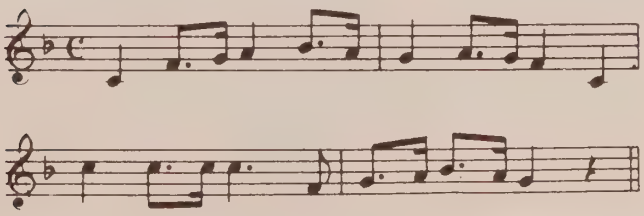
Freq's in brackets replace listed freq March-Oct.

| | | | |
|---|---|---|---|
| **Arabic** | kHz | **Lithuanian** | kHz |
| 0425-0440D | 9610 (11750) | 1750-1805*cd | 7260 (11930) |
| **Armenian** | | **Macedonian** | |
| 1615-1630*D | 11715 | 1345-1400*f | 9670 |
| **Croatian** | | 1715-1730*e | 7205 |
| 1330-1345*g | 9670 | **Norwegian** | |
| 1345-1400*f | 7205 | 0800-0825*abcde | 9630 |
| 1715-1730+D | 9670 | 1705-1730*D | 9630 |
| **Czech** | | **Polish** | |
| 0925-0940*df | 9610 | 1610-1625*abcde | 9630 |
| 1130-1145*g | 11930 | 1625-1655*D | 9630 |
| 1700-1715+bcdefg | 7160 | **Romanian** | |
| **English** | | 1830-1900D | 7205 (9670) |
| 0530-0600D | 11715 | **Russian** | |
| 0725-0800*D | 9610/7160 | 0500-0530*D | 5965 (9610) |
| 0800-1100*D | 9610 | 1505-1625*D | 11930 |
| **Estonian** | | 1720-1805*D | 9670 |
| 1750-1805*acdefg | 7260 (11930) | 1805-1905*D | 7260 (11930) |
| **French** | | **Serbian** | |
| 1145-1200*D | 9630 (7235) | 1330-1345*f | 9670 |
| 1200-1215*bcd | 9630 (7235) | **Slovak** | |
| 1215-1230*d | 9630 (7235) | 0925-0940*abceg | 9670 |
| **German** | | 1130-1145*g | 11930 |
| 0830-0920*g | 7205/9670 | 1700-1715+a | 7205 |
| 0905-0920*D | 7205/9670 | **Slovenian** | |
| 1105-1120*D | 7205/9670 | 1715-1730*f | 7205 |
| 1430-1500*D | 7205/9670 | **Spanish** | |
| 1500-1515*f(DX) | 9670 | 1300-1315*D | 9610 |
| **Greek** | | **Turkish** | |
| 1205-1220*g | 11715 | 0500-0515D | 7205 (11750) |
| 1845-1900+g | 5965 | 1545-1600*D | 11715 |
| **Hungarian** | | **Ukrainian** | |
| 0940-0955*D | 9610 | 0530-0545*e | 5965 (9670) |
| 1655-1710*D | 7205 | 1505-1520*b | 11930 |
| 1810-1825*D | 5965 (9610) | 1625-1640*f | 11930 |
| 1825-1840*def | 5965 (9610) | 1835-1850*a | 7260 (11930) |
| **Italian** | | 1835-1905*fg | 7260 (11930) |
| 1830-1845+f | 5965 | **White Russian** | |
| **Latvian** | | 1820-1905*a | 7260 (11930) |
| 1735-1750*D | 7260 (11930) | | |

**MEDIUM WAVE SCHEDULE:** (702kHz 300kW) **Italian:** 1830-1835*D.

**MEDIUM WAVE SCHEDULE:** (1467kHz, 1400kW) — **Albanian** 0430-0445*bcde; 1945-2000+g — **Arabic** 2100-2145D — **Berber** 2100-2115e; 2130-2145f — **Croatian** 1945-2000+ab — **Czech** 1930-2000+de — **Danish** 1930-1945+abc — **English** 2200-2315D — **Faroese** 2145-2200a — **French** 1900-1930D — **German** 0445-0515*D; 2000-2030abcd; 2030-2100*D — **Hebrew** 2315-2345e — **Italian** 2000-2015f — **Kabyle** 1930-1945+g — **Polish** 2015-2030ef — **Russian** 2000-2030g — **Spanish** 2145-2200defg — **Slovak** 1930-2000+f — **Turkish** 2000-2015e.

**ANN:** E: "This is Monte Carlo" or "You are listening to Monte Carlo. We invite our listeners in the British Isles to stay tuned to the following prgr's of Trans World Radio". F: "Ici Monte Carlo. Trans World Radio vous presente un programme en langue Francaise". G: "Hier ist Monte Carlo von Trans World Radio hören Sie ein Programm in Deutscher Sprache" — **INT-SIG:** Musical Box.



**V.** by QSL-card. (B.) **PUB:** MW & SW schedules available on request — **FI:** Dedicated excl. to broadc. Gospel of our Lord and Saviour Jesus Christ and is maintained by freewill contributions.

## NETHERLANDS

**L.T:** UTC + 1h (Su: UTC + 2h) — **PrL:** Dutch — **E.C:** a/c 50, 220V (yes).

### NEDERLANDSE OMROEP STICHTING (NOS)

**ADDR:** P.O. Box 10, 1200 JB Hilversum. **Te:** 035-779911. (TV/Radio). **Telex:** 43189 (TV/Radio).

The Dutch prgr's are provided by the NOS and eight broadcasting organisations:

1) Algemeene Vereeniging Radio Omroep (AVRO), 'sGravelandseweg 52, 1217 ET Hilversum (Independent); 2) Katholieke Radio Omroep (KRO), Emmastraat 52, 1213 AL Hilversum (Catholic); 3) Nederlandse Christelijke Radio Vereeniging (NCRV), Schuttersweg 8, 1217 PZ Hilversum (Christian); 4) Omroepvereeniging VARA, Heuvellaan 33, 1217 JL Hilversum (Socialdemocratic); 5) Televise Radio Omroep Stichting (TROS), Lage Naarderweg 45, 1217 GN Hilversum (Independent); 6) Omroepvereeniging VPRO, s'Gravelandsweg 63, 1217 EJ Hilversum (Social criticism); 7) Evangelische Omroep (EO), Oude Amerfoortseweg 79a, Hilversum (Evangelical); 8) Veronica Omroep Organisatie (VOO), Vaartweg 89, 1217 SM Hilversum (Independent).

The advertising on radio and television is provided by the Stichting Ether Reclame (STER), Laapersveld 70, 1200 AH Hilversum.

**Board of the NOS:** Chmn: E.C.M. Jurgens. Vice-Chmn: Dr. M. Dijkstra. Prgr. Affairs Radio: T. Nieuwenhuysen. Prgr. Affairs TV: C.G.G. Spaan. Techn. Affairs: H. Van Wijk. Econ. Affairs: H. Spaan. Educ. & Cult. Affairs: P.J. Beugels. Reg. Affairs: Dr. M. Dijkstra.

**STATIONS:** The radio- and TV-studios are in Hilversum but the main tr's owned by the Nederlandse Omroep Zender Maatschappij (NOZEMA) are located in Flevoland.

**Mediumwaves**

| | kHz | kW | Pr | | kHz | kW | Pr |
|---|---|---|---|---|---|---|---|
| Lopik | 675 | 120 | III | Flevoland | 1008 | 400 | I/V |
| Flevoland | 747 | 400 | II | Hengelo | 1224 | 10 | III |
| Hulsberg | 891 | 10 | III | Hoogezand | 1395 | 10 | III |

**FM:** All stereo exc. °) = mono.

| Location | I | III | IV/II | kW |
|---|---|---|---|---|
| Goes | 87.85 | 95.0 | 99.8 | 12 |
| Hulsberg | 92.1 | 95.3 | 98.7 | 4 |
| Lopik | 91.4 | 96.8 | 98.9 | 50 |
| Markelo | 91.4 | 96.2 | 98.4 | 50 |
| Roermond | 88.2 | 90.9 | 94.5 | 100 |
| Smilde | 88.0 | 91.8 | 94.8 | 50 |
| Wieringermeer | 97.7 | 89.8 | 92.2 | 10 |

+) carries Prgr. I 2300-0600 (Sun 0700)

**D.PRGR: Hilversum I:** 24h. on FM. Also on 1008kHz W 1020-1705 & 2040-0803; Sun 1830-0803. **N,Wrp:** on the h.

**Hilversum II:** 0600 (Sun 0700)-2300 on 747kHz; 1600-1900 & 2200-2300 on FM. **Special agricultural information & Wrp:** W 0445-0500, 0535-0600.

**N:** W 0630-1630 every h on the half h; also 0600, 0700, 1200, 1700, 1900, 2130, 2255. Sun 0700, 0900, 1200, 1700, 1900, 2130, 2255.

**Hilversum III:** 0600 (Sun 0700)-2300. **N:** on the h.

**Hilversum: IV:** 0600 (Sun 0700)-1600, 1900-2200. **N:** 0600 (W), 0700, 1200.

**Hilversum V:** W 0803-1020 & 1705-2040, Sun 0802-1830 on 1008kHz for immigrants in various languages. **N: Turkish:** 1800. **Berber:** 1810. **Arabic:** 1820. **Spanish:** 1830.

**Messages** (urgent tourist messages and police messages): Hilversum I 2202, Hilversum II 1624.

**ANN:** "Dit is de AVRO". "Dit is de KRO". etc. — **V.** by QSL-card.

**INT-SIG:** Three first bars from the National Anthem "Wilhemus van Nassouwe" — **PUB:** Each broadc. organisation issues its own prgr. guide.

### REGIONAL STATIONS

These st's rel. Hilversum I or III when not carrying own prgrs.

### REGIONALE OMROEP ZUID (ROZ)

**ADDR:** Bankastraat 3, Postbus 94, 6200 AB Maastricht. **Te:** 043-435353.

**STATIONS:** Hulsberg 101.2MHz 0.5kW, Roermond 102.1MHz 4kW.

**D.PRGR:** Mon-Fri 1130-1200, 1703-1800; Sat 1030-1300, 1703-1835; Sun 1130-1200, 1702-1800.
**ANN:** "Dit is Maastricht met het programma van de ROZ".
**V.** by QSL-card.

## RADIO RIJNMOND

**ADDR:** Regionale Omroep Rotterdam, Delftsestraat 21, 3013 AD Rotterdam. **Te:** 010-334433.
**STATION:** Rotterdam 93.4MHz 10kW.
**D.PRGR:** Mon-Fri 0630-0730, 1530-1730. — **V.** by letter.

## STICHTING AMSTERDAMSE DRAADLOZE OMROEP "STAD"

**ADDR:** Johan Vermeerstraat 29, Postbus 50575, 1007 DB, Amsterdam. **Te:** (020) 719071.
**STATION:** Amsterdam 94.3MHz 1kW.
**D.PRGR:** Mon-Fri 0703-0718, 1103-1145, 1603-1745. Also 4 mins at 0803, 0903, 1003, 1203, 1303, 1403, 1503; Sat/Sun 1103-1200, 1603-1800.
**ANN:** "Via de FM-band op 94.3MHz luistert U naar STAD R. Amsterdam" — **V.** by QSL-card.

## STICHTING REGIONALE OMROEP BRABANT (SROB)

**ADDR:** Heggeranklaan 1, Postbus 108, 5600 AC Eindhoven. **Te:** (040) 116262.
**STATION:** Mierlo 91.9MHz 1kW.
**D.PRGR:** Mon-Fri 0615-0700, 1130-1200, 1700-1800 also 2 mins at 0803, 1003, 1303, 1503, 1603. Sat 0900-1200, 1700-1800; Sun 1000-1200, 1700-1800.
**ANN:** "Dit is Omroep Brabant vanuit Eindhoven" — **V.** by letter.

## RADIO FRYSLAN

**ADDR:** Groeneweg 1, Postbus 642, 8901 BK Leeuwarden. **Te:** (058) 51615.
**STATION:** Irnsum 88.6MHz 15kW.
**D.PRGR:** (in Frisian): W 1135-1200, 1703 (Fri 1603)-1800; 1130-1200 & 1702-1800 (also every 4 weeks from 13th Jan at 1000-1100 & 1102-1200).
**ANN:** "FM kanaal vyf Radio Fryslan" — **V.** by QSL-card.

## RADIO NOORD

**ADDR:** Martinikerkhof 23, JH Groningen. **Te:** (050) 183456.
**STATION:** Smilde 90.8MHz 4kW.
**D.PRGR:** Mon-Fri 0630-0700, 1103-1200, 1703-1730; Wed also 1603-1700; Sat 0803-1200, 1703-1800; Sun 1702-1800.
**ANN:** "Dit is R. Noord, de regionale omroep voor Groningen en Drenthe" — **V.** by QSL-card or letter.

## RADIO OOST

**ADDR:** Beursstraat 2, 7551 HV Hengelo. **Te:** 074-430045; Rosendaalseweg 704, Postbus 60002, 6800 JA Arnhem. **Te:** 085-511133.
**STATION:** Megen 89.1MHz 1kW — Markelo 96.2MHz 50kW — Hengelo 89.4MHz 1kW — Zwolle 99.4MHz 10kW.
**D.PRGR:** Mon-Fri 0630-0700, 1103-1130 & 1603-1700; Wed also 2003-2100; Sat 1603-1700 (also some weeks 1002-1100 exc. 96.2MHz); Sun 0900-1130, 1702-1800.
**ANN:** "Dit is R. Oost, de streekradio vor Overijssel en Gelderland" — **V:** by letter.
**F.PL:** New FM-tr's at Ugchelen (103.7MHz 5 kW) and Ruurlo (90.4MHz 5kW) in 1985.
**ALF:** Dfl. 46.00 (Dfl. 158.00 radio & TV).

## RADIO NEDERLAND WERELDOMROEP (non-comm.)

**ADDR:** P.O. Box 222, 1200 JG Hilversum. **Office:** Witte Kruislaan 55, Hilversum. **Te:** 035-16151. **Telex:** 43336 WOMR NL. **Cable:** Mundivox.
**L.P:** Board of Management: vacancy (Chairman) and C.H. Verheugd. Dir. of Prgr. Sce: B.H. Steinkamp; Dir. of News and Current Aff: F. Dekker; Dir. Eng.: G.J.M. Pappot; Gen. Mgr. Training Centre: J.R. Swart; Public Rel: J.C. Veltcamp Helbach; Secr. of the Board: G.R. de Vries; Dir. Personnel: P. Aartsen Tuyn; Dep. Dir's: Prgr. Transmissions: F.H.J.M. Suasso; Transcription: J.L. de Wildt; Television: A. van der Horst; Dep. Dir. News and Current Aff: R.H.C. Meijer; Spec. Proj: J. Vastenhoud; Freq. Mgr: B.J. Loog.
**Mailing Addresses for listeners** (regularly forwarded in bulk to Hilversum): Postbus 222, 1200 JG Hilversum, The Netherlands — Postbus 45, Kralendijk, Bonaire, Neth. Antilles — Postbus 2506, Paramaribo, Surinam — B.P. 404, Antananarivo, Madagascar — Bureau Afrique, B.P. 10222, Niamey, Niger — Kotakpos 2301, Jakarta, Indonesia — P.O. Box 274, Westhill, Ontario M1E 4R5, Canada — C.P. 3.222, 20000 Rio de Janeiro, Brasil — Ap. Postal 10-937, México, 11000 DF México — P.O. Box 5257, Chanakya Puri PO, New Delhi 110021 India — Ap. Postal 3663, Buenos Aires, Argentina.
**STATIONS:** "Flevo": 4×500kW (+1×100kW reserve) (G.G: 05.27E/52.21N). "Bonaire RNW" (Netherlands Antilles) 2×300kW (G.C: 68.19W/12.13N). "Talata/Volonondry" (Madagascar) 2×300kW (G.C: 47.37E/18.45S).

| kHz | kHz | kHz | kHz | kHz | kHz | kHz |
|---|---|---|---|---|---|---|
| 5955 | 7285 | 9630 | 11720 | 11930 | 17575 | 21485 |
| 6020 | 9515 | 9650 | 11730 | 11935 | 17605 | 21540 |
| 6045 | 9520 | 9715 | 11735 | 15315 | 17860 | 21640 |
| 6110 | 9540 | 9770 | 11740 | 15560 | 21475 | 21685 |
| 6195 | 9590 | 9895 | 11880 | 15570 | 21480 | 25970 |

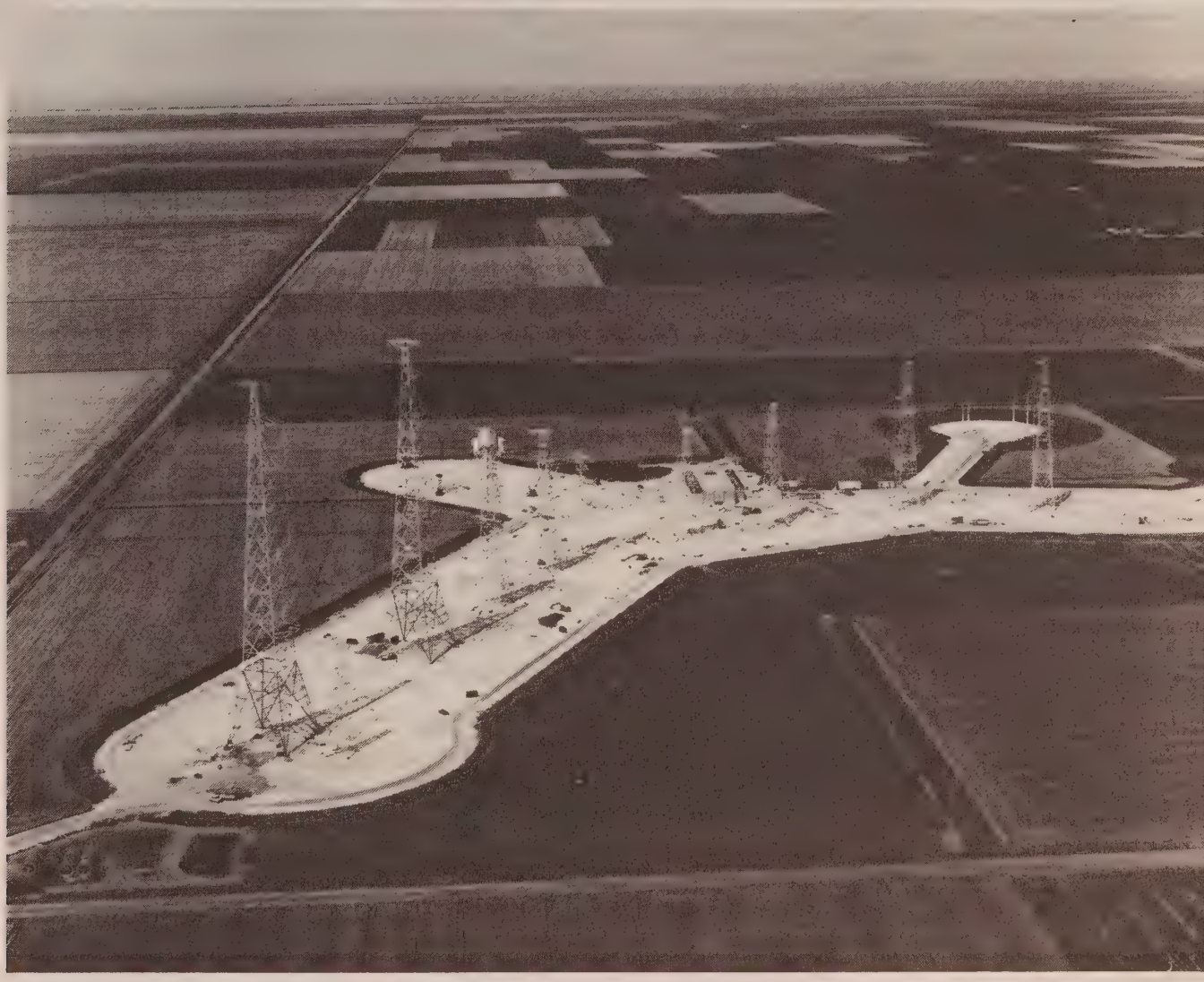
**Target Areas:** I = Europe; II = Middle East; III = Africa; IV = Asia; V = Australia/New Zealand; VI = North America; VII = Central America; VIII = South America.
Unpredictable frequency changes may be necessary due to interference. Behind frequencies in brackets = antenna direction in degrees, clockwise from true North.

**OPERATION SCHEDULE until 30th March 1985**
(for next schedule see below)
B = Bonaire, F = Flevo, M = Madagascar.

| Arabic | Area | Station-Frequency-Beam |
|---|---|---|
| 1530-1620 (D) | II | F17605 (113), F15560 (123) |
| 1630-1720 (D) | I/II/III | M21640 (340), M15570 (005) F11730 (133), F9895 (133) F9895 (191), L6020 (nd) F5955(nd) |
| 1730-1820 (D) | II/III | B21685 (80), B17605 (65) F11730 (198) |
| 1830-1920 (D) | II/III | F11730 (198), F9895 (133) F9895 (191) |
| **Dutch** | | |
| 0630-0725 (D) | V | B11880 (230), B9715 (230) |
| 0730-0820 (D) | I | F11930 (191), F9895 (nd) F9630 (195), L6045 (nd) F5955 (nd) |
| 0730-0820 (D) | II/III/IV | M21485 (80), M21475 (340) |
| 0830-0920 (D) | I/II | F15560 (123), F11930 (133) F9630 (nd), L6045 (nd) F5955 (nd) |
| 0830-0925 (D) | V | B9770 (230) |
| 1030-1125 (D) | IV/V | M21480 (55), M15560 (115) |
| 1030-1120 (D) | I | F17605 (167), F11930 (198) F9895 (nd), L6045 (nd) F5955 (191) |
| 1130-1220 (D) | I/II | F17605 (123), F11930 (123) F9895 (nd), L6045 (nd) F5955 (nd) |
| 1330-1425 (D) | IV | M21480 (80), M15560 (85) |
| 1530-1625 (D) | IV | M21480 (45), M15570 (35) |
| 1530-1620 (D) | I/II | F9895 (nd), L6020 (nd) F5955 (nd) |
| 1730-1820 (D) | I/II/III | M15570 (330), L11720 (133) F9895 (123), F9895 (157) M6020 (255), L6020 (nd) |
| 1930-2025 (D) | I/III | B21685 (80), B17605 (80) F6020 (191) |
| 2130-2220 (S) | VI/VIII | F11730 (260), F9715 (260) F6020 (260) |
| 2130-2225 (D) | I/VIII | B17605 (133), B15560 (170) B9895 (205) |
| 2230-2255 (D) | IV | M11735 (85), M7285 (85) |
| 2230-2320 (S) | VI/VII/ VIII | B15560 (320), B15315 (170) F9895 (245) |
| 0000-0025 (D) | IV | M11735 (85), M7285 (85) |
| 0030-0125 (D) | VI/VII/ VIII | B15315 (170), F9895 (275) B 6165 (350) |

# Two Thousand kiloWatts Under the Sea!

Photo: Aerocamera Rotterdam Airport



*Radio Nederland's new transmitters (in operation april '85).*

Since 1927, the Dutch have made a firm commitment to shortwave. Now, on reclaimed land four metres below sea level, the new transmitter site in the Flevopolder continues tradition.

*Some stations talk to the world.*
*We talk to people – in 9 languages.*

Write for a free programme-schedule to:

**Radio Nederland**

P.O. Box 222, 1200 JG Hilversum, The Netherlands.

| Dutch | Area | Station/Frequency/Beam |
|---|---|---|
| 0430-0525 (D) | VI/VII/ II | F9895 (123), B9590 (320) B6165 (320) |
| **Dutch/Papiamento/Sranan Tongo** | | |
| 0900-1025 (D) | VIII | B6020 (nd) |
| 1630-1725 (S) | VIII | B11740 (110), B6020 (nd) |
| 2130-2220 (W) | VIII | F11730 (260), F9715 (260) F6020 (260) |
| **English** | | |
| 0700-0720 (D) | I/II | F11930 (198), F9895 (172) F9630 (191), F5955 (nd) |
| 0700-0720 (D) | II/III/IV | M21485 (80), M21475 (340) |
| 0730-0825 (D) | V | B9770 (230), B9715 (230) |
| 0830-0855 (W) | V | B9715 (230) |
| 0930-1020 (D) | I | F15560 (123), F11930 (133) F9895 (nd), L6045 (nd) F5955 (nd) |
| 1030-1125 (D) | V/VIII | B9650 (230), B6020 (nd) |
| 1330-1420 (D) | I/IV | F17605 (80), F11935 (157) F9895 (nd), L6020 (nd) F5955 (nd) |
| 1430-1525 (D) | IV | M21480 (45), F17605 (90) M11735 (35) |
| 1830-1920 (D) | III/I | M9540 (300), M6020 (255) L6020 (nd) |
| 2030-2120 (D) | III | B17605 (80), B15560 (80), M11740 (295), F11730 (198) M9540 (290) |
| 0230-0325 (D) | VI | F9895 (275), B9590 (350) B6165 (350) |
| 0530-0625 (D) | VI/I | F9895 (191), B9715 (320), B6165 (320) |
| **Spanish** | | |
| 1230-1320 (D) | I | F17605 (191), F11930 (205) F9895 (191), F5955 (nd) |
| 2030-2120 (D) | I | F9895 (205), F9715 (172) F6020 (191) |
| 2230-2325 (D) | VIII/I | F11730 (235), F9715 (260) F6020 (191) |
| 2330-0025 (D) | VIII | B15315 (170), F9895 (275) B6020 (nd) |
| 0130-0225 (D) | VII/VIII | B15315 (170), F9895 (275) B6165 (nd) |
| 0330-0425 (D) | VI/VII | F9895 (275), B9590 (290) B6165 (320) |
| **Portuguese** | | |
| 2230-2325 (W) | VIII | B15560 (133), B15315 (170), F9895 (245) |
| **Indonesian** | | |
| 0830-0925 (D) | IV | M21485 (80), M17575 (85) |
| 0930-1025 (D) | IV | M21485 (80), M17575 (85) |
| 1130-1225 (D) | IV | M21480 (80), M15560 (85) |
| 1230-1325 (D) | I/IV | M21480 (80), M15560 (85) L6045 (nd) |
| 2130-2230 (D) | IV | M11735 (85), M7285 (85) |
| 2300-2400 (D) | IV | M11735 (85), M7285 (85) |
| **French** | | |
| 1430-1520 (D) | I/III | F15560 (191), F9895 (191) L6020 (nd), F5955 (nd) |
| 1830-1920 (D) | III | B21685 (80), B17605 (80) F15560 (157) |
| 1930-2020 (D) | III | M11740 (305), F11730 (198) F9895 (157), F9895 (205) M9540 (295) |

**OPERATION SCHEDULE**
**31st March – 28th Sept. 1985**

| Arabic | Area | Station-Frequency-Beam |
|---|---|---|
| 1530-1620 (D) | I/II/III | F17605 (123), F15560 (113) F9895 (142), F5955 (191) |
| 1730-1825 (D) | II/III | B17605 (65), F11730 (127) F9515 (157) |
| 1930-2025 (D) | II | F11730 (191), F9895 (205) F6020 (191) |
| **Dutch** | | |
| 2230-2325 (D) | IV | M9540 (100), M7285 (100) |
| 0000-0025 (D) | IV | M7285 (85), M7285 (100) |
| 0330-0425 (D) | II | F9895 (127), F9540 (113) |
| 0630-0725 (D) | V | B11880 (230), B9715 (230) |
| 0700-0825 (D) | I/II/ | M21485 (80), M21475 (340) |

| Dutch | Area | Station/Frequency/Beam |
|---|---|---|
| 0700-0825 (D) | III/IV | F11930 (133), F9895 (205) F9630 (nd), F5955 (nd) |
| 0830-0925 (D) | V | B9770 (230) |
| 1030-1125 (S) | I/II/III | F15560 (133), F11930 (198) F9895 (nd), F5955 (nd) |
| 1030-1125 (D) | IV | M21480 (70), M17575 (55) |
| 1330-1425 (D) | IV/V | M17575 (85), M9520 (110) |
| 1530-1625 (D) | IV | M17575 (45), M15570 (35) |
| 1630-1725 (S) | VI/VIII | B17605 (170), B15560 (320) |
| 1630-1725 (D) | I | F11730 (127), F11730 (191) F9895 (nd), F5955 (nd) |
| 1730-1825 (D) | II/III | F15560 (123), F9895 (123) M9540 (300), M6020 (255) B21685 (90) |
| 2030-2125 (D) | III | B17605 (80), B15560 (80) |
| 2130-2225 (D) | VI/VII/ VIII I/VI | B17605 (170), B15560 (133) F11730 (290), F11730 (245) F9895 (290), F6020 (nd) |
| 0030-0125 (S) | VI/VIII | F9895 (230), F6020 (275) |
| 0030-0125 (D) | VI/VIII | B15315 (182), B6165 (350) |
| 0430-0525 (D) | V | B9590 (320), B6165 (320) |
| **Dutch/Papiamento/Sranan Tongo** | | |
| 0900-1025 (D) | VIII | B6020 (nd) |
| 2330-0025 (D) | VIII | F9895 (260), F6020 (260) |
| **English** | | |
| 0430-0525 (D) | II | F11720 (113), F9895 (133) |
| 0630-0655 (D) | III | F11930 (198), F9895 (191) |
| 0730-0825 (D) | V | B9770 (230), B9715 (230) |
| 0830-0855 (W) | V | B9715 (230) |
| 0830-0925 (D) | II/IV | M21485 (70), M21485 (340) |
| 1030-1125 (D) | V/VIII | B9650 (230), B6020 (nd) |
| 1130-1225 (D) | II/IV | M21480 (70), F17605 (123) M17575 (55), F15560 (50) |
| | I | F9895 (nd), F5955 (nd) |
| 1430-1525 (D) | IV | F17605 (95), M17575 (45) F15560 (80), M11740 (45) |
| | I | F5955 (nd) |
| 1630-1725 (D) | III | M9515 (300), M6020 (255) |
| 1830-1925 (D) | III | B21685 (90), B17605 (80) M9540 (300), M6020 (255) |
| | I | F6020 (nd) |
| 2030-2125 (D) | III | F11740 (172), F11730 (191) M9715 (305), M9590 (290) |
| 0130-0225 (D) | VI | F9895 (275), F6020 (290) |
| 0230-0325 (D) | VI | B9590 (350), B6165 (335) |
| 0530-0625 (D) | VI | B9715 (320), B6165 (320) |
| **Spanish** | | |
| 0530-0625 (D) | I | F9895 (205), F6110 (191) |
| 2030-2125 (D) | I | F9895 (205), F6110 (191) |
| 2230-2325 (D) | I/VII/VIII | F9895 (260), F6020 (275) |
| 2230-2325 (S) | VIII | B15560 (133), B15315 (170) |
| 2330-0025 (D) | VIII | B17605 (170), B15315 (170) |
| 0130-0225 (D) | VIII | B15315 (182), B6165 (210) |
| 0230-0325 (D) | VI/VII/VIII | F9895 (260), F6020 (275) |
| 0330-0425 (D) | VI/VII | B9590 (290), B6165 (320) |
| **Portuguese** | | |
| 2230-2325 (W) | VIII | B15560 (133), B15315 (170) |
| 0030-0125 (W) | VIII | F9895 (230), F6020 (245) |
| **Indonesian** | | |
| 2130-2230 (D) | IV | M9540 (100), M7285 (100) |
| 2300-2400 (D) | IV | M7285 (85), M7285 (85) |
| 0930-1025 (D) | IV | M21485 (80), M17575 (85) |
| 1230-1325 (D) | IV | M21480 (80), M17575 (85) |
| 1330-1425 (D) | IV I | F17605 (80), F15560 (70) F5955 (nd) |
| **French** | | |
| 1230-1325 (D) | III I | F17605 (167), F15560 (198) F5955 (nd) |
| 1430-1525 (D) | III | F9895 (205) |
| 1830-1925 (D) | III | F15560 (157), F11730 (198) F9895 (191) |
| 1930-2025 (D) | III | B21685 (90), B17605 (80) F15560 (172), M11740 (305) M9540 (290) |

D = Daily, S = Sundays, W = Weekdays. (LOCAL DAY in receiving areas).

**N. & Comm.** in all languages at start of transmission — **Documentaries:** in English: Mon — **Current Affairs in the Netherlands:** in Dutch: daily; in English: Mon, Wed and Fri (with regional

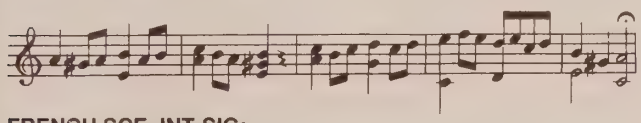
programmes to Africa and Asia); in French: Wed; in Portuguese: Wed; in Spanish: Mon — **Listener Feedback Prgrs:** in English: Sat; in French: Wed, Thurs, Sat — **Listeners' Request Prgrs:** in Arabic: Fri, Sun; in French: Sat; in Indonesian: Sun (morning); in Portuguese: Sat; in Spanish: Wed — **Agricultural Prgrs:** in Indonesian: Mon and Tues (morning); in Portuguese: Fri; in Spanish: Fri — **Popular Science:** in Arabic: Mon; in Dutch: Mon; in French: Sun; in Indonesian: Fri — **Mailbag:** in Arabic: Fri, Sun; in Dutch: Sat; in French: Sun; in Indonesian: Sun; in Portuguese: Sat; in Spanish: Wed — **Interviews:** in English: Tues; in French: daily; in Spanish: Tues and Thurs; in Portuguese: Tues — **Pop Music:** in Arabic: Sat; in French: Sun; in Indonesian: Fri — **DX Prgrs:** in Arabic: Wed; in Portuguese: Thurs; in Spanish: Fri — **SW Communications Mag:** in English: Thurs — **Sports:** in Arabic: Mon, Thurs; in Dutch: Sun/Mon, Thurs; in French: Thurs, Fri; in Portuguese: Mon; in Spanish: Mon — **International Cooperation:** in Arabic: Wed, Fri, Sat; in Dutch: Thurs; in French: Tues; in Portuguese: Fri; in Spanish: Mon, Fri; in Indonesian: Mon (morning) — **Arts:** in Arabic: Thurs; in Dutch: Tues; in French: Mon; in Indonesian: Thurs; in Portuguese: Wed, Fri; in Spanish: Tues, Thurs, Sat — **Gen. Info about the Netherlands:** in Arabic: Thurs; in French: Wed; in Indonesian: Tues, Wed, Thurs, Fri; in Portuguese: Tues; in Spanish: Mon, Wed — **News Magazine:** in French: Fri — **Political Reviews:** in French: Fri — **The Happy Station:** on Sundays R. Netherlands' English and Spanish transmissions (exc. English 20 min. prgrs) consist of the Happy Station Show/Estación de la Alegria. This "Sunday Family Show of Smiles across the Miles" is hosted by multi-lingual Tom Meyer.

**Return Line:** 24-hour automatic answering sce enables listeners to **English Section** prgrs to phone in comments and questions. Dial country code 31 for the Netherlands, then 35-18700.

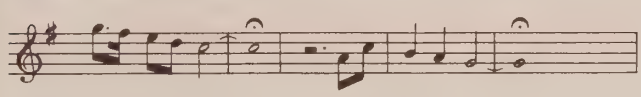
**Flevo changes:** When the new Flevoland transmitter site begins operation, the length, content, and day of many English language programmes are subject to change. Full details not announced before going to press. Changes in WRTH Newsletter.

**ANN:** Dutch: "Hier is R. Nederland Wereldomroep in Hilversum". English: "This is R. Netherlands, the Dutch International Service". French: "Ici R. Nederland, Hilversum, Hollande". Indonesian: "Inilah Siaran Indonesia R. Nederland dipancarkan dari Hilversum melalui Malagasy". Spanish: "Transmite R. Nederland desde la ciudad de Hilversum en Holanda". Portuguese: "Esta é a R. Nederland. Emissora International da Holanda". Arabic: "Idha'atu 'l Holanda 'l Arabiya fi Hilversum".

**GENERAL INT-SIG:** Old Dutch folk-song: "Merck toch hoe sterck" played on carillon or celeste.



**FRENCH SCE. INT-SIG:**



**V.** by QSL-card, limited to one card per listener per month. Written reception reports, especially from Middle East & Africa, appreciated when following format laid down in free publication "Writing Useful Reception Reports". Emphasis is on feedback to programme content. Taped reports discouraged.

**PUB:** Prgr. schedule covering all language services issued in March & September. Various shortwave related pamphlets in Spanish & Arabic; researched consumer advice on choosing a SW receiver (English & Dutch), and current publications connected with international broadcasting in English. All free, ask for "Listeners Services Catalogue."

**TRANSCRIPTION SERVICE**

A free sce to foreign st's, issues complete prgrs about the Netherlands, international cooperation, specific information, culture and tailored to the requirements of the areas served.

### AMERICAN FORCES NETWORK (SHAPE)

**ADDR: & L.P:** See under Belgium.

| Stations | MHz | kW | | MHz | kW |
|---|---|---|---|---|---|
| Schinnen | 89.15 | 0.075 | Volkel A.B. | 93.6 | 0.05 |
| Maastricht | 93.4 | 0.025 | Soesterberg | 103.3 | 0.025 |

**D.PRGR:** 24h. Relays of AFN1-SHAPE, Belgium.
**V.** by QSL-card.

### BRITISH FORCES BROADCASTING SERVICE

**ADDR:** See under BFBS Germany.
**STATIONS:** Maastricht 101.2/Hoensbroek 101.7MHz 0.05kW.
**D.PRGR:** Relays of BFBS Germany (see main entry under "Germany") — **V.** by QSL-card.

### CANADIAN FORCES NETWORK

**ADDR & L.P:** See under Germany.
**Station:** Brunssum 103.4MHz 0.05kW.
**D.PRGR:** 0515-2315 relay CFNS & RFCS Soellingen (Germany), interrupted for local prgr's.
**V.** by QSL-card.

### RADIO BLOEMENDAAL (Rig.)

(operated by Geref. Kerk van Bloemendaal since 1924).
**ADDR:** Vijverweg 14, Postbus 26, 2060 AA Bloemendaal. **Te:** (023) 250471.
**L.P:** Chief Tec. Dept: N. Andrea.
**STATION:** 1116kHz 0.05kW.
**D.PRGR:** Sun and Christian Holidays 0800-1100, 1415-1600 (Religious service and religious music only) — **V.** by QSL-card.

### STICHTING WORLD MUSIC RADIO

**ADDR:** P.O. Box 4078, 1009 AB, Amsterdam.
**L.P:** Gen. Mgr. & Prgr. Dir: Robin J. King.
**PRGRS:** WMR, a non-profit foundation under Dutch law, produces block programming which is heard on a number of FM-st's in Italy & Monaco. Current schedule available on request. Rp.
**V.** by QSL-card (B). 2 IRCs req. (3 IRC's for airmail).
**F.PL:** Regular SW broadcasts.

## NORWAY

**L.T:** UTC + 1h (Su: UTC + 2h) — **Pr.L:** Norwegian
**EC:** a/c 50, 230V (yes).

### TELEDIREKTORATET

**ADDR:** Postboks 6701, St. Olavs Pl., N-0130 Oslo 1. **Cable:** Gentel **Te:** (02) 488990. **Telex:** 7 1203 gentl.

### NORSK RIKSKRINGKASTING (Gov.)

A non-comm. enterprise operated by an indep. State organisation.
**ADDR:** Bjørnst. Bjørnsons Pl. 1, N-0340 Oslo 3. **Te:** (02) 45 90 50.
**Telex:** International Relations 76820. Radio (news) 71023.
**Cable:** Studio.
**L.P:** Dir. Gen. (Radio and TV): Bjartmar Gjerde. Dir. Adm. and Finance: Oddvar Svanevik. Tech. Dir: Kjell Løvaas. Dir. Prgrs. Radio: Gunnar Gran. Heads of Depts: News and Current Affairs: Kjell Lokvam. Foreign News: P. Riste. Shortwave: E. Thokle. International Rel: A. Birkeland. Legal Affairs: B. Granlund. Press and Inf. Officer: R. Huseby. Edit. Prgr. Bladet: Mrs. Bjørg Øydegard. Chmn. Board of Governors: Gustav ter Jung. (see also TV section).

**LONG & MEDIUMWAVES (Prgr. 1):**

| | kHz | kW | | kHz | kW |
|---|---|---|---|---|---|
| Tromsø | 155 | 10 | Bodø | 675 | 10 |
| Oslo | 218 | 200 | Vadsø | 702 | 20 |
| Røldal | 285 | 1 | Kvitsøy | 1314 | 1200 |
| Vigra | 630 | 100 | | | |

| FM (MHz) | P1 | P2 | kW | FM (MHz) | P1 | P2 | kW |
|---|---|---|---|---|---|---|---|
| Alta | 89.7 | 94.6° | 3.5 | Halden | 89.05 | 94.75 | 30 |
| Bagn | 91.7 | 95.3 | 30 | | 94.1 | — | 75 |
| Bergen | 89.1 | 94.8 | 60 | Hammer- | | | |
| Bjerkreim | 94.2 | 98.7 | 60 | fest | 96.6 | 87.7° | 30 |
| Bokn | 93.5 | 97.3 | 100 | Hemnes | 88.5 | 99.8 | 30 |
| Bremanger | 93.6 | 98.1 | 18 | Hovdefjell | 87.8 | 93.7 | 25 |
| Førde | 92.8 | 88.7 | 15 | Jetta | 95.9 | 99.5 | 30 |
| Gamlems- | | | | Karasjok | 88.75 | 96.15° | 3 |
| veten | 91.9 | 96.4 | 60 | Kautokeino | 90.35 | 93.8° | 3 |
| Gausta | 93.45 | 96.4 | 10 | Kistefjell | 91.8 | 95.7° | 30 |
| | 99.7 | — | 6 | Kongsberg | 91.3 | 95.5 | 60 |
| Greipstad | 88.8 | 92.4 | 30 | Kongsvinger | 89.8 | 93.9 | 30 |
| Grong | 91.9 | 96.6 | 60 | | 96.1 | — | 11 |
| Gulen | 88.0 | 94.5 | 30 | Kopparen | 88.3 | 94.5 | 30 |
| Hadsel | 92.4 | 99.3 | 30 | Lyngdal | 97.6 | 88.25 | 30 |

| FM (MHz) | P1 | P2 | kW | FM (MHz) | P1 | P2 | kW |
|---|---|---|---|---|---|---|---|
| Lyngen | 93.3 | 97.5° | 4.2 | Salten | 93.3 | 95.5 | 30 |
| Lønahorgi | 93.3 | 88.3 | 60 | Skien | 88.2 | 92.3 | 30 |
| Melhus | 92.4 | 97.2 | 60 | Sogndal | 91.5 | 95.1 | 30 |
| Mosvik | 90.9 | 98.4 | 30 | Steigen | 90.3 | 97.8° | 30 |
| Narvik | 88.8 | 98.7° | 30 | Stord | 96.0 | 99.6 | 60 |
| Nordfjordeid | 89.4 | 99.3 | 15 | Store Jaekkir | 99.9 | 97.3° | 1.15 |
| Nordhue | 87.6 | 97.1 | 60 | Tana | 92.5 | 97.0° | 30 |
| | 90.4 | — | 4 | Trolltind | 88.2 | 94.0° | 30 |
| Nordkapp | 89.2 | 95.4° | 15 | Tron | 98.3 | 88.55 | 30 |
| Oslo | 88.65 | 99.95 | 100 | Varanger | 88.2 | 91.8° | 30 |
| Reinsfjell | 89.1 | 95.1 | 30 | Vega | 89.3 | 95.2 | 33 |

+ more than 700 low power tr's.
°) carries Lappish sce. All tr's are stereo.
**1st Prgr:** 0500 (Sun 0600)-2310.
**N:** 0500 (W), 0600 (W), 0700 (W), 0800 (Sun), 0900 (W), 1130, 1300 (W), 1400 (Sun), 1530, 1730, 2110, 2300. **N.** in Lappish: W 1055 — **Wrp.** 0500 (W), 0600 (Sun), 0700 (W), 0800 (Sun), 1130, 1730, 2100. **Wrp. in English:** 0820 (approx) during summer — **Rlg:** Sunday service 0955. Morning services W 0550 and 0715. **Regional:** See below.
**2nd Prgr:** Mon-Fri 0500-1300 & 1400-2100; Sat 0500-2300; Sun 0500-0900 & 1000-1400. Other times rel. P1: Oslo 93.0MHz 0.9kW: rel. Overseas Sce. plus special prgrs in Turkish (Sat 1400-1430, Sun 0900-0930, Mon 1530-1545), Urdu (Sat 1430-1455, Sun 0930-0955, Wed 1530-1545), & Lappish Prgr.
**ANN:** "Dette er Norsk Rikskringkasting". Lappish: "Datlae Sámér-adio, Kárásšjagás".
**F.Pl:** A nighttime sce is being considered.

## REGIONAL SERVICES

**D.Prgr** for all regional outlets (unless otherwise stated): Mon-Fri 0545-0600, 0602-0625, 0710-0715, 1100-1115, 1600-1700; Sat 0615-0625, 1100-1130; Sun 1930-1945.

### NRK FINNMARK
**Addr:** Postboks 190, 9801 Vadsø. **Te:** (085) 52371.
**Stations:** 702kHz 20kW + FM 88.2/88.75/89.2/89.7/90.35/92.5/96.6MHz. — **V.** by letter.

### NRK TROMS
**Addr:** Postboks 220, 9001 Tromsø. **Te:** (83) 87011.
**Stations:** 155kHz 10kW + FM 88.2/91.8MHz — **V.** by QSL-card.

### NRK NORDLAND
**Addr:** Postboks 351, 8001 Bodø. **Te:** (081) 24810.
**Stations:** 675kHz 10kW + FM 88.5/88.8/89.3/90.3/92.4/93.3MHz. — **V.** by QSL-folder.

### NRK HELGELAND
**Addr:** Postboks 20, 8601 Mo i Rana. **Te:** (078) 51499.
**Stations:** FM 88.5/89.3MHz.
**D.Prgr:** Rel. NRK Nordland exc. own prgrs Tues/Thurs 1630-1700. — **V.** by QSL-folder.

### NRK NORD-TRØNDELAG
**Addr:** Postboks 2, 7701 Steinkjer. **Te:** (077) 61220.
**Stations:** FM 90.9/91.9MHz.
**D.Prgr:** Rel. NRK Sør-Trondelag exc. own prgrs Tues/Wed/Fri 1615-1700 — **V.** by letter.

### NRK SØR-TRØNDELAG
**Addr:** Postboks 2250, 7001 Trondheim. **Te:** (075) 25130.
**Stations:** FM 88.3/92.4MHz — **V.** by QSL-card.

### NRK MØRE OG ROMSDAL
**Addr:** Parkgt. 3 VI, 6000 Ålesund. **Te:** (071) 25425.
**Stations:** 630kHz 100kW + FM 89.1/91.9MHz — **V.** by QSL-card.

### NRK SOGN OG FJORDANE
**Addr:** Postboks 100, 6801 Førde. **Te:** (057) 22122.
**Stations:** FM 88.0/89.4/91.5/92.8/93.6MHz.
**D.Prgrs:** Own prgrs Mon-Fri 1100-1115, 1600-1700, otherwise rel. NRK-Hordaland — **V.** by letter.

### NRK HORDALAND
**Addr:** Postboks 727, 5001 Bergen. **Te:** (05) 310480.
**Stations:** FM 89.1/93.3/96.0MHz — **V.** by letter.

### NRK ROGALAND
**Addr:** Postboks 17, 4001 Stavanger. **Te:** (045) 33150.
**Stations:** FM 93.5/94.2MHz — **V.** by letter.

### NRK SØRLANDET
**Addr:** Postboks 564, 4601 Kristiansand S. **Te:** (042) 22040.
**Stations:** FM 87.8/88.8/97.6MHz — **V.** by QSL-card.

### NRK TELEMARK
**Addr:** Borgeåsen, 3900 Porsgrunn. **Te:** (035) 55025.
**Stations:** FM 88.2/93.45MHz.

### NRK OPPLAND
**Addr:** Postboks 340, 2601 Lillehammer. **Te:** (062) 55300.
**Stations:** FM 90.4/95.9/97.1MHz. — **V.** by letter.

### NRK HEDMARK
**Addr:** Postboks 216, 2401 Elverum. **Te:** (064) 13500.
**Stations:** FM 87.6/89.8/98.3MHz. — **V.** by letter.

### NRK ØSTFOLD
**Addr:** Tøjhusgt. 43/44, 1600 Frederikstad. **Te:** (032) 20218.
**Station:** FM 89.05MHz.
**D.Prgr:** Rel. NRK-Østlandssendinga exc. own prgrs Mon-Fri 1600-1700.

### NRK OSLO-AKERSHUS
**Addr:** Staffeldts Gt. 2, N-0166 Oslo 1. **Te:** (02) 201220.
**Stations:** 218kHz 200kW + FM 88.65/96.1MHz. — **V.** by QSL-card.

### NRK BUSKERUD-VESTFOLD
**Addr:** Havnegt. 10, 3000 Drammen. **Te:** (03) 838000.
**Stations:** FM 91.3/94.7/99.7MHz.
**D.Prgr:** Rel. NRK-Østlandssendinga exc. own prgrs Mon-Fri 1600-1700. — **V.** by letter.

### SPECIAL PRGRS IN LAPPISH (SÁMERADIO)
**Addr:** 9730 Karasjok. **Te:** (084) 66209.
**Stations:** see main FM list.
**D.Prgr:** Mon-Fri 0700-0705, 1500-1545; Thurs 1710-1730; Fri 2130-2230; Sat 1500-1530; Sun 0830-0900.
**F.PL:** 1200kW LW-tr's at Vanna & Bastøy, 1200kW MW-tr at Smøla, 3×500kW SW-tr's (for Ext. Sce) at Sveio.
**V.** Reception reports on long- and MW-trs must be on reg. transmissions to be verified.

## FOREIGN SERVICE

**MEDIUMWAVE:** Kvitsøy 1314kHz 1200kW.
**SHORTWAVES:** Frederikstad (G.C: 10.58E/59.11N): 1×250kW, 2×120kW, 1×100kW tr's; Kvitsøy (G.C: 05.27E/59.04N): 2×500kW tr's.

| kHz | kHz | kHz | kHz | kHz | kHz |
|---|---|---|---|---|---|
| 6010 | 9520 | 9590 | 11860 | 15165 | 17745 |
| 6015 | 9525 | 9605 | 11865 | 15175 | 21700 |
| 6020 | 9565 | 9610 | 11910 | 15210 | 21705 |
| 7210 | 9580 | 9615 | 11925 | 15220 | 21730 |
| 7215 | 9585 | 9665 | 11945 | 15225 | 21735 |

### Schedule Nov 4th 1984 — March 2nd 1985

**NB:** If freq. changes are necessary, these will take place on the 1st of the month.
All tr's last 45 minutes. *) omnidirectional. Freq's in bold = 500kW.

**N.Prgr (News)**

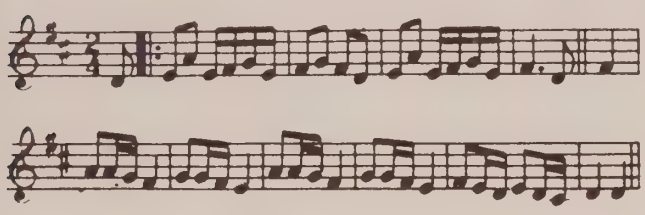
| Time | kHz (Beam) |
|---|---|
| 0600 | **6010** (150), 6020 (320) **9590** (170) |
| 0700 | 9590 (220), **11865** (050) 15165 (130), **21735** (095) |
| 1100 | 6015 (*), 21705 (220) **21735** (095) |
| 1200 | **7215** (035), **15165** (065) 15220 (290) **15220** (160) |
| 1500 | 15175 (275), **15225** (130) **17745** (150) |
| 1800 | 9590 (200), **9615** (130) 11860 (150) |
| 2100 | **9525** (220), **9590** (035) 9610 (245) |

**P.Prgr (Features)**

| Time | kHz (Beam) |
|---|---|
| 1000 | **9590** (035), **15175** (030) 21730 (080) |
| 1300 | 9590 (*), 21700 (260) **21730** (160) |
| 1400 | **11925** (080), 15175 (300) **15210** (095) |
| 1600 | **7210** (095), 11860 (320) **15165** (140) |
| 1700 | 9565 (340), 11865 (290) **15220** (160) |
| 1900 | 9525 (260), **9615** (170) **11945** (160) |
| 2000 | 6015 (210), **7215** (180) **9525** (220) |

| N.Prgr (News) Time | kHz (Beam) | P.Prgr (Features) Time | kHz (Beam) |
|---|---|---|---|
| 2300 | **9525** (220), 9590 (260) 9605 (290) | 2200 | 6015 (260), **7210** (050) **9520** (225) |
| 0100 | 6020 (290), 9585 (320) **9590** (220) | 0000 | **7210** (080), 9585 (290) **9615** (080) |
| 0200 | 9585 (290), **9590** (095) 9610 (320) | 0400 | **9580** (130), 9610 (285) **9665** (115) |
| 0300 | 6015 (300), **9590** (140) 9610 (290) | 0500 | 6020 (340), **11865** (150) **11910** (120) |

**Weather Reports for the Atlantic:** 1455 on 15175kHz, 2255 on 9590/9605kHz, 0055 on 6020/9585kHz, 0255 on 6015/9610kHz.
**Prgrs. in English ("Norway Today"):** Sun only, for the first 30 mins of all **P** Prgrs. Trs include news, music, interviews and feature prgrs.
**N. in Spanish** (5 mins): on **P** Prgr five mins before s/off every Mon.
**ANN:** "This is Radio Norway International".
**SIG. TUNE:** Each SW tr. begins with theme which originates from an ancient folk tune from Hallingdal.



**V.** We are grateful for comments on our transmissions. Reports are answered by QSL-cards. Rp. not necessary. Our postal address is: Radio Norway International, N-Oslo 3, Norway.
**PUB:** Programbladet (weekly); SW prgr/freq guide. Free on request.

## UNIVERSITY RADIO STATIONS

Two st's are granted annual short-term licenses to operate on 1485kHz 0.5kW + FM during fund-raising weeks for charity. These are: R. Susie, P.O. Box 62, Oslo 8 (Sept/Oct); University R. Trondheim, Elgsetergata, 7000 Trondheim (Oct/Nov). A st. called Karnevalsradioen uses the tr. of R. Susie during the Oslo carnival in late May/early June. **V.** by QSL-card (2 IRC's).

## COMMUNITY RADIO

Many communities have a low power FM tr. (10W or less) carrying prgrs produced by local people & special interest groups. These st's generally operate on 101MHz.

## AFRTS (U.S. Military)

**STATION:** Oslo 103.5MHz 5W(d).

### JAN MAYEN (Norwegian Territory)

**L.T:** UTC + 1h — **Pr.L:** Norwegian — **EC:** a/c 50, 230V (yes).

## JAN MAYEN METEOROLOGICAL STATION

**ADDR:** 8013 Jan Mayen, Via Bodø Postkontor, 8000 Bodø.
**STATION:** Helenesanden (G.C: 8.40W/70.56N): 88.4MHz 15W.
**D.PRGR:** Rel. NRK Home Sce. incl. Møre og Romsdal regional prgr. from Vigra 630kHz — **V.** by letter.

### SVALBARD (SPITSBERGEN) (Norwegian Territory)

**L.T:** UTC + 1h — **Pr.L:** Norwegian — **EC:** a/c 50, 230V (yes).

## NRK SVALBARD

**ADDR:** 9170 Longyearbyen.
**STATION:** Longyearbyen (G.C: 25.24E/78.14N): 1485kHz 1kW.
**FM:** Svea 89.05MHz 15W (both rel. NRK Prgr.1) — Longyearbyen 92.4MHz 15W (rel. NRK Prgr.2).
**D.PRGR:** Rel. NRK Home Sces + local ann. when necessary.

### BJØRNØYA (Norwegian Territory)

## BJØRNØYA METEOROLOGICAL STATION

**ADDR:** 9176 Bjørnøya.
**STATION:** Herwighamna (G.C: 19.01E/74.30N): 96.6MHz 15W.
**D.PRGR:** Rel. NRK Home Sce incl. Finnmark regional prgr.
**V.** by letter.

# POLAND

**L.T:** UTC + 1h (Su: UTC + 2h) — **Pr.L:** Polish
**E.C:** a/c 50, 220/380V (yes).

## POLSKIE RADIO I TELEWIZJA

**ADDR:** Komitet do Spraw Radia I Telewizji "Polskie Radio i Telewizja", P-35, PL 00-950, Warszawa. **Te:** 478501. **Telex:** 815331.
**L.P:** Pres: Miroslaw Wojchiechowski. Dep. Presidents: Wladyslaw Korczac (TV), Jan Grzelak (radio), Konrad Kozlowski (Tec). Editor-in-Chief Ext. Sce: Edmund Makuch. Int. Rel. Dir: Zbigniew Drewnowski.

### HOME SERVICE

**Long- and Mediumwaves:**

| | kHz | kW | | kHz | kW |
|---|---|---|---|---|---|
| Warszawa III | 200 | 200 | Kraków | 1368 | 60 |
| Warszawa I | 227 | 2000 | Zielona Gora | 1368 | 30 |
| Poznán | 738 | 300 | Gizycko | 1485 | 1 |
| Warszawa II | 819 | 300 | Kolobrzeg | 1485 | 1 |
| Katowice | 1080 | 1500 | Przemyśl | 1485 | 1 |
| Koszalin | 1206 | 10 | Lódz | 1485 | 1 |
| Lublin | 1206 | 60 | Szczecinek | 1485 | 1 |
| Wroclaw | 1206 | 200 | Zakopane | 1485 | 1 |
| Olszytn | 1206 | 2 | Stargard | 1503 | 300 |
| Szczecin | 1260 | 160 | Ostróda | 1584 | 1 |
| Bialystok | 1305 | 60 | Gorzów Wlkp | 1602 | 1 |
| Gdánsk | 1305 | 60 | Mragowo | 1602 | 1 |
| Lódz | 1305 | 60 | Lidzbark | 1602 | 1 |
| Rzeszów | 1305 | 100 | Radom | 1602 | 1 |

| FM (MHz) | II° | III | IV + Reg | kW |
|---|---|---|---|---|
| Biala Podlaska | 68.03 | 66.47 | 70.22 | 25 |
| Bialystok | 71.24 | 72.80 | 70.01 | 74 |
| Bydgoszcz | 71.06 | 72.62 | 68.96 | 32 |
| Czestochowa | 67.79 | 66.23 | 68.96 | 10 |
| Gdánsk | 67.85 | 66.29 | 70.31 | 40 |
| Jelenia Gora | — | 66.29 | 68.78 | — |
| Katowice | 67.55 | 65.99 | 68.33 | 14 |
| Kielce | 71.15 | 72.71 | 70.49 | 62 |
| Koszalin | 67.73 | 66.17 | 69.92 | 54 |
| Kraków | 67.67 | 66.89 | 68.75 | 120 |
| Kudowa | 68.51 | 65.90 | — | — |
| Lublin | 71.03 | 72.59 | 69.92 | 60 |
| Lódź | 73.01 | 72.23 | 68.51 | 80 |
| Olsztyn | 67.25 | 69.56 | 70.82 | 76 |
| Opole | 70.31 | 66.77 | 72.89 | 60 |
| Pila/Walcz | 71.24 | 72.80 | 69.38 | 30 |
| Plock/Sierpc | 70.97 | 72.53 | 68.72 | 10 |
| Poznań | 68.18 | 66.62 | 69.74 | 38 |
| Przemysl | 72.41 | 71.69 | 68.60 | 0.15 |
| Rzeszów | 67.46 | 65.90 | 68.24 | 7 |
| Suwalki | 71.12 | 72.68 | 68.60 | 30 |
| Szczecin | 67.52 | 66.74 | 68.78 | 60/74/74 |
| Warszawa | 71.45 | 67.94 | 69.20 | 100 |
| Wroclaw | 71.33 | 72.11 | 70.67 | 120 |
| Zakopane | — | 71.45 | 70.31 | 0.1 |
| Zamość | 69.38 | 66.68 | 67.61 | — |
| Zielona Góra | 72.50 | 70.94 | 69.14 | 52 |
| Zgorzelec | 69.56 | 67.46 | 68.24 | 30 |

°) stereo.

**D.PRGRS** (Subject to variation):
**Radio 1:** 24h on 227kHz.
**N:** 0000, 0100, 0200, 0300, 0400, 0500 (W), 0600, 0700, 0800, 0900 (W), 1000, 1105, 1200 (W), 1300, 1400 (W), 1500, 1600 (W), 1700 (W), 1800, 1900 (W), 2100 (W), 2200, 2300.
**Radio 2** on MW + FM: 0427 (Sun 0557)-2300. On 200kHz: 0800 (Sun 0740)-1500.
**N:** W 0430, 0630, 0830, 1030, 1230, 1430, 1730, 2030, 2250; Sun 0600, 0930, 1330, 1530, 1930, 2250.
**Prgr. 3 (Trojka):** 0557-2400 (Sat 2300). **N:** 0600, 0700, 0800, 1400, 1500, 1600, 1700, 2145; Sun 0800, 1200, 1800, 2100.
**Radio 4:** Mon-Fri 0457-0800, 0900-2400; Sat 0457-2400; Sun 0627-2400.
**N:** W 0500, 1100, 1400, 1600, 1800, 2130; Sun 0700, 1100, 2100.
**Regional prgrs:** W 0530-0800, 1605-1730; Sun 0705-0800, 1605-1700.

**FOREIGN SERVICE ("Radio Polonia")**

**ADDR:** All Niepodleglosci 75/77, Warszawa.
**STATIONS:** (G.C: 20.52E/52.04N): 8/100kW. MW: See Home Sce.

| kHz | kHz | kHz | kHz | kHz | kHz | kHz |
|---|---|---|---|---|---|---|
| 3955 | 6135 | 7145 | 7285 | 9540 | 11815 | 15120 |
| 5995 | 7125 | 7270 | 9525 | 9675 | 11840 | 17865 |
| 6095 | | | | | | |

**Schedule Nov. 1984–May 1985**

**TO EUROPE**

| **Danish** | kHz |
|---|---|
| 1430-1455 | 9540, 7285 6135, 6095 5995, 1503 |
| 1530-1600 | 6135, 5995 1503 |
| 1730-1800 | 7285, 6095 |
| **English** | |
| 0630-0700 | 9675, 7270 6135 |
| 1200-1225 | 7285, 6095 |
| 1400-1430 | 7285, 6095 |
| 1500-1530* | 7285, 6095 5995, 1503 |
| 1600-1630 | 9540, 6135 |
| 1700-1730* | 9675, 5995 1503 |
| 1730-1800 | 9540, 6135 |
| 1830-1855 | 7285, 6135 5995, 1503 |
| 2000-2025* | 7285, 6095 5995, 1503 |
| 2030-2055 | 7285, 6095 |
| 2230-2300 | 7270, 7125 6135, 5995 1503 |

*) Mon-Fri, to Scandinavian countries.

| **Esperanto** | |
|---|---|
| 0530-0600 | 7270, 6135 5995, 1503 |
| 1100-1125 | 9525, 7145 |
| 1530-1555 | 9675, 7285 |
| 1630-1655 | 7285, 6095 |
| 1930-2000 | 7285, 6095 |
| 2130-2155 | 7285, 6095 5995, 1503 |
| **Finnish** (Sat/Sun) | |
| 2000-2025 | 7285, 6095 5995, 1503 |
| **French** | |
| 0600-0630 | 9675, 7270 6135 |
| 1130-1200 | 9540, 7125 6135 |
| 1300-1330 | 9540, 6135 |
| 1500-1530 | 11840, 9525 |
| 1800-1825 | 9540, 7125 6135 |
| 2000-2030 | 7270, 6135 |
| 2030-2100 | 7270, 6135 5995, 1503 |
| 2200-2225 | 7270, 7125 6135, 5995 1503 |
| **German** | |
| 1200-1225 | 9540, 7125 6135, 5995 1503 |
| 1400-1430 | 9540, 6135 1503 |
| 1500-1530 | 9540, 7125 6135 |
| 1600-1630 | 7285, 6095 5995, 1503 |
| 1800-1825 | 7285, 6095 5995, 1503 |
| 1900-2000 | 7270, 6135 5995, 1503 |

| **German** | kHz |
|---|---|
| 2100-2200 | 7270, 7125 6135 |
| **Italian** | |
| 0700-0730 | 9525, 7145 |
| 1230-1255 | 7285, 6095 |
| 1530-1600 | 11840, 9525 |
| 1730-1800 | 11840, 9525 |
| 2100-2130 | 9525, 7145 5995, 1503 |
| 2130-2200 | 9525, 7145 |
| **Spanish** | |
| 0400-0455 | 7270, 6135 1503 |
| 1300-1330 | 15120, 11840 9525 |
| 1800-1830 | 11840, 9525 |
| 2200-2300 | 9675, 7145 |
| **Swedish** (Sat/Sat) | |
| 1500-1530 | 7285, 6095 5995, 1503 |
| 1700-1730 | 9675, 5995 1503 |

| **Music** | kHz |
|---|---|
| 0500-0530* | 7270, 6135 5995, 1503 |
| 1130-1200* | 7285, 6095 5995, 1503 |
| 2305-2355 | 7270, 7145 7125, 6135 5995, 1503 1260, 1206 738 |

*) Chopin music.

**TO AFRICA**

| **English** | |
|---|---|
| 1230-1300 | 15120, 11840 9675, 9525 |
| 1630-1700 | 11840, 9675 9525, 7125 |
| 1830-1855 | 11840, 9675 9525, 7125 |
| 2000-2030 | 9675, 9525 7145, 7125 |
| **French** | |
| 1330-1355 | 15120, 11840 9525 |
| 1700-1725 | 11840, 9525 7285 |
| 1830-1855 | 9540, 6095 |

**TO ARAB COUNTRIES**

| **Arabic** | |
|---|---|
| 1400-1500 | 17865, 15120 11840, 9525 |
| 1600-1625 | 11840, 9525 7125 |
| 1700-1725 | 9675, 7125 6095 |
| 1900-1955 | 11840, 9675 9525, 7125 |

**TO NORTH AMERICA**

| **English** | |
|---|---|
| 0200-0355 | 15120, 11815 9525, 7270 7145, 6135 6095 |

**TO NORTH AMERICA**

| **Polish** | kHz |
|---|---|
| 1130-1225 | 17865, 11840 9525 |

**GENERAL SERVICE IN POLISH**

| **Overseas Sce** | |
|---|---|
| 0000-0200 | 15120, 11815 9525, 7270 7145, 6135 6095 |
| 0400-0555 | 15120, 11815 9525, 7145 6095 |
| 1300-1355 | 9675, 7285 6095, 1503 |
| 2200-2300 | 9525, 7285 6095 |

| **For Poles abroad** | kHz |
|---|---|
| 0600-0700 | 9525, 7285 7145, 6095 5995, 1503 |
| 0700-0800 | 9675, 7285 7270, 6135 6095, 5995 1503 |
| 1230-1300 | 9540, 6135 1503 |
| 1330-1355 | 9540, 6135 |
| 1530-1555 | 9540, 7125 |
| 1630-1730 | 9540, 6135 5995, 1503 |
| 1900-1925 | 7285, 6095 |
| 2100-2130 | 9675, 7285 6095 |
| 2305-2355 | 9525, 7285 6095, 1305 1080, 819 |

**ANN: Home Sce:** "Tu Polskie Radio Warsawa" (or another station when local programme) — **Foreign Sce:** (in all languages): "Radio Polonia".
**INT-SIG: Foreign Sce:** Revolutionary Etude by Chopin.
**V.** by QSL-card and letter. **PUB:** "Antena" (weekly), Polish Radio and Television Bulletin (monthly) — **FI:** By licence payments — **AD:** 7% of broadc. time — **ALF:** 360,-Zlotys.

# PORTUGAL

**L.T:** UTC (Su: UTC + 1h) — **Pr.L:** Portuguese — **E.C:** a/c 50, 220/380V (yes).

## RADIODIFUSÃO PORTUGUESA (RDP)

**ADDR:** Central Sce. Ava Duarte Pacheco 5, 1000 Lisboa. **Te:** 654041. **Cable:** RDPINS-P. **Telex:** 15649.
**L.P:** Dir. Gen: Dr. Manuel Magro. Asst. Dir. Non-Comm. Prgrs: Dr. A. Oliveira Pires. Asst. Dir. Comm. Centre Prgrs: J. David Nunes. Dir. Inf. Centre: José Gabriel Viegas. Dir. Tec: Eng. Vito Oliveira. Dir. Exploit. Centre: Alberto Nunes. Admin. Dir: Dr. Alves da Cunha. Public Rel. Dept: Dr. a Maria da Paz de Barros Santos.

**HOME SERVICE**

**ANTENA 1:**

| **Mediumwaves** | kHz | kW | **FM** | MHz | kW |
|---|---|---|---|---|---|
| Guarda | 558 | 10 | Mendro | 87.7 | 5 |
| Valença | 567 | 10 | Lousã | 87.9 | 22 |
| Chaves | 630 | 1 | Muro | 88.3 | 5 |
| Miranda do Douro | 630 | 1 | Monchique (Fóia) | 88.9 | 5 |
| Montemorvelho | 630 | 50 | Bornes | 92.8 | 5 |
| Lisboa | 666 | 135 | Guarda | 94.7 | 5 |
| Bragança | 666 | 1 | Minhéu | 94.9 | 1 |
| Vila Real | 666 | 10 | Marão | 95.2 | 5 |
| Viseu | 693 | 10 | Lisboa I | 95.7 | 22 |
| Azurara (Porto) | 720 | 100 | Bragança | 96.4 | 0.2 |
| Mirandela | 720 | 10 | Porto (M. Virgem) | 96.7 | 22 |
| Faro | 720 | 10 | Faro (S. Miguel) | 97.6 | 5 |
| Castelo Branco | 720 | 1 | Portalegre | 97.9 | 5 |
| Portalegre | 1196 | 1 | Valença | 98.2 | 5 |
| Elvas | 1332 | 1 | | | |
| Canidelo (Porto) | 1377 | 10 | | | |
| Covilhã | 1562 | 1 | | | |

**D.Prgr:** 24h. **N.** on the h. Main bulletins: 1200 (regional, Mon-Fri), 1300, 1900, 2330.
**Regional prgrs: RDP/Norte:** Mon-Fri 0900-1300 & 1700-1900 on 720/1377kHz. — **RDP/Centro:** Mon-Fri 1000-1300 & Fri/Sat 0000-0700 on 630kHz.
**Bragança:** Mon-Fri 1200-1300, 1800-2000 on 666kHz — **Elvas:** Mon-Fri 1800-1900, Sat 1700-1900, Sun 1000 & 1400-1700 on 1332kHz.
**Alternative Prgr:** Sun 1400-1800 on 1377kHz (also on 756kHz: See Prgr.2).

**We draw your attention to "Last Minute Information" where you will find the External Sce. schedule of Radio Portugal, received too late for inclusion in this section.**

**Programa 2:** Lisboa 756kHz 135kW

| FM | MHz | kW | | MHz | kW |
|---|---|---|---|---|---|
| Minheu | 88.05 | 1.5 | Monchique (Fóia) | 91.5 | 5 |
| Guarda | 88.4 | 5 | Porto (M. Virgem) | 92.5 | 22 |
| Montejunto | 88.7 | 5 | Portalegre | 92.9 | 5 |
| Lamego | 88.7 | 5 | Faro (S. Miguel) | 93.4 | 5 |
| Lousã | 89.3 | 22 | Gardunha | 93.9 | 5 |
| Mendro | 91.1 | 5 | Lisboa | 94.3 | 22 |
| Bornes | 91.1 | 5 | Valença | 99.0 | 5 |
| Braga | 91.3 | 5 | | | |

**D.Prgr:** 0800-0100.
**N:** 0800, 1330, 1800, 2000, 0100. **Alternative Prgr:** Sun 1400-1800 on 756kHz. (also on 1377kHz: See Antena 1).

**Rádio Comercial:**

| Mediumwaves | kHz | kW | | kHz | kW |
|---|---|---|---|---|---|
| Faro (1) | 558 | 10 | Covilhã (2) | 828 | 1 |
| Castelo Branco (2) | 828 | 1 | Lisboa | 1035 | 120 |
| Coimbra (2) | 828 | 1 | S. Salvador | 1062 | 100 |
| Viseu | 828 | 1 | Vila Real | 1170 | 10 |
| Guarda (2) | 828 | 1 | Canidelo (Porto) | 1575 | 10 |

**D.Prgr:** 24h — 1) **Local prgrs:** Mon-Fri 0700-1000 & 1700-2200; Sat 0800-1000, 1400-1500 & 1900-2200; Sun 1300-2200 — 2) **Local prgrs:** Mon-Fri 0700-1000, 1300-1400 & 1700-2200; Sat 0800-1000, 1300-1600, 1900-2200; Sun 1300-2200. **N.** on the h.
**R. Porto:** 0600-2400 on 783kHz (50kW). Own prgrs at all times.
**R. Alto Douro:** 0600-2000 on Lamego 926kHz (1kW). **Local prgrs:** 0700-1000, 1300-1600, 1800-2200. Other times rel. R. Porto.

**Rádio Comercial-Estéreo**

| FM (stereo) | MHz | kW | | MHz | kW |
|---|---|---|---|---|---|
| Monchique (Fóia) | 88.1 | 5 | Guarda | 96.1 | 5 |
| Lousã | 90.8 | 22 | Lisboa | 97.4 | 22 |
| Bornes | 91.9 | 5 | Porto | 97.7 | 5 |
| Mendro | 92.0 | 5 | Portalegre | 93.9 | 5 |
| Faro | 96.1 | 5 | Braga | 99.2 | 5 |

**D.Prgr:** 24h (same prgrs as MW 0200-1000).
**ANN:** "Radiodifusão Portuguesa . . . Programa. . .".

### INTERNATIONAL SERVICE

**ADDR:** Radiodifusão Portuguesa, Rua do Quelhas 21, 1200 Lisboa.
**STATIONS:** Ceoc (S. Gabriel) (G.C: 08.40W/38.45N): 7×100kW SW-trs.

| kHz | kHz | kHz | kHz | kHz | kHz | kHz |
|---|---|---|---|---|---|---|
| 6025 | 7170 | 9605 | 11740 | 11925 | 15250 | 21570 |
| 6060 | 9575 | 9705 | 11800 | 15125 | 15285 | 21700 |
| 6075 | 9600 | 9740 | 11840 | 15190 | 17880 | 21735 |
| 6130 | | | | | | |

**Areas:** I = Europe; II = Timor; III = Macau; IV = India/Middle East; V = Africa; VI = Guinea/Cape Verde; VII = Brazil; VIII = South America; IX = Venezuela; X = North America (East); XI = North America (West).
**Schedule:**
a) Mon-Fri; b) Sat/Sun only; c) Sun only; d) exc. Sun.

| English | Areas | kHz | Italian | Areas | kHz |
|---|---|---|---|---|---|
| 1600-1630d | IV | 15190 | 2130-2200 | I | 7170 |
| 1700-1730c | V | 17880 | | | 9605 |
| 1800-1830d | V | 15250 | | | 11740 |
| | | 17880 | | | |
| 2030-2100 | I | 7170 | | | |
| | | 9605 | **Portuguese** | | |
| | | 11740 | 0500-0700a | I | 6130 |
| 0300-0330 | X | 6060 | | | 9740 |
| | | 11925 | 0800-1300b | I | 9740 |
| 0530-0600 | XI | 6075 | 0800-1800b | I | 11800 |
| | | 9575 | | | 15125 |
| **French** | | | 0900-1030 | II/III | 21570 |
| 1730-1800c | V | 17880 | | | 21735 |
| 1830-1900d | V | 15250 | 1100-1300 | V | 17880 |
| | | 17880 | | | 21700 |
| 2100-2130 | I | 7170 | 1100-1300a | I | 9740 |
| | | 9605 | | | 11800 |
| | | 11740 | | | 15125 |
| 0030-0100 | X | 6060 | 1330-1800b | I | 9605 |
| | | 11925 | 1400-1600d | IV | 15190 |
| **German** | | | 1400-1800b | X | 15285 |
| 2000-2030 | I | 7170 | | V/VII | 21700 |
| | | 9605 | | I | 11800 |
| | | 11740 | | | 15125 |

RADIO PORTUGAL
–RADIODIFUSAO PORTUGUESA–

RADIO PORTUGAL EXTERNAL RELATIONS OFFER YOU THE INTERNACIONAL SERVICE SCHEDULE.

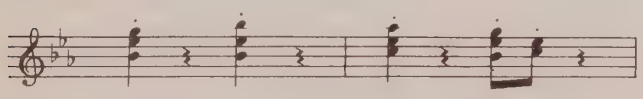
NEWS, TOURISM, MUSIC, ART, CULTURE, PHILATELY, HISTORY, ARE OUR PROPOSALS TO CANADA, U.S.A., SOUTH AMERICA, VENEZUELA, INDIA, M.EAST, AFRICA AND EUROPE.

ASK FOR "PROGRAMME SCHEDULE" IN ENGLISH, FRENCH, ITALIAN, GERMAN AND SPANISH.

RADIO PORTUGAL
External Relations
Av. Eng. Duarte Pacheco, 5
1000 Lisboa Portugal
Telex 15649

| Portuguese | Area | kHz | Spanish | Area | kHz |
|---|---|---|---|---|---|
| 1800-2000 | I | 7170 | 2200-2230 | I | 7170 |
| | | 9605 | | | 9605 |
| | | 11740 | | | 11740 |
| 1900-2100 | V | 11840 | 0100-0130 | VIII | 9600 |
| | | 15250 | | | 11840 |
| | | 17880 | 0130-0200 | IX | 9705 |
| 2200-0100 | VII | 9600 | | | |
| | | 11840 | | | |
| 2300-0130 | IX | 9705 | **Music Prgr** | | |
| 0100-0300 | X | 6060 | 1400-1800a | X | 15285 |
| | | 11925 | | VI/VII | 21700 |
| 0400-0530 | XI | 6075 | | I | 11800 |
| | | 9575 | | | 15125 |

**N. Portuguese:** 0100 (IX), 0200 (X), 0430 (XI/X), 0600a (I), 0915b (I), 1000 (II/III), 1200 (V), 1230a (I), 1300b (I), 1500d (IV), 1900 (I), 2000 (V), 2300 (VII). **Other languages:** At start of each transmission.
**ANN:** E: "This is R. Portugal broadcasting from Lisbon through the International Sce.". F: "Ici la Radiodiffusion Portugaise, Service International, qui vous parle de Lisbonne". Sp: "Sintonizan la Radiodifusora Portuguesa —Servicio Internacional". I: "Qui le studie di Lisbona de la Radiodiffusione Portoghese". G: "Hier ist der Portugiesischer Rundfunk, Sender Lissabon, mit seinem Programm in Deutsche sprache" — **INT-SIG:** Opens and closes with



National Anthem preceded by a time gong — **V.** by QSL-card. Rec. acc.

### RÁDIO RENASCENÇA Lda — EMISSORA CATÓLICA PORTUGUESA (Rlg.).

**ADDR:** Rua Capelo 5, 1294 Lisboa Codex. **Te:** 360172. **Telex:** 18142 — Rua Sá da Bandeira 766, 4000 Porto. **Te:** 25678. **Telex:** 25343.

**MEDIUMWAVES**

| | kHz | kW | | kHz | kW |
|---|---|---|---|---|---|
| Braga | 576 | 10 | Valença | 981 | 1 |
| Muge | 594 | 100 | Vila Real | 981 | 1 |
| Faro | 891 | 10 | Bragança | 981 | 1 |
| Évora | 927 | 10 | Chaves | 1251 | 1 |
| Lisboa | 963 | 10 | Porto | 1251 | 10 |
| Guarda | 981 | 1 | Castelo Branco | 1251 | 1 |
| Coimbra | 981 | 10 | Viseu | 1251 | 10 |
| **FM** | **MHz** | **kW** | | **MHz** | **kW** |
| Bornes | 89.6 | 6 | Porto | 93.7 | 10 |
| S. Miguel | 89.6 | 1 | Marofa | 94.2 | 6 |
| Minhéu | 89.8 | 1 | S. Mamede | 95.3 | 1 |
| Arrábida | 89.9 | 6 | Valença | 95.4 | 1 |
| Montejunto | 90.2 | 5 | Mendro | 96.5 | 5 |
| Guarda | 90.2 | 1 | Foia | 98.6 | 6 |
| Muro | 90.4 | 6 | Lamego | 98.6 | 6 |
| Lousã | 91.7 | 28 | Gardunha | 99.5 | 1 |
| Lisboa | 93.2 | 18 | Bragança | 99.5 | 0.05 |

**D.PRGR:** 24h. **N.** on the h. and half h.

**EXTERNAL SERVICE**
**STATION:** Muge (G.C: 08.41W/39.05N): 1 × 100kW tr.

| kHz | kHz | kHz |
|---|---|---|
| 9575 | 9680 | 11730 |

**D.PRGR. In Portuguese:**
0945-1200 (Sun) to Europe on 9575kHz.
1800 (Sat/Sun 1400)-2000 to Europe on 9680kHz.
2330-0130 to Brazil on 11730kHz.
**V.** by QSL-card.

### RADIO CLUB DO CENTRO/ EMISSORA DAS BEIRAS (Priv.)

**ADDR:** 3475 Caramulo (Addr. in Porto: Rua de Santa Catarina, 339-1°, 4000 Porto). **Te:** 8 63 38.
**L.P:** Dir: Lopez da Rosa.
**STATION:** CSB20 1431kHz 10/5kW.
**D.PRGR:** 0800-2000. **N:** Rel. R. Renascenca.
**ANN:** "Emissora das Beiras" or "R. Club do Centro".

### RADIO ALTITUDE (Priv, Comm.)

**ADDR:** R. Butalha Reis, 6300 Guarda. **Te:** 2-22-32.
**L.P:** Dir. Gen: A. Ferreira. Dir. Tec: Dr. M. Queiroz.
**STATION:** CSB21 1495kHz 1kW.
**D.PRGR:** 0800-1900.
**N:** Rel. RDP & R. Renascenca. **Regional N:** 1815
**V.** by letter. Rec. acc. **F.Pl:** Move to 1584kHz and power increase.

### ADVENTIST WORLD RADIO (Rlg)

**ADDR:** C.P. 2590, P-1114, Lisboa.
**D.PRGR:** in various languages over R. Trans Europe. Details under "Religious Broadcasting Organizations".

### RADIO TRANS EUROPE

**ADDR:** Rua Braamcamp 84, −6° Esq°, 1200 Lisboa
**STATIONS:** Sines (G.C: 08.45W/37.57N): 3 × 250kW SW-trs. (one reserve)
This station is used by various broadc. organisations (Radio Canada International, Deutsche Welle, R. Japan, IBRA Radio and Adventist World Radio). Full details of schedules and frequencies are included in the entries for these organisations.

## ROMANIA (Socialist Rep.)

**L.T:** UTC + 2h — **Pr.L:** Romanian — **E.C:** a/c 50, 220V (yes)

### RADIOTELEVIZIUNEA ROMANA (Gov.)

**ADDR:** P.O. Box 1-111, Bucureşti. **Te:** 16.20.80. **Cable:** Radio-Televiziunea. **Telex:** 11252.
**L.P:** Dir. Gen: Constantin Petre. Dir. Foreign Rel: Mihai Lazăr. Dep. Dir. Gen's: T. Puşcaşcu, N. Dumitru.

| MEDIUMWAVES | kHz | kW | Prgr |
|---|---|---|---|
| Braşov | 155 | 1200 | 1 |
| Petroşani | 531 | 14 | 2 |
| Tg. Jiu | 558 | 200 | 2 |
| Satu Mare | 567 | 50 | 2 |
| Braşov | 567 | 50 | 2 |
| Bucureşti I | 603 | 30 | 1 |
| T. Severin | 603 | 14 | 1 |
| Botoşani | 603 | 50 | 1 |
| Oradea I | 603 | 2 | 1 |
| Timişoara | 630 | 400 | 1 |
| Sighet | 711 | 30 | 2 |
| Predeal | 720 | 14 | 1 |
| Borşa | 720 | 1 | 1 |
| Lugoj | 756 | 400 | 2 |
| Bucureşti | 855 | 1500 | 2 |
| Cluj | 909 | 50 | R |
| Resita | 909 | 15 | 2 |
| M. Ciuc | 945 | 14 | 2 |
| Iaşi | 1053 | 1000 | 2 |
| Cluj II | 1152 | 950 | 2 |
| Bacău | 1179 | 200 | 1 |
| Vascau | 1179 | 5 | 1 |
| Covasna | 1197 | 15 | R |
| Constanţa | 1314 | 14 | 1 |
| Craiova | 1314 | 7 | 1 |
| Timişoara | 1314 | 30 | 2 |
| Tîrgu Mureş | 1323 | 7 | R |
| Sulina | 1323 | 2 | 1 |
| Galaţi | 1332 | 15 | 1/2 |
| Baia Mare | 1404 | 15 | 1 |
| Sibiu | 1404 | 7 | 1 |
| R. Vilcea | 1422 | 7 | 2 |
| Constanţa | 1458 | 50 | 2 |
| Mahmudia | 1530 | 15 | 1 |
| Mihăileni | 1530 | 15 | 1 |
| Sibiu | 1593 | 7.5 | 1 |
| Oradea | 1593 | 7 | 1 |
| M. Ciuc | 1593 | 14 | 1 |
| Baneasa | 1593 | 14 | 1 |

| FM-Stations (MHz) | 1 | 2 | 3 | kW |
|---|---|---|---|---|
| Bîrlad | 66.36 | | 72.32 | 46 |
| Sibiu | 66.44 | | 69.35 | 40 |
| Baia Mare | 66.56 | | 69.11 | 35 |
| Bacău | 67.01 | | | 30 |
| Varatec | 67.34 | | | 15 |
| Cluj | 68.36 | | | 16 |

| FM (MHz) | 1 | 2 | 3 | kW |
|---|---|---|---|---|
| Resita | 68.60 | | 72.36 | 40 |
| Tapolog | 68.72 | | 71.18 | 46 |
| T. Severin | 69.68 | | 72.71 | 38 |
| Iasi | 69.92 | | 71.84 | 80 |
| Focsani | 70.22 | | 67.88 | 80 |
| Bucureşti | 70.40 | 72.08 | 68.24 | 43 |
| Deva | 70.64 | 72.20 | | 4 |
| Oradea | 71.00 | | | 40 |
| P. Neant | 71.06 | | 66.17 | 46 |
| Timisoara | 71.72 | | 69.65 | 60 |
| Bistrita | 72.44 | | 69.74 | 15 |
| Arad | 72.56 | | 71.72 | 46 |
| Vilcea | 72.68 | | | 12 |
| Petrosani | 72.80 | | | 40 |
| Ploesti | 72.92 | | 71.30 | 46 |
| Suceava | 72.98 | | 70.61 | 20 |
| Novaci | | 70.04 | 71.90 | 46 |
| Cimpulung | | 70.85 | 72.20 | 35 |
| Zalau | | | 65.96 | 15 |
| Viceu | | | 67.34 | 15 |
| Gheorgheni | | | 68.60 | 180 |
| Comanesti | | | 68.87 | 100 |

+ low power relays not mentioned.

## HOME SERVICE

**1st Prgr:** 24h on 155kHz + FM; rel. on MW tr's (exc. when listed for regional prgrs — see below). **N:** W 0000, 0200, 0300, 0500, 0700, 0800, 0900, 1000, 1100, 1400, 1500 (exc. Sat), 1600, 1700, 1800, 2000, 2200; Sun 0000, 0200, 0400, 0500, 1100, 1800, 2000, 2200.

**2nd Prgr:** 0400-2300 on FM; rel. on MW-tr's (exc. when listed for regional prgrs — see below).

**N:** W 0400, 0500, 0630, 0830, 1100, 1400, 1600, 1700, 1800, 2000, 2255; Sun 0400, 0500, 0700, 0830, 1100, 1500, 1700, 1800, 2000, 2255.

**3rd Prgr:** 0700 (Sun 0600)-1100, 1500-2200 on FM.

**N:** W 0700, 1000, 1500, 1800, 2000, 2155; Sun 0600, 1500, 1800, 2000, 2155.

## REGIONAL SERVICES

**R. Bucuresti** (909/1197/1323/1593kHz); Hungarian: Sun 0800-0820, W 1300-1400; German: Sun 0820-0830, W 1200-1300 — **R. Cluj** (909/1197/1323/1593kHz); Romanian: W 0500-0700, 1800-2030; Sun 0930-1230; Hungarian: W 0700-0900, 1400-1500; Sun 0530-0700 — **R. Tg. Mures** (909/1197/1323/1593kHz); Romanian: W 0400-0500, 1600-1800; Sun 1600-1800. Hungarian: W 0900-1100, 1500-1600; Sun 0700-0800, 1500-1600 — **R. Timisoara** (909/1197/1323/1593kHz); Romanian: W 0400-0500, 1600-1800; German: W 1100-1200, Sun 0830-0930 — **R. Craiova** (558kHz); W 0400-0630, 1300-1700; Sun 0700-1230 — **R. Iasi** (1053kHz); W 0400-0600, 1400-2000; Sun 0600-0900, 1400-2000.

**ANN:** Opening 1st Prgr: "Aici Bucureşti, România. Transmitem programul I pe staţia de unde lungi, cu frecvenţa de...pe staţiile de unde medii, cu frecvenţele de...şi pe staţiile de unde ultrascurte" — 2nd Prgr: "Aici Bucureşti. Stimaţi ascultători, bună dimineaţa. Transmitem programul II pe staţiile de unde medii, cu frecvenţele de...şi pe staţiile de unde ultrascurte, cu frecvenţele de..." — 3rd Prgr: "Aici Bucureşti. Programul III. Stimaţi ascultători, bună ziua. Vă invitam să urmăriţi ediţia de dimineaţă a programului III, difuzat pe staţiile de unde ultrascurte afectate acestui program. Stimaţi ascultători, transmitem pe staţiile de unde ultrascurte, cu frecvenţele de...emisiunea stereofonică".

## FOREIGN SERVICE

**MEDIUMWAVE:** Lugoj 756kHz 400kW.

**SHORTWAVES** (G.C: 20.06E/44.25N): 120/250kW.

| kHz | kHz | kHz | kHz | kHz | kHz | kHz |
|---|---|---|---|---|---|---|
| 5990 | 7135 | 9530 | 9690 | 11840 | 15335 | 17745 |
| 6150 | 7145 | 9570 | 11740 | 11885 | 15365 | 17790 |
| 6155 | 7175 | 9590 | 11775 | 11940 | 15380 | 17805 |
| 6160 | 7195 | 9625 | 11790 | 11970 | 17720 | 17850 |
| 6190 | 7225 | 9640 | 11810 | 15250 | 17730 | 21665 |
| 7105 | 9510 | 9685 | 11830 | | | |

**Updaters to the Shortwave Stations of the World section are included in the May and September issues of the WRTH Newsletter — another reason to subscribe!**

**Schedule Nov 1984 — Feb 1985**

**TO EUROPE**

| English | kHz |
|---|---|
| 1045-1100W | 17720, 15250 11940 |
| 1300-1330 | 17720, 15250 11940, 9690 |
| 1930-2030 | 9690, 7195 7145, 6150 |
| 2100-2130 | 9690, 7195 7145, 6150 |
| **French** | |
| 1000-1015W | 17720, 15250 11940 |
| 1130-1200 | 17850, 17720 15365, 15250 11940 |
| 1830-1900 | 9690, 7195 6190 |
| 2030-2100 | 9690, 7195 5990 |
| **German** | |
| 1015-1030W } 1200-1230 } | 15250, 11940 9690 |
| 1800-1830 | 9690, 7195 6190 |
| 1900-1930 | 9690, 7195 6190 |
| **Greek** | |
| 1800-1830 | 756 |
| 1930-2000 | 756 |
| **Italian** | |
| 1530-1600 | 11970, 9625 |
| 1900-1930 | 756 |
| 2000-2030 | 756 |
| 2100-2130 | 756 |
| **Portuguese** | |
| 2130-2200 | 9690, 7225 |
| **Romanian** | |
| 2000-2030 | 9570, 7225 |
| 2130-2230 | 756 |
| **Russian** | |
| 1030-1045W | 11940, 9690 |
| 1700-1730 } 1830-1900 } | 7135, 7105 6190, 6160 |
| **Serbo-Croat** | |
| 1700-1730 | 756 |
| 1830-1900 | 756 |
| **Spanish** | |
| 1900-1930 | 11940, 9570 7225 |
| 2030-2130 | 11940, 9570 7225 |
| **Turkish** | |
| 1330-1400 | 9590, 7175 |
| 1730-1800 | 756 |
| **Tourism and Music** | |
| 2030-2100 | 756 |

| English | kHz |
|---|---|
| 0530-0600 | 15380, 15340 11940, 11840 9685, 9510 |
| 1730-1800 | 15380, 15365 11885, 11790 9640, 9570 |
| **French** | |
| 1130-1200 | 17730, 15380 |
| 1430-1500 | 15380, 15335 11940, 11790 |
| 1930-2000 | 11940, 11790 9570 |
| **Portuguese** | |
| 1800-1830 | 15380, 11885 9570 |

**TO NEAR EAST**

| Arabic | kHz |
|---|---|
| 1230-1300 | 15250, 11830 |
| 1400-1430 | 11830, 9590 |
| 1600-1700 | 11775, 9590 7175 |

**TO ASIA**

| English | kHz |
|---|---|
| 1200-1230 | 17720, 15380 11740 |
| 1500-1530 | 15335, 15250 11940, 11775 9530 |
| **Persian** | |
| 1530-1600 | 15335, 11970 9690 |
| 1700-1730 | 11940, 9690 7195 |

**TO PACIFIC AREA**

| English | kHz |
|---|---|
| 0645-0715 | 21665, 17805 17790, 15335 15250, 11940 |

**TO NORTH AMERICA**

| English | kHz |
|---|---|
| 0200-0230 } 0400-0430 } | 11940, 11810 9570, 9510 6155, 5990 |
| **Romanian** | |
| 2300-2400 } 0130-0200 } | 11940, 11810 9570, 9510 6155, 5990 |

**TO LATIN AMERICA**

| Portuguese | kHz |
|---|---|
| 2130-2200 | 11940, 9570 5990 |
| 0100-0130 | 11940, 11810 9570, 9510 6155, 5990 |
| **Spanish** | |
| 2200-2230 } 0000-0100 } 0300-0400 } | 11940, 11810 9570, 9510 6155, 5990 |

**TO AFRICA**

| Arabic | kHz |
|---|---|
| 1230-1300 | 17745, 15380 15335, 11940 |
| 1400-1430 | 15380, 15335 11940, 11790 |
| 1600-1700 | 15380, 11790 11940, 9625 |

**ROMANIAN FOR SEAMEN**

| | kHz |
|---|---|
| 0815-0915 (Sun) | 15365, 17720 17790, 17805 21665 |
| 0915-1015 (Sun) | 5990, 9510 9570, 9590 11775, 11810 11940, 15335 |

**ANN:** E: "This is Bucharest calling. You are tuned to Radio Bucharest. This broadcast is coming to you from Radio Bucharest". F: Ici Bucarest. C'est Bucarest qui vous parle. Vous êtes à l'écoute de Radio Bucarest". G: "Hier spricht Bukarest. Hier ist der Rumänische Rundfunk". I: "Parla Bucarest. E Bucarest che vi parla. Qui é Radio Bucarest". Sp. "Aqui Radio Bucarest. Habla Radio Bucarest Rumania". P. "Aqui Bucareste. Fala Bucareste. Sintonizam Radio Bucareste" — **V.** by QSL-card (B). (Home Sce: Timisoara & Iasi have own QSL-card) — **PUB:** Tele-Radio — **ALF:** Lei 120.

# SPAIN

**L.T:** UTC + 1h (Su: UTC + 2h) — **Pr.L:** Spanish, Catalan, Valencian, Galician, Basque — **E.C:** a/c 50, 127/220V and 220/380V.

## ENTE PUBLICO RTVE

**ADDR:** Prado del Rey, 28023 Madrid.

## RADIO NACIONAL DE ESPAÑA, S.A.

**ADDR:** Casa de la Radio, Prado del Rey, 28023 Madrid. **Te:** 7 11 40 54. **Telex:** 27366. **Cable:** Radiogen.
**L.P:** Dir. Gen: Fernando Gonzales Delgado. Coordinator-Adj. to Directorate: Málen Aznares Torralbo. Dir. R1: José Luís Echarri Gamundi. Dir. R2: Arturo Reverter y Guttierrez de Terán. Dir. R3: Pablo García Gonzáles. Dir. R. Exterior: Julio Rico García. Dir. Inf. Sces: Antonio Martín Benítez. Dir. para Emisoras Territoriales: Eladio Gutierrez Montes. Dir. Econ. Adm: José Moral Pérez. Dir. Personnel: Ramón García-Rubio García. Dir. Tec: Alfonso Prieto Arozarena. Jefe del Gabinete Tec: Juan José Bellod Bellod. Head of Cooperation & Int. Exchanges: Alfonso Gallego Anabitarte.

### HOME SERVICE

| RADIO 1 | kHz | kW | | kHz | kW |
|---|---|---|---|---|---|
| Madrid | 585 | 200 | Caceres | 774 | 60 |
| Vitoria | 585 | 4 | Campo de Gibraltar | 774 | 5 |
| Albacete | 639 | 10 | Leon | 774 | 10 |
| Almeria | 639 | 20 | Soria | 774 | 10 |
| La Coruña | 639 | 100 | Orense | 774 | 20 |
| Bilbao | 639 | 20 | San Sebastian | 774 | 50 |
| Zaragoza | 639 | 20 | Valencia | 774 | 50 |
| Burgos | 684 | 10 | Murcia | 855 | 125 |
| Sevilla | 684 | 250 | Santander | 855 | 20 |
| Cuenca | 729 | 5 | Pamplona | 855 | 10 |
| Logroño | 729 | 20 | Ponferrada | 855 | 10 |
| Malaga | 729 | 20 | Huelva | 855 | 5 |
| Oviedo | 729 | 50 | Pontevedra | 855 | 20 |
| Valladolid | 729 | 10 | | | |
| Barcelona | 738 | 250 | | | |

**D.Prgr:** 24h.
**N:** On the h. **Regional prgrs:** 0805-0810, 1205-1300, 1405-1500, 1705-1710 — **Barcelona:** 1905-2000 (Sat).

| FM: | R2 MHz | R3 MHz | | R2 MHz | R3 MHz |
|---|---|---|---|---|---|
| Chinchilla | 93.6 | 99.0 | Navacerrada | 98.8 | 95.8 |
| Aitana | 88.5 | 99.7 | Malaga | 98.1 | 99.2 |
| Alcoy | 92.3 | 91.1 | Cartagena | 94.1 | 97.5 |
| Alfabia | 87.9 | 92.3 | Cresta del Gallo | 98.1 | 96.0 |
| Tibidabo | 93.0 | 98.5 | Pamplona | 99.2 | — |
| Burgos | 90.3 | 92.2 | S. Miquel de Aralar | 96.6 | — |
| Villadiego | 102.3 | 103.3 | Parada del Sil | 91.2 | 94.3 |
| Montanchez | 97.7 | 99.3 | Gamoniteiro | 92.23 | 94.4 |
| Benicasim | 90.3 | 93.0 | Oviedo | 96.0 | 90.3 |
| La Mancha | 90.0 | 94.5 | Domayo | 92.1 | 93.1 |
| Cordoba | 97.5 | 98.6 | El Cabaco | 92.3 | 95.3 |
| Ares | 91.6 | 94.5 | Salamanca | 88.15 | 91.45 |
| Santiago de C. | 98.1 | 99.0 | Lierganes | 93.0 | 98.5 |
| Cuenca | 93.0 | 92.0 | Guadalcanal | 90.6 | — |
| Granada | 96.4 | 94.4 | Valencina | 94.2 | 98.8 |
| Sierra Lujar | 90.3 | 94.2 | La Musara | 91.5 | 94.5 |
| Beasain | 98.4 | 94.8 | Monte Caro | 96.6 | 99.6 |
| Eibar | 98.8 | 95.9 | Camarena (Sierra) | 90.0 | 93.9 |
| Jaizkibel | 90.0 | 92.1 | Torrente | 92.0 | 95.1 |
| Tolosa | 98.8 | 96.2 | Valladolid | 93.1 | 92.2 |
| Sierra Almaden | 90.0 | 96.0 | Archanda | 90.6 | 99.2 |
| Castropodame | 93.0 | 99.9 | Sollube | 93.9 | 95.3 |
| Leon | 91.1 | 90.1 | La Muela | 90.9 | 96.3 |
| Alpicat | 89.2 | 97.8 | | | |
| Madrid | 96.5 | 93.2 | | | |

**RADIO 2** (Music & Cultural Prgrs): 24h. **N:** 0600, 0830, 1030 (W), 1330, 1730, 2230 (W), 2300 (Sun).
**RADIO 3:** (Young Peoples' Music Prgr): 24h.
**N:** Mon-Fri 0700, 0900, 1100, 1305, 1500, 1705, 1900, 2300.
**ANN:** "R. Nacional de España, Radio 1..2..3..".
**RADIO 4** (Barcelona): 100.8MHz 1kW: 24h in Catalán.
**ADDR'S** of regional outlets: Avda. República Argentina 31, 41011-Sevilla — Calle Real 24, La Linea — Martin Alonso Pinzón 1, 21003-Huelva — Muelle Heredia 10, 29001-Malaga — Capitan Portolés 1, 3, 5, 50005-Zaragoza — Melquiades Alvarez 7, 33002 Oviedo — Alfredo Truan 6, Gijon — P° Mallorca 14, 07012-P. Mallorca — Vargas 51, 39010-Santander — Sánchez Vera 13, 16002-Cuenca — General Yague 34, 09004-Burgos — Plza. Constitución 1, 37001-Salamanca — P° Gracia 1, 08007-Barcelona — Avda. Alemania 26, 10001-Caceres — Pl. España 5, 06002-Badajoz — Fernandez Latorre 29, 15066-La Coruña — Policarpo Sanz 1, Vigo (Pontevedra) — Jaime el Conquistador 11, 30008-Murcia — Arrieta 8, 31002-Pamplona — San Prudencio 6, 01005-Vitoria — Ercilla 20, 48009 Bilbao — Andía 13, 20004-San Sebastian — Avda. Portugal 2, 26001-Logroño — Barón de Cárcer 26, 46001-Valencia — Gral. Primo de Rivera 14, 03002-Alicante.

### FOREIGN SERVICE

**ADDR:** Apartado 156.202 — 28080 Madrid. **Te:** 711 27 42.
**Telex:** REXT43261. **Cable:** Radiogen.
**L.P:** Dir. & Head of Prgrs: Julio Rico García. Head of European Sces: José Ramón Rey Ferreiro. Head of American Sces: Emilia González Sevilla. Head of Freqs: A. León Vaquero.
**STATIONS:** Noblejas-Toledo (G.C: 03.27W/39.56N) : 6×350kW trs; Arganda del Rey, Madrid (G.C: 03.31W/40.12N): 5×100kW trs. *) La Mesas, Santa Cruz de Tenerife (G.C: 16.15W/28.28N): 2×50kW trs.

| kHz | kHz | kHz | kHz | kHz | kHz | kHz |
|---|---|---|---|---|---|---|
| 5960 | 9360 | 9670 | 11635 | 11840 | 15160 | 17660 |
| 6065 | 9530 | 9675 | 11690 | 11850 | 15365 | 17720 |
| 6140 | 9570 | 9695 | 11715 | 11880 | 15375 | 17840 |
| 7105 | 9580 | 9745 | 11730 | 11890 | 15395 | 17845 |
| 7130 | 9620 | 9765 | *11775 | 11920 | 15525 | 17890 |
| 7275 | 9630 | 9780 | 11790 | 11945 | 15535 | 21595 |
| 7450 | 9650 | 9790 | 11815 | 15125 | 17650 | |

**Schedule until September 1985**
Details in brackets will apply during period April-Sept. 1985 in place of preceding details.

### SPANISH SERVICES

**TO EUROPE**

| kHz | H. of tr. |
|---|---|
| 7105 | 1700-2030* |
| | (1800-1930)* |
| | 2100-2230W |
| | (2000-2230) |
| 9570 | 1100-2030* |
| 11920 | (1000-1930)* |
| 15395 | 2100-2230W |
| | 2100-2230 |
| | (2000-2230W) |

*) Sun 2230.

**TO THE AMERICAS**
a) No., b) Ce., c) So.

| kHz | H. of tr. |
|---|---|
| 6065 (11775) | 2300-0500ab(c) |
| 9360 | 2300-0500abc |
| 9530 | 2300-0200c |
| 9630 | 0200-0500ab |
| 9650 | 0600-0930abc |
| 11730 | 0600-0930bc |
| 11880 (15125) | 1930-2300ab |
| 11880 | 0200-0500ab |
| 11940 (15535) | 1930-2300c |
| 11945 | 2300-0200c |
| 15365 | 2200-0200b |
| | 1400-1900*b |
| 15535 | 1400-1600*abc |
| | 1600-1900*abc |
| 17845 | 1400-1900c* |

*) Sun only.

**TO AUSTRALIA/INDIAN OCEAN**

| kHz | H. of tr. |
|---|---|
| 9650 | 0600-0930 |
| 11730 | 0600-0930 |
| 21595 | 0600-0930 |

**TO EA. AFRICA/MIDDLE EAST**

| kHz | H. of tr. |
|---|---|
| 9745 | 1630-1900+ |
| 11635 | 1400-1900+ |
| 15395 | 1100-2030 |
| | (1000-1930) |
| | 2100-2230 |
| | (2000-2230) |
| 15525 | 1100-1630 |
| | (1300-1800W) |
| 17650 | 1100-1400 |
| | (1000-1800) |
| 21595 | 0600-0930 |

+) until March 24th

**TO WE. AFRICA/SO. ATLANTIC**

| kHz | H. of tr. |
|---|---|
| 11890 | 1800-2030+ |
| | 2100-2230+ |
| 11940 (15535) | 1930-2300 |
| (15525) | (2000-2230) |
| 17660 | 1400-1800 |
| | (1300-1930) |

+) until March 24th

**TO EUROPEAN ATLANTIC AREA**

| kHz | H. of tr. |
|---|---|
| 9620 | 1400-1600 |
| 11790 | (1300-1530) |

### INTERNATIONAL SERVICE

**Areas:** I = Europe, II = Ea. Africa/Middle East, III = We. Africa/So. Atlantic, IV = No. America, V = Maghreb.

| Arabic | Area | kHz |
|---|---|---|
| 1700-1800 | II | 9580, 11690 (15160, 17840) |
| 2100-2200 | V | 6140, 9675 |
| **English** | | |
| 1830-1930 (1730-1830) | I | 7450 (11840, 15525) |
| 1930-2030 | II | 9780 (11690) |
| | III | 11690 (15375) |

# RADIO EXTERIOR DE ESPAÑA

## SERVICIO ESPAÑOL

- Europa • Asia • Africa
- América • Oceanía
- Areas marítimas

El español,
un idioma sin fronteras.

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Learn Spanish,
a language without bounds.

## INTERNATIONAL SERVICE

Broadcasts for foreigners in different languages: English, French, Arabic.

- Europe • America • Africa
- Arabic countries.

# SPANISH FOREIGN RADIO

Radio Exterior de España. Aptdo. (P. O. Box) 156.202, 28080 Madrid, ESPAÑA

| English | Area | kHz |
|---|---|---|
| 2300-2400 | I | 5960, 7450 |
| (2200-2300) | | (11690) |
| | | 9780 |
| 0000-0200 | IV | 9630, 11880 |
| 0500-0600 | IV | 6065, 9630 |
| | | 11880 |
| **French** | | |
| 1730-1830 | I | 7450 |
| (1630-1730) | | (7450, 11840) |
| 1830-1930 | III | 11690 |
| | II | 9780 (15375) |
| 2200-2300 | I | 5960,7450 |
| (2100-2200) | | (7450, 11690) |

**N: Spanish:** 0600, 0700, 0800, 1100, 1230, 1400, 1500, 1600 (W), 1700 (W), 1800 (W), 1900, 2000, 2100, 2200 (Sat/Sun).
**English/French/Arabic:** at start of each broadcast.
**DX-Prgrs: English:** Sun 1920, 2020, 2350; Mon 0050, 0150, 0550. **French:** Sat 1820, 1920, 2250. **Spanish:** Sat 1645; Sun 0120, 0320, 0720.
**ANN:** "R. Exterior de España" (Spanish Sce); E: "This is Spanish Foreign Radio broadcasting from Madrid".
**INT-SIG:**

**V.** All sts verify by QSL-card. Re. to Radio Exterior de España, Apartado 156 202, 28080 Madrid. (Some also verify direct).

## ALL OTHER STATIONS

### SER—SOCIEDAD ESPAÑOLA DE RADIODIFUSION—CADENA SER

**ADDR:** Gran Vía 32 (Ap. 745), 28013 Madrid. **Cable:** SER. **Telex:** 27638 SER E. **Te:** (91) 232.80.00
**L.P:** Dir: D. Eugenio Fontán Pérez. Secr. Gen: D. Ramón Varela Pol; Dep. Dir. Gen: D. Manuel G. Terán. Dir. Prgr: D. Tomás Martín Blanco. Dir. Ad: D. Alfonso Morata. Ext. Rel; D. Joaquín Peláez; Dir. Tec. Dept. D. Jesús Galindo Crespo. Int. Tec. Dept: D. Eugenio Fontán Oñate. Int. Rel: D.J. Michel Bamberger. Most of the EAJ-stations belong to SER.

### RCE—RADIOCADENA ESPAÑOLA (controlled and operated by RTVE)

**ADDR:** Huertas 73, 28014 Madrid. **Te:** 468.60.19.
**L.P:** Dir: Jordi García Candau. Dir. Reg. St's & G.T: Homero Valencia Benito. Dir. Tec: Juan Antonio Alberich Cid. Dir. Admin: Gerardo López Martin.

### COPE—CADENA DE ONDAS POPULARES ESPAÑOLAS—RADIO POPULAR

**ADDR:** Alfonso XI, 4, Madrid 14. **Te:** 2.22.92.56.
**L.P:** Dir. Gen: José Luis Gayo de Val. Dir. Tec: Jacinto de Acuña Muñoz.

### RUEDA DE EMISORAS RATO

**ADDR:** Velázquez 54, Madrid 1.
**STATIONS:** 187), 188) + 27 low power FM-st's.

### CADENA CATALENA (depending on RUEDA DE EMISORAS RATO)

**ADDR:** Ramblas 126, Barcelona 2. **Te:** 318.08.70.
**L.P:** Pres: Ramón de Rato. Dir. Gen: J.M. Salillas. Prgr. Dir: Javier Tagle. (Prgrs in Spanish & Catalan).
**Member st's:** 8), 10), 87), 114), 135) + 5 FM st's.

### LA CORPORACIÓ CATALANA DE RÀDIO I TELEVISIÓ I LA SCTAT. COOP. LTDA. RADIO ASSOCIACIÓ DE CATALUNYA

**ADDR:** Barcelona — **STATION:** 189).

### EMISSORES MUNICIPAL DE CATALUNYA

47 local FM-st's are operated by municipal authorities in Catalonia, with local prgrs in Catalan & Spanish. Most st's 0.05kW (exc. Barcelona). Freq's 101.7/102.0/102.3/102.6/102.9MHz.

### ANTENA 3 DE RADIO S.A.

**ADDR:** Apartado de Correos 2133, Madrid 6. **Te:** 411 70 11.
**Telex:** 49.369. **Cable:** Antenatresradio.
**L.P:** Pres: Rafael Jiménez de Parga. Dir. Gen: Manuel Martín Ferrand. Dir. Gen. Adj: Javier Gimeno. Prgr. Dir: José Luis Orosa. Dir. Inf. Sces: José Cavero. Dir. Tec: Juan Antonio Nieto. Dir. Press. & Ext. Rel: Antonio Herreo. Dir. Publicity: Manuel Idiarte. Dir. Admin: Antonio Carrasco.
**STATIONS:** Madrid 104.3MHz 10kW, Barcelona 90.7/104.3MHz 10kW, Valencia 100.4MHz 5kW, Sevilla 101.5MHz 5kW, Palma de Mallorca 98.8/103.2MHz 5kW + 46 st's of 2kW.
**D.PRGR:** 24h.

### RADIO 80

**ADDR:** Enrique Larreta 5, Madrid 16. **Te:** 733 80 80.
**L.P:** Dir. Gen: Luis Angel de la Viuda. Prgr. Dir: José Rámon Pardo. Dir. Tec: Fernando Pardo.
**STATIONS:** Madrid 89.0/Sevilla 94.8/Valencia 96.1/Valladolid 98.1/Zaragoza 98.6/Vigo 100.4/Málaga 101.5/Barcelona 101.7MHz + 22 low power st's.
**D.PRGR:** 24h. **N:** 3 mins before the h. (Local and network prgrs).

### STATIONS OPERATING ON MW AND FM

**Abbreviations:** R.P. = Radio Popular. — R.C. = R. Cadena — IND = Independent st — AFRTS = US Air Force st.

| | kHz | Org | Call | kW | Name | FM |
|---|---|---|---|---|---|---|
| 10) | 621 | IND | EAJ15 | 10 | R. España de Barcelona | 96.9 |
| 78) | 657 | RCE | ECS11 | 20 | R.C.2, Madrid | 90.3/88.2 |
| 2) | 792 | SER | EAJ5 | 20 | R. Sevilla | 97.2 |
| 3) | 810 | SER | EAJ7 | 20 | R. Madrid | 93.9 |
| 4) | 828 | SER | EAJ1 | 20 | R. Barcelona | 93.9 |
| 61) | 837 | COPE | EAK24 | 2 | R.P. Ibiza | 89.1 |
| 31) | | COPE | EAK2 | 10 | R.P. Sevilla | 99.6 |
| 5) | 873 | SER | EAJ101 | 20 | R. Zaragoza | 95.4 |
| 6) | 882 | IND | EAJ20 | 2 | R. Sabadell/ R. Comarques Catalanes | |
| 36) | | COPE | EAK9 | 2 | R.P. Valladolid | 88.5 |
| 64) | | COPE | EAK31 | 2 | R.P. Alicante | 95.4 |
| 7) | 918 | IND | EAJ29 | 20 | R. Intercontinental | 95.1 |
| 8) | 945 | SER | EAJ42 | 2 | R. Lleida | 92.4 |
| 9) | 954 | IND | EAJ2 | 20 | R. España | 97.2 |
| 11) | 990 | SER | EAJ28 | 10 | R. Bilbáo | 89.5 |
| 6x) | 999 | COPE | EAK1 | 20 | R.P. Madrid | 99.5 |
| 12) | 1026 | SER | EAJ11 | 9 | R. Réus | 97.1 |
| 13) | | SER | EAJ31 | 3 | R. Alicante | 90.9 |
| 14) | | SER | EAJ48 | 3 | R. Vigo | 99.4 |
| 131) | | SER | EAJ61 | 2 | R. Jaén | 96.9 |
| 89) | | SER | EAJ34 | 2 | R. Gijón | 90.0 |
| 15) | 1080 | SER | EAJ13 | 5 | R. Mallorca | 96.6 |
| 16) | | SER | EAJ16 | 5 | R. Granada | 95.4 |
| 17) | | SER | EAJ41 | 3 | R. Coruña | 91.0 |
| 138) | | SER | EAJ49 | 2 | R. Toledo | 100.7 |
| 144) | | SER | EAJ22 | 2 | R. Huesca | 96.9 |
| 18) | 1107 | RCE | ECS1 | 2 | R.C. Teruel | 95.6 |
| 19) | | RCE | ECS10 | 2 | R.C. Socuellamas | 88.5 |
| 21) | | RCE | EFE6 | 5 | R.C. Caceres | 95.1 |
| 22) | | RCE | EFE14 | 20 | R.C. 1, Madrid | |
| 23) | | RCE | EFE25 | 5 | R.C. Santander | 96.9 |
| 24) | | RCE | EFE31 | 5 | R.C. Vigo | 96.0 |
| 25) | | RCE | EFJ15 | 20 | R.C. Barcelona | 89.7 |
| 26) | | RCE | EFJ19 | 5 | R.C. Murcia | 92.1 |
| 27) | | RCE | EFJ29 | 2 | R.C. Ponferrada | 95.6 |
| 29) | | RCE | EFJ56 | 10 | R.C. Málaga | 92.5 |
| 81) | | RCE | EFEY | 2 | R.C. Palencia | 91.8 |
| 30) | 1125 | COPE | EAK53 | 2 | R.P. Réus | 89.7 |
| 37) | 1134 | COPE | EAK13 | 10 | R.P. Bilbáo | 97.8 |
| 32) | | COPE | EAK3 | 2 | R.P. Burgos | 95.4 |
| 33) | | COPE | EAK4 | 2 | R.P. Pamplona | 87.9 |
| 187) | | COPE | EAK5 | 10 | R.P. Valencia | |
| 35) | | COPE | EAK6 | 10 | R.P. Zaragoza | 97.8 |
| 59) | | COPE | EAK21 | 3 | R.P. Badajoz | 89.1 |
| 38) | | COPE | EAK19 | 2 | R.P. Salamanca | 90.0 |
| 39) | | COPE | EAK22 | 2 | R.P. Ciudad Real | 93.6 |
| 40) | | COPE | EAK29 | 2 | R.P. Lorca | 97.5 |
| 41) | | COPE | EAK40 | 2 | R.P. Jaén | 88.8 |
| 42) | | COPE | EAK43 | 2 | R.P. El Ferrol | 95.5 |
| 43) | | COPE | EAK48 | 2 | R.P. Astorga | 87.6 |
| 53) | | COPE | EAK12 | 2 | R.P. Murcia | 89.7 |
| 45) | | COPE | EAK59 | 2 | R.P. Orense | 92.4 |

| | kHz | Org | Call | kW | Name | FM |
|---|---|---|---|---|---|---|
| 46) | | COPE | EAK67 | 2 | R.P. Menorca | 90.0 |
| 47) | | COPE | EAK69 | 2 | R.P. Almería | 97.2 |
| 48) | | COPE | EAK82 | 2 | R.P. Figueras | 89.4 |
| 49) | | COPE | EAK91 | 2 | R.P. Asturias | 89.1 |
| 51) | 1179 | SER | EAJ17 | 5 | R. Murcia | 91.2 |
| 1) | | IND | EAJ39 | 20 | R. Miramar | |
| 73) | | SER | EAJ4 | 10 | R. Galicia | 90.6 |
| 52) | 1224 | COPE | EAK11 | 5 | R.P. Málaga | 89.4 |
| 50) | | COPE | EAK33 | 5 | R.P. Vigo | 87.8 |
| 54) | | COPE | EAK14 | 2 | R.P. Huelva | 91.9 |
| 55) | | COPE | EAK15 | 2 | R.P. Lérida | 96.0 |
| 56) | | COPE | EAK17 | 2 | R.P. Jerez | 92.2 |
| 57) | | COPE | EAK18 | 2 | R.P. Mallorca | 97.5 |
| 58) | | COPE | EAK20 | 2 | R.P. Córdoba | 87.6 |
| 44) | | COPE | EAK57 | 2 | R.P. Cáceres | 91.5 |
| 60) | | COPE | EAK23 | 2 | R.P. Puertollano | 97.5 |
| 62) | | COPE | EAK25 | 2 | R.P. León | 93.3 |
| 63) | | COPE | EAK26 | 2 | R.P. Zamora | 94.9 |
| 66) | | COPE | EAK39 | 2 | R.P. Granada | 88.2 |
| 67) | | COPE | EAK44 | 2 | R.P. San Sebastián | 88.5 |
| 68) | | COPE | EAK46 | 2 | R.P. Albacete | 95.4 |
| 69) | | COPE | EAK58 | 2 | R.P. Lugo | 90.0 |
| 70) | | COPE | EAK68 | 2 | R.P. Santander | 88.4 |
| 71) | | COPE | EAK78 | 2 | R.P. Castellón | 88.5 |
| 74) | 1260 | SER | EAJ8 | 10 | R. San Sebastián | 97.2 |
| 75) | | SER | EAJ52 | 5 | R. Extremadura | 96.9 |
| 76) | | SER | EAJ55 | 5 | R. Algeciras | 95.7 |
| 34) | | SER | EAJ3 | 10 | R. Valencia | 99.0 |
| 77) | 1314 | RCE | ECS7 | 2 | R.C. Tárrega | 90.9 |
| 79) | | RCE | ECS12 | 2 | R.C. Cabra | 95.1 |
| 80) | | RCE | ECS17 | 2 | R.C. Monforte | 88.8 |
| 20) | | RCE | EFE1 | 2 | R.C. Valladolid | 96.7 |
| 82) | | RCE | EFE17 | 20 | R.C. Valencia | 96.9 |
| 83) | | RCE | EFE23 | 5 | R.C. San Sebastián | 93.3 |
| 84) | | RCE | EFJ2 | 2 | R.C. Soria | 89.7 |
| 85) | | RCE | EFJ5 | 2 | R.C. Cádiz | 95.1 |
| 86) | | RCE | EFJ41 | 2 | R.C. Sama Langreo | 88.8 |
| 87) | 1341 | SER | EAJ25 | 2 | R. Tarrasa | 95.8 |
| 88) | | SER | EAJ60 | 2 | R. Almería | 93.6 |
| 90) | 1395 | RCE | ECS5 | 5 | R.C. Granada | 97.8 |
| 91) | | RCE | ECS6 | 2 | R.C. Tortosa | 87.9 |
| 92) | | RCE | ECS13 | 2 | R.C. Ciudad Real | 95.7 |
| 93) | | RCE | EFE5 | 2 | R.C. León | 97.9 |
| 94) | | RCE | EFE8 | 2 | R.C. Alicante | 94.5 |
| 95) | | RCE | EFJ11 | 5 | R.C. La Coruña | 96.7 |
| 159) | | RCE | EFJ26 | 3 | R.C. Cartagena | 89.0 |
| 97) | | RCE | EFJ51 | 2 | R.C. Huelva | 95.0 |
| 98) | | RCE | ECS14 | 2 | R.C. Gerona | 93.5 |
| 99) | 1413 | RCE | ECS8 | 10 | R.C. Sevilla | 90.0 |
| 100) | | RCE | EFE10 | 2 | R.C. Vitoria | 92.4 |
| 96) | | RCE | EFJ50 | 2 | R.C. Calahorra | 88.8 |
| 102) | | RCE | EFE22 | 5 | R.C. Oviedo | 89.4 |
| 103) | | RCE | EFJ46 | 20 | R.C. Zaragoza | 94.5 |
| 104) | 1476 | RCE | ECS18 | 2 | R.C. Orense | 95.1 |
| 105) | | RCE | EFE58 | 5 | R.C. Cordoba | 92.2 |
| 106) | | RCE | EFJ25 | 2 | R.C. Almería | 88.9 |
| 107) | | RCE | EFJ23 | 2 | R.C. Albacete | 91.8 |
| 108) | | RCE | EFJ43 | 10 | R.C. Bilbáo | 96.6 |
| 28) | 1476 | RCE | EFJ45 | 2 | R.C. Palma de Mallorca | 88.8 |
| 109) | 1485 | SER | EAJ12 | 2 | R. Alcoy | 96.3 |
| 110) | | SER | EAJ14 | 2 | R. Castellón | 95.7 |
| 111) | | SER | EAJ18 | 2 | R. Rioja | 91.8 |
| 112) | | SER | EAJ26 | 2 | R. Antequera | 96.3 |
| 113) | | SER | EAJ32 | 2 | R. Santander | 91.2 |
| 114) | | SER | EAJ38 | 2 | R. Gerona | 88.2 |
| 115) | | SER | EAJ56 | 2 | R. Salamanca | 96.9 |
| 116) | | SER | EAJ63 | 2 | R. León | 88.2 |
| 127) | | SER | EAJ59 | 2 | R. Cádiz | 89.4 |
| 140) | | SER | EAJ65 | 2 | R. Ciudad Real | 92.1 |
| 117) | 1503 | RCE | ECS2 | 5 | R.C. Badajoz | 94.9 |
| 118) | | RCE | ECS3 | 5 | R.C. Avila | 92.0 |
| 119) | | RCE | ECS9 | 2 | R.C. Jaén | 93.3 |
| 120) | | RCE | ECS15 | 2 | R.C. Marbella | 87.6 |
| 121) | | RCE | ECS19 | 2 | R.C. Benavente | 88.8 |
| 122) | | RCE | EFE33 | 5 | R.C. Tarragona | 88.8 |
| 123) | | RCE | EFE57 | 5 | R.C. Pamplona | 95.7 |
| 124) | | RCE | EFJ54 | 2 | R.C. Burgos | 93.6 |
| 125) | 1521 | SER | EAJ19 | 5 | R. Asturias | 97.5 |
| 126) | | SER | EAJ40 | 3 | R. Pontevedra | 89.1 |
| 134) | | SER | EAJ51 | 2 | R. Manresa | 91.8 |
| 128) | 1539 | SER | EAJ47 | 5 | R. Valladolid | 90.9 |
| 101) | | RCE | EFE19 | 2 | R.C. Castellón | 89.4 |
| 129) | 1575 | SER | EAJ24 | 5 | R. Córdoba | 89.1 |
| 135) | | SER | EAJ35 | 2 | R. Panadés | 96.3 |
| 130) | 1584 | SER | EAJ6 | 3 | R. Pamplona | 92.1 |
| 132) | | SER | EAJ23 | 2 | R. Gandia | 96.9 |
| 133) | | SER | EAJ27 | 2 | R. Castilla | 89.1 |
| 136) | | SER | EAJ44 | 2 | R. Albacete | 89.4 |
| 137) | | IND | EAJ53 | 2 | R. Elche | 94.8 |
| 139) | | SER | EAJ57 | 2 | R. Orense | 87.6 |
| 141) | | SER | EAJ58 | 2 | R. Jerez | 98.5 |
| 142) | | SER | EAJ72 | 2 | R. Zamora | 89.9 |
| 143) | 1602 | IND | EAJ30 | 2 | R. Onteniente | 97.2 |
| 145) | | IND | EAJ37 | 2 | R. Linares | 94.9 |
| 146) | | SER | EAJ62 | 2 | R. Vitória | 96.7 |
| 147) | | SER | EAJ64 | 2 | R. Segovia | 93.6 |
| 148) | | SER | EAJ68 | 2 | R. Lugo | 91.8 |
| 149) | | SER | | 2 | R. Cartagena | |

**Local Prgrs:**

**SER:** W 0530-0545, 0620-0630, 0730-0800, 1030-1330, 1400-1600, 1700-1900, 1945-2100; Sun 0730-1330, 1400-1500, 1830-1900, 2030-2100.

**COPE:** W 0705-0800, 1200-1330, 1400-1600, 1830-2030; Sun 0800-1330, 1400-1530, 1800-1830, 1930-2000.

**RCE:** W s/on-0730, 0805-1330, 1400-1600, 1705-1800, 1900-2200; Sun s/on-1330, 1400-1530,1800-1830.

### OTHER STATIONS OPERATING ON FM ONLY

| | Org | Call | Name | MHz |
|---|---|---|---|---|
| 150) | IND | EAM29 | R. Mora de Ebro | 87.6 |
| 151) | SER | EAM21 | R. Villena | 87.8 |
| 152) | RCE | ECS26 | R.C. Utiel | 87.9 |
| 153) | RCE | EFJ61 | R.C. Morón de la Frontera | 87.9 |
| 154) | RCE | ECS21 | R.C. Tudela | 88.2 |
| 165) | RCE | EFJ1 | R.C. Madrid | 88.2 |
| 156) | IND | EAM23 | R. Segura | 88.8 |
| 157) | RCE | EFJ6 | R.C. Alamansa | 88.8 |
| 158) | RCE | EFJ7 | R.C. Plasencia | 88.8 |
| 160) | RCE | ECS28 | R.C. Caspe | 89.1 |
| 161) | SER | EAM22 | R. Yecla | 89.4 |
| 162) | RCE | ECS20 | R.C. Torrelavega | 89.4 |
| 163) | RCE | EFJ4 | R.C. Igualada | 89.4 |
| 164) | RCE | EFJ37 | R.C. Talavera de la Reina | 89.4 |
| 166) | RCE | EFJ53 | R.C. Miranda de Ebro | 89.7 |
| | AFRTS | | Zaragoza | 89.7 |
| 167) | RCE | EFJ21 | R.C. Barbastro | 90.0 |
| 168) | RCE | EFJ52 | R.C. Aranda de Duero | 90.0 |
| 169) | IND | EAM26 | R. Vic | 90.3 |
| 186) | | | R. Reloj | 90.9 |
| 188) | RER | | R. Málaga | 90.9 |
| 170) | IND | EAM6 | L.V. Pedroches | 91.2 |
| 171) | SER | EAM27 | R. Denia | 92.5 |
| 172) | IND | | R. Minuto | 94.8 |
| 173) | RCE | ECS22 | R.C. Ulldecona | 95.0 |
| 174) | RCE | ECS25 | R.C. Fraga | 95.0 |
| 176) | SER | | R. Alcira | 95.7 |
| 175) | RCE | ECS27 | R.C. Crevillente | 96.6 |
| 185) | IND | | R. Antequera | 96.6 |
| 177) | RCE | EFJ42 | R.C. Eibar | 96.9 |
| | AFRTS | | Rota | 96.9 |
| 187) | RER | | R. Cristal | 98.0 |
| 155) | IND | EAM28 | R. Olot | 98.1 |
| 178) | RCE | ECS23 | R.C. Ronda | 99.3 |
| 179) | COPE | EAK66 | R.P. Loyola | 99.8 |
| 180) | RCE | EFJ38 | R.C. Béjar | 99.9 |
| | AFRTS | | Madrid | 100.2 |
| 181) | IND | EAM32 | R. Orihuela | 101.1 |
| 182) | SER | EAM30 | R. Motril | 102.15 |
| 183) | IND | | R. Arán | 103.1 |
| 184) | IND | EAM31 | R. Mataró | 103.9 |
| 189) | RAC | | R. Associació | 105.0 |

**Addresses:**

1) Plaza de Cataluña 9, Barcelona-2
2) Rafael Gonzales Abreu, 6, Sevilla-1
3) Gran Vía, 32, Madrid-13
4) Caspe 6, Barcelona-10

5) Paseo de la Constitución, 21, Zaragoza-1
6) Calle Convento, 22 y 24, Sabadell (Barcelona) — **FM:** "Antena de Cataluna" (separate prgrs).
6x) Juan Bravo, 49, Madrid-6
7) Modesto Lafuente, 42, Madrid-3
8) Maqués de Villa Antonia 5, Lleida
9) Manuel Silvela 9, Madrid-10
10) Ramblas, 126, Barcelona-2
11) Rodriguez Arias, 6, Bilbáo-8
12) Arrabal de Santa Ana, 54, Réus (Tarragona)
13) Pintor Velasquez, 14, entlo, Alicante
14) Policarpo Sanz, 36, Vigo (Pontevedra)
15) Camino de Son Moix, s/n, Palma de Mallorca
16) Santa Paula, 2, Granada
17) Plaza de Orense, 3, La Coruña
18) Plaza de la Catedral, 9, Teruel
19) Ramiro Ledesma, 8, Socuellamos (Ciudad Real)
20) Angustias, 1, Valladolid
21) Ronda San Francisco, s/n, Cáceres
22) Ayala 15, Madrid-1
23) Lealtad, 14, Santander
24) Avda. García Barbón, 3, Vigo (Pontevedra)
25) Via Augusta, 17, Barcelona-6
26) Isaac Albéniz, 8, Murcia
27) Ave María, 9, Ponferrada (León)
28) San Bartolomé, 9, Palma de Mallorca
29) Alameda de Colón, 32, Málaga 1
30) Arrabal de San Pedor, 3, Réus (Tarragona)
31) Virgenes, 24, Sevilla-4
32) Avenida del Cid, 8, Burgos
33) Amaya, 2-B, Pamplona (Navarra)
34) Don Juan de Austria, 3, Valencia-2 — **FM:** "R. Mediterraneo" (separate prgrs).
35) Plaza de la Séo, 6, Zaragoza-1
36) Claudio Moyano, 4, Valladolid
37) Alamada Mazarredo, 47, Bilbáo-9
38) Plaza Mayor, 35, Salamanca
39) Pasaje de San Isidro, s/n, Ciudad Real
40) Avenida Martirez, 63, Lorca (Murcia)
41) Avenida Madrid, 68, Jaén
42) Miramar s/n, El Ferrol (La Coruña)
43) Plaza Obispo Don Marcelo s/n, Astorga (León)
44) Avenida de España, 15, Cáceres
45) General Franco, 101, Orense
46) Obispo Vila, 7, Ciudadela (Menorca)
47) Alcalde Muños, 10, Almería
48) San Lázaro, 21, Figueras (Gerona)
49) La Cámara, 71, Avilés (Asturias)
50) Principe, 57, Vigo (Pontevedra)
51) Lucas, 4, Murcia
52) Plaza Cruz de Humilladero, s/n, Málaga-6
53) Arco Santo Domingo, s/n, Murcia
54) Puerto, 24, Huelva
55) Academia, 17, Lérida
56) Ramón de Cala, 2, Jerez (Cádiz)
57) Seminario, 4, Palma de Mallorca
58) Plaza Cardenal Toledo, 4, Córdoba
59) Menacho, 16, Badajoz
60) Alejandro Prieto, 2, Puertollano (Ciudad Real)
61) Felipe II, 28, Ibiza
62) Lópe de Vega, 1, León
63) Avenida Generalisimo, 13, Zamora
64) Aurelio Ibarra, 9, Alicante
66) Gran Vía de Colón, 28, Granada
67) Caribay, 19, San Sebastián
68) Mayor, 18, Albacete
69) Reina, s/n, Lugo
70) Rualasal, 5, Santander
71) F. Tarrega, s/n, Villareal (Castellón)
73) San Pedro de Mezonzo, 3, Santiago de Compostela (La Coruña)
74) Avenida de la Libertad, 27, San Sebastián
75) Teniente Coronel Yagüe, 2, Badajoz
76) Plaza Alta, 2, Algeciras (Cádiz)
77) Avenida de Cataluna, 27, Tarrega (Lérida)
78) Huertas, 73, Madrid-14
79) Cervantes, 11, Cabra (Córdoba)
80) Plaza de España, 4, Monforte de Lemos (Lugo)
81) Becerro Bengoa, 7, Palencia
82) Avenida de El Cid, 154, Valencia-14
83) C/Easo, 12, San Sebastián
84) Campo, 5, Soria
85) Avenida de Andalucia, 3, Cadiz
86) Dorado, 11, Sama de Langreo (Oviedo)
87) San Pedro, 38, Tarrasa (Barcelona) — **FM:** "R. Club 25" (separate prgrs).
88) Plaza de San Sebastián, 5, Edificio Concordia, 3 — Galerias Comerciales, Almería.
89) Moros, 37, bajo, Gijón (Asturias)
90) Severa Ochoa, 13, Granada
91) República Argentina, 26, Tortosa (Tarragona)
92) Avenida de los Mártires, 28, Ciudad Real
93) Ordono II, 28, León
94) Angel Lozano, 18, Alicante
95) Paseo de Méndez Núñez, s/n, La Coruña
96) Bebricio 40, Calahorra (La Rioja)
97) Miguel Redando, 48, Huelva
98) Avenida Jaime I, 30, Gerona
99) Aponte 1, Sevilla-2
100) Francia, 24, Vitória
101) Avenida del Mar, 23, Castellón
102) Asturias, 9, Oviedo
103) Gran Via 7, Zaragoza-6
104) Parque San Lázaro, 14, Orense
105) Buen Pastor, 4, Córdoba
106) Plaza Administración Vieja, 4, Almería
107) Tesifonte Gallego, 6, Albacete
108) Banco de España, 3, Bilbáo-5
109) Edificio Capitol, Beato Nicolas Factor, 2, Alcoy (Alicante)
110) Moyano 5, entresuelo, Castellón
111) Avenida de Portugal 12, Logroño
112) Rodaljarros, 3, Antequera (Málaga)
113) Marcelino S. de Sautuola 4, Santander
114) Pompeu Fabra 11, Gerona
115) Arco, 8, Salamanca
116) Villafranca, 6, León
117) Avenida de Colón 2, Badajoz
118) Plaza de Santa Ana, 7, Avila
119) Paseo de la Estacion, 30, Jaén
120) Avenida Ricardo Soriano, s/n, Marbella (Málaga)
121) Portugal, 35, Benavente (Zamora)
122) La Union, 21, Tarragona
123) Aoiz, 17, Pamplona
124) Caja de Ahorros Municipal, 17, Burgos
125) Asturias, 19, Oviedo
126) Peregrina, 25/27, Pontevedra
127) José del Toro, 10, Cadiz
128) Montero Calvo, 7, Valladolid
129) Alfonso XIII, 12, Córdoba
130) Yanguas y Miranda, 17, Pamplona
131) Obispo Aguilar 1, Jaen
132) Alcalá de Olmo, 15 y Loreto, 38, Gandía (Valencia)
133) Conde Jordana 1, Castilla (Burgos)
134) Plaza Grano Mola, 3, Pral Manresa
135) Llibertat, 25, Villanueva y Geltrú (Barcelona) — **FM:** "R. Terramar" (separate prgrs).
136) Concepción, 25, Albacete
137) Calle Doctor Caro, 45, Elche (Alicante)
138) Plaza de la Merced, 1, Toledo
139) Tiendas 9 y 11, Orense
140) Yanguas y Miranda, 17, Ciudad Real
141) Caracuel, 15, Jerez (Cadiz)
142) Avenida del Generalísimo, 1, Zamora
143) Plaza José António, 26, Onteniente (Valencia)
144) Loreto, 2, Huesca
145) Pérez Caldós, 35, Linares (Jaén)
146) Pasaje Postas, General Alava s/n, Vitória
147) San Agustín, 3, Segovia
148) Plaza de Santo Domingo, 3, Lugo
149) Real, 82, Cartagena (Murcia)
150) Bonaire 15, Mora de Ebro (Tarragona)
151) Paseo de Chapi, 9, Villena (Alicante)
152) Alamos, 4, Utiel (Valencia)
153) Utrera, 4, Morón de la Frontera (Sevilla)
154) Eza, 5, Tudela (Navarra)
155) Plaza del Carmen, 2, Olot (Gerona)
156) Calle Esteban Zurbano, Segura (Guipúzcoa)
157) Virgen de Belén, 5, Almansa (Albacete)
158) San Nicolás, 3, Plasencia (Cáceres)
159) Avenida Alfonso XIII, s/n, Cartagena (Murcia)

160) Plaza de España, 1, Caspe (Zaragoza)
161) San José, 8, Yecla (Murcia)
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163) Ordena, 118, Igualada (Barcelona)
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167) Argensola, 26, Barbastro (Huesca)
168) San Francisco, 5, Aranda de Duero (Burgos)
169) San Antonio, 4, Vic (Barcelona)
170) Cronista Sepúlveda, 2, Pozoblanco (Cordoba)
171) Ramón y Cajal, 3, Denia (Alicante)
172) Teodoro Roviralta, 31, Barcelona-22
173) Mayor, 94, Ulldecona (Tarragona)
174) Paseo Barrón, 11, Fraga (Huesca)
175) Calle de Fontenay, s/n., Crevillente (Alicante)
176) Plaza de Reino, 2, Alcira (Valencia)
177) Bidebarrieta, 10, Eibar (Guipúzcoa)
178) Sevilla, 110, Ronda (Málaga)
179) Santuario de Loyola, s/n, Azpeitia (Guipúzcoa)
180) Calle 28 de Setiembre, 24, Béjar (Salamanca)
181) Avenida Rey Teodomiro, 21, Orihuela (Alicante)
182) Avenida de Salobrena, 19, Motril (Granada)
183) Viella (Lérida)
184) Calle Cooperativa, 4, Mataró (Barcelona)
185) Torcal (Málaga)
186) Rambla Nova 71, Tarragona.
187) Madrid.
188) Málaga.
189) Barcelona.
**V.** Most st's verify repts.

## SWEDEN

**L.T:** UTC + 1h (Su: UTC + 2h) — **Pr.L:** Swedish
**E.C:** a/c 220/380V (yes).

### TELEVERKET RADIO (Swedish Telecom Radio)

has the responsibility for the distribution of the prgrs produced by the subsidiaries of the Swedish Broadc. Corpo. and has also charge of the collection of fees.
**ADDR:** Mårbackagatan 11, Farsta. **Postal Addr:** S-123 86 Farsta. **Te:** (08) 7131000. **Cable:** Radiogen, Stockholm. **Telex:** 14970.
**L.P:** Dir. Tec: Carl-Gösta Åsdal. Head of Broadc. Valdemar Persson.

### SVERIGES RADIO AB (Swedish Broadcasting Corporation) (Non-comm. public broadc. sce.) (Parent company).

**ADDR:** Radiohuset, Oxenstiernsgatan 20, Stockholm.
**Postal Addr:** S-105 10 Stockholm. **Te:** (08) 7840000. **Cable:** Broadcast. **Telex:** 10000.
**L.P:** Chmn. Board of Governors: H. Schein. Dir. Gen: Ö. Wallqvist. Dir. Finance: G. Waldau. Dir. Staff: Christer Frey. Dir. Eng: A. Rohdin. Legal Adviser and Head, Dir. Gen. Off: H. Fahlberg. Contr. Corporate Affairs: Kerstin Lindgren. Int. Rel: G. Dahlin. Press and Inf: Christina Haggren.

### SVERIGES RIKSRADIO AB (Swedish Radio Company) (Non-comm. public broadc. sce).

**Addr:** Radiohuset, Oxenstiernsgatan 20, Stockholm.
**Postal addr:** S-105 10 Stockholm. **Te:** (08) 7840000. **Cable:** Broadcast. **Telex:** 10000.
**L.P:** Chmn. Board of Governors: R. Gustavsson. Man. Dir: Ove Joanson. Dir. of Prgrs: Bengt Emil Johnson. Dep. Prgr. Dir: Gunda Magnusson. Dir. of Adm: Åke Levin. Dir. of Engineering: Göte Nilsson. Legal Advisor: Gunhild Frylén. Head Int. Radio Office: Sven Åke Landström.

**STATIONS: Long- and Mediumwaves**

| Station | kHz | kW | Station | kHz | kW |
|---|---|---|---|---|---|
| Motala | 191 | 300 | Hörby | *1179 | 100 |

*) to be replaced by Sölvesborg 600kW in early 1985. Carries Home Sce. 1st Prgr. 0430-1600, Foreign Sce. 1600-2400.

**Shortwave:** see Foreign Service.
**FM** (All freqs in MHz). Netw. III also carries Local Radio prgrs.

| Station | Area° | I | II | III | kW |
|---|---|---|---|---|---|
| Arvidsjaur | 24) | 89.4 | 94.2 | 97.1 | 60 |
| Bollnäs | 20) | 88.4 | 91.81 | 96.0 | 60 |
| Borlänge | 19) | 97.7 | 93.0 | 89.4 | 60 |
| Borås | 13x) | 88.5 | 94.6 | 97.9 | 10 |
| Bäckefors | 14) | 92.7 | 96.8 | 99.1 | 60 |
| Emmaboda | 6) | 93.0 | 96.7 | 99.75 | 60 |
| | 7) | — | — | 95.6 | 60 |
| Filipstad | 16) | 88.5 | 90.1 | 98.8 | 0.5 |
| Finnveden | 5) | 90.15 | 94.2 | 99.9 | 3 |
| Gällivare | 24) | 88.3 | 94.9 | 98.5 | 60 |
| Gävle | 20) | 88.1 | 97.4 | 99.8 | 60 |
| Göteborg | 13) | 89.3 | 96.3 | 99.4 | 60 |
| Halmstad | 12) | 87.7 | 91.2 | 95.4 | 60 |
| | 10) | — | — | 97.3 | 3 |
| Helsingborg | 11) | 89.8 | 95.7 | 98.4 | 3 |
| Hudiksvall/Forsa | 20) | 87.6 | 90.2 | 93.8 | 1 |
| Hörby | 10) | 88.8 | 92.4 | 97.0 | 60 |
| | 11) | — | — | 89.5 | 5 |
| Jönköping | 5) | 91.0 | 93.7 | 97.1 | 1 |
| Kalix | 24) | 91.3 | 93.6 | 97.9 | 60 |
| Karlshamn | 9) | 90.3 | 93.4 | 98.3 | 3 |
| Karlskrona | 9) | 89.1 | 95.0 | 97.7 | 10 |
| Karlstad | 16) | 90.5 | 94.2 | 96.5 | 3 |
| Kiruna | 24) | 89.1 | 92.7 | 96.4 | 60 |
| Kisa | 4) | 90.5 | 93.2 | 96.9 | 3 |
| Lycksele | 23) | 92.9 | 95.4 | 98.7 | 60 |
| Malmö | 11) | 87.9 | 93.3 | 98.0 | 6 |
| Mora | 19) | 92.2 | 96.7 | 98.95 | 10 |
| Motala | 4) | 91.1 | 93.8 | 98.2 | 3 |
| Norrköping | 3) | 90.0 | 93.5 | 98.7 | 60 |
| | 4) | — | — | 94.8 | 60 |
| Nässjö | 5) | 89.6 | 92.1 | 99.0 | 60 |
| Pajala | 24) | 90.8 | 93.0 | 95.9 | 60 |
| Skellefteå | 23) | 93.8 | 96.3 | 99.9 | 10 |
| Skövde | 15) | 88.9 | 95.1 | 97.5 | 60 |
| Sollefteå | 21) | 88.2 | 93.5 | 98.1 | 60 |
| Stockholm* | 1) | 92.4 | 96.2 | 99.3 | 60 |
| Storuman | 23) | 87.6 | 91.2 | 99.0 | 60 |
| Sundsvall | 21) | 92.7 | 96.9 | 99.2 | 60 |
| Sunne | 16) | 90.9 | 94.5 | 98.45 | 60 |
| Sveg | 22) | 90.6 | 94.9 | 97.9 | 60 |

**Vi distribuerar**
**WORLD RADIO TV HANDBOOK**
**i Sverige**

Vi har dessutom ett stort urval av litteratur för DX-are, radioamatörer, tekniker m. fl. från ARRL, RSGB, Radio Publications, Gilfer, osv. däribland:

**THE RADIOAMATEUR'S HANDBOOK**
**THE ARRL ANTENNA BOOK och andra antennböcker**
**CONFIDENTIAL FREQUENCY LIST**

**Fråga efter böckerna i bokhandeln eller skriv till oss. Rekvirera broschyrer, prislistor, osv! Bifoga svarsporto.**

**RADEX**
**Box 726**
**251 07 HELSINGBORG**

| Station | Area° | I | II | III | kW |
|---|---|---|---|---|---|
| Trollhättan | 14) | 91.9 | 95.7 | 99.8 | 3 |
| Tasjö | 23) | 89.9 | 94.7 | 88.2 | 60/60/25 |
| | 22) | — | — | 97.5 | 25 |
| Uddevalla | 14) | 89.9 | 93.1 | 97.2 | 3d |
| Uppsala | 2) | 90.3 | 93.3 | 96.6 | 3 |
| Varberg | 12) | 90.4 | 93.6 | 98.8 | 10 |
| Visby | 8) | 87.6 | 94.1 | 97.2 | 60 |
| Vislanda | 6) | 88.0 | 90.6 | 94.7 | 10 |
| Väddö | 1) | — | — | 94.7 | 3 |
| Vännäs | 23) | 88.5 | 92.1 | 95.8 | 60 |
| Västervik | 7) | 88.3 | 91.8 | 96.0 | 60 |
| Västerås | 18) | 98.0 | 95.72 | 90.7 | 60 |
| Ånge | 21) | 93.2 | 95.6 | 99.6 | 10 |
| Älvsbyn | 24) | 90.6 | 94.5 | 99.4 | 60 |
| Örebro | 17) | 87.9 | 91.5 | 99.55 | 60 |
| Örnsköldsvik | 21) | 90.8 | 94.4 | 97.8 | 10 |
| Östersund | 22) | 87.9 | 91.5 | 94.0 | 60 |
| Östhammar | 2) | 89.1 | 92.8 | 95.5 | 3 |
| Överkalix | 24) | 88.9 | 91.7 | 99.0 | 3 |

+ 179 smaller trs.
*) Additional tr on 89.65MHz, 0.7kW, relays Foreign Service.
°) Local radio area.

## HOME SERVICE

**FIRST PRGR.** (news & spoken word): Mon-Thurs 0450-2245; Fri 0420-2230; Sat 0520-2125; Sun 0625-2210.
**N:** 0500 (Mon-Fri), 0530 (Sat), 0600, 0700, 1130, 1400, 1545, 1700, 2100 — **Wrp** (incl. forecast for Swedish waters): 0520, 0700, 1200, 1530, 2050 — **Time Signal:** D 1159-1200.
**Relays of 1st Prgr on Shortwaves:** See Foreign Sce. schedule.
**SECOND PRGR:** 0445 (Sat 0600, Sun 0650)-2300.
**N:** W 0600 — **Finnish:** Mon-Fri 0445-0500, 0700-0730, 1045-1100, 1700-1730; Sat 1300-1400, 1730-1830 — **Sami:** Mon-Fri 0645-0650, Sat 1800-1830, Sun 1630-1730 — **Prgrs for Immigrants:** Mon-Fri 0730-0800, 1730-1820; Sat 0800-0900, 1700-1730. Additional prgrs at various times between 1245-1600 (Mon-Fri) — **Stock Report:** Mon-Fri 1230-1245.
**THIRD PRGR:** Light music and entertainment 24h. Local radio: Mon-Fri 0500-0700, 1100-1130; D 1600-1700; Sat 0600-0700; Sun 0700-0800, 1945-2000. **N:** Short bulletins every h on the h (with a few exceptions) — **Newsreel:** Mon-Fri 0445, D 1445.
**ANN:** Nat. prgr. "Sveriges Riksradio . . ." and the service f. inst. "Sveriges Riksradio programm ett" — **INT-SIG:** 1st Prgr: The opening notes from Carl Michael Bellman's "Storm och böljor tystna re'n" or, more frequently, birdsongs changing each week. Home Service 1st Prgr:

**ALF:** B&W TV (incl. radio) Sw. Kr. 548, —; Colour TV (incl. radio) Sw. Kr. 708, —.

## FOREIGN SERVICE

**Postal Addr:** Radio Sweden International, S-105 10 Stockholm.
**L.P:** Dir: B. Gustafsson. Prgr. Sce: Hans Wachholz. Transcription Sce: B. Järrel. DX-Editor: George Wood.
**STATIONS:** Hörby (G.C: 13.44E/55.49N): 2×500kW SW trs, 1×100kW MW tr; Karlsborg (G.C: 14.29E/58.29N): 1×500kW SW tr; Varberg (G.C: 12.24E/57.06N): 1×100kW SSB-tr. K=Karlsborg; V=Varberg; others Hörby.

| kHz | kHz | kHz | kHz | kHz | kHz | kHz |
|---|---|---|---|---|---|---|
| 5990 | K9615 | K9710 | 11845 | K11955 | V15435 | V21555 |
| 6045 | K9630 | 9745 | K11925 | 11960 | 17710 | 21610 |
| 6065 | K9660 | 9760 | K11940 | K15285 | 17820 | 21615 |
| K6065 | 9665 | 11705 | V11950 | 15390 | 17860 | 21690 |
| 6105 | 9695 | K11705 | 11955 | V15420 | V21550 | K21690 |
| 9605 | 9710 | | | | | |

**Areas:** I=Europe; II=Europe, Africa; III=Europe, N. Asia; IV=Europe, Latin America; V=Middle East; VI=M. East, Africa; VII=Africa; VIII=East Asia; IX=Southeast Asia; X=South Asia, M. East; XI=N. Asia; XII=North America; XIII=Latin America; XIV=Australia/N.Z.; XV=Ea. Europe/Ea. Asia; XVI=So. Asia/Ea. Europe; XVII=Pacific Ocean (nd=omnidirectional).

**Schedule Nov 4th 1984 — March 3rd 1985**

| English | Area | kHz/Beam |
|---|---|---|
| 1100-1130 | I/XIV | 9630K (210), 17820 (70) |
| 1230-1300 | VIII/VII | 9745 (55), 21690K (180) |
| 1400-1430 | IX/XII | 11940K (85), 17860 (305) |
| 1600-1630 | I/X | 1179 (nd), 6065K (210), 9665 (85) |
| 1830-1900 | I/VII | 1179 (nd), 6065K (210), 11845 (165) |
| 2100-2130 | VII/V | 9710 (180), 11955K (145) |
| 2300-2330 | I/XII/XIV | 1179 (nd), 6045 (290), 11960 (70) |
| 0230-0300 | XII | 6105 (320), 9695 (320) |
| 0330-0400 | XII | 6105 (320) |
| **French** | | |
| 0930-1000 | II/V | 9630K (210), 21690 (145) |
| 1130-1200 | II | 21690 (210) |
| 1500-1530 | I/XII | 9660 (210), 17860 (305) |
| 1800-1830 | I/VII | 1179 (nd), 6065K (210), 11845 (195) |
| 2030-2100 | I/VI | 1179 (nd), 6065K (210), 11845 (165) |
| **German** | | |
| 1030-1100 | I | 6065 (165), 9630K (210) |
| 1200-1230 | I | 9615K (165), 21690 (210) |
| 1630-1700 | I | 1179 (nd), 6065K (210), 9760 (165) |
| 2000-2030 | I/VII | 1179 (nd), 6065K (210), 11845 (165) |
| **Russian** | | |
| 1330-1400 | III | 11925K (100), 11955 (70) |
| 1530-1600 | III | 6065K (100), 11955 (70) |
| 1700-1730 | I | 5990 (100) |
| 1930-2000 | I | 1179 (nd), 6065K (100) |
| 2200-2230 | I | 1179 (nd), 6065 (100) |
| 0300-0330 | XI | 6065 (55) |
| **Portuguese** | | |
| 1730-1800 | II | 1179 (nd), 6065K (235), 11845 (165) |
| 2200-2230 | IV | 11705K (210) |
| 0030-0100 | XIII | 9695 (235), 11705 (235) |
| 0200-0230 | XIII | 11705 (235) |
| **Spanish** | | |
| 1930-2000 | I | 9710 (210) |
| 2130-2200 | II | 9710K (210) |
| 2230-2300 | I/II | 1179 (nd), 11705K (210), 9605 (210) |
| 0000-0030 | XIII | 9695 (290), 11705 (250) |
| 0130-0200 | XIII | 9695 (275), 11705 (235) |
| 0300-0330 | XIII | 11705 (250) |
| **Swedish** | | |
| 0100-0130 | XIII | 9695 (275), 11705 (235) |
| 0200-0230 | XII | 9695 (320) |
| 0330-0430 | XII | 9605 (320) |
| 0330-0830 | I | 6065K (210) |
| 0430-0830 | VII | 15390 (180) |
| 1000-1030 | I/V/XIV | 9630K (210), 17820 (70), 21690 (145) |
| 1130-1200* | I/V | 9630K (210), 21610 (145) |
| 1300-1330 | VII/VIII | 9745 (55), 21690K (210) |
| 1430-1500 | X/XII | 15285K (85), 21615 (305) |
| 1700-1730* | I/V | 1179 (nd), 6065K (210), 17710 (305) |
| 1900-1930 | II | 1179 (nd), 6065K (210), 11845 (165) |
| 2100-2130* | I | 1179 (nd) |
| 2130-2200 | I | 1179 (nd), 6065 (210) |
| 2330-2400 | I/XII/XIV | 1179 (nd), 6045 (290), 11960 (70) |

*) rel. Home Sce. Prgr. 1.
**DX-PRGR:** Every Tues in English, French, German, Portuguese, Spanish and Russian.

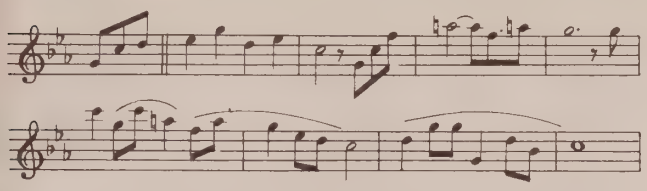
**Schedule of SSB-transmissions from Varberg 100kW tr.**

| Times | Area | kHz/Beam |
|---|---|---|
| 0630-0800 | IX/XIV | 21550 (80) |
| 0800-0930 | V/IX | 21550 (110) (Sat/Sun only) |
| 0930-1200 | V/IX | 21555 (110) |
| 1200-1600 | VI | 21555 (170) |
| 1600-1800 | VI | 15435 (170) |
| 1800-2130 | VII/XIII | 15420 (250) |
| 2330-2400** | XVII | 11950 (0) |
| 0200-0300** | XVII | 11950 (0) |

**) Rel. Foreign Sce. in Swedish and English.
Other prgr's are relays of Home Sce (1st prgr).
The Foreign Sce. is also relayed on FM 89.65MHz for the Stockholm area.

**ANN:** E: "This is R. Sweden International" G: "Hier ist R. Schweden International" Fr: "Ici R. Suède International" Sp. and P: "Aqui R. Suécia International, Estocolmo" Sw: "Utlandsprogrammet, Sveriges Radio". Ru: "Govorit Stokgolm".

**INT-SIG:** To the Wide, Wide World" (electronic music) composed by Ralph Lundsten.



**V.** by QSL-card, folder and/or letter. R. Sweden International will appreciate all letters and reports. Prgr. schedules by writing to R. Sweden International, S-105 10 Stockholm — **PUB:** Four times a year. "Radio Sweden International" in English, German, French, Spanish, Portuguese, Russian, Swedish.

**SVERIGES LOKALRADIO AB** (Swedish Local Radio Company) (Non-Comm. public broadc. sce.)
**ADDR:** Hantverkargatan 11B, Box 556, S-101 27 Stockholm.
**Te:** (08) 229800. **Cable:** Localbroadcast. **Telex:** 11850.
**L.P:** Chmn. Board of Governors: B. Löfberg. Man. Dir: Lena Wennberg. Admin. Dir: G. Elgesten. Prgr. Dir./Dep. Man. Dir: J. Engdahl. Personnel Dir: L. Frithiof. Finance Dir: T. Roxström. Tec. Dir: P.O. Wall. Staff Training: G. Mellvig-Ahlström. Int. Rel: A. Chaabane. Information: G. Ekeflo.
**Local radio** is broadcast by 24 st's for some hours a day over the 3rd prgr network. The sts are rather independent, and prgr policy varies from one station to another.
**Transmission times available:** Mon-Fri 0500-0700, 1100-1130 & 1600-1700; Sat 0600-0700, 1600-1700; Sun 0700-0800, 1600-1700. The Mon-Fri times are used by all st's and are not specified below. Several st's do not transmit on Sat, and the Sun time allotment usage varies. Sat/Sun opening times are given below. Programmes in immigrant languages are included in the transmissions where applicable.
Local news is broadcast several times a day Mon-Fri, Sat generally no news, Sun sports news at 1945.
**Frequencies:** Please refer to the FM station list above, where the official area numbering is shown. These numbers are also used below.
**Verifications:** All stations verify reception reports. Except where shown return postage is not required. Reply times vary from a few days to many months.
**Stations:** (Mon-Fri: times as above exc. where indicated).
1) R. Stockholm, 101 24 Stockholm—Sat/Sun 1600. Additional Transmissions ("Fifth prgr") on 93.8MHz Mon-Fri 0645-0800, (Tues/Thurs 1100), 1130-1545, 2030-2045, every 3rd Sat 1730-1900, two Sun's of three 1700-1830. **V.** by letter.
1x) R. Södertälje, Box 282, 151 23 Södertälje—W 1610-1650, other times relays 1). **V.** by letter.
2) R. Uppland, Box 1552, 751 45 Uppsala—Sun 1630, 1945. **V.** by QSL-card.
3) R. Sörmland, Box 342, 631 05 Eskilstuna—Sun 1600. **V.** by QSL-card.
4) R. Östergöttland, Box 764, 601 17 Norrköping — Sun 1600, 1945. **V.** by card or letter.
5) R. Jönköping, Box 2179, 550 02 Jönköping — Sat 1600, Sun 0700, 1600, 1945. **V.** by QSL-card.
6) R. Kronoberg, Box 62, 351 03 Växjö — Sat/Sun 1700. **V.** by QSL-card. Rp.
7) R. Kalmar, Box 805, 391 28 Kalmar — Sat 1600; Sun 1645, 1945. **V.** by QSL-card.
8) R. Gotland, Box 1324, 621 24 Visby — Mon-Fri 0515, 1115, 1615; Sat 1615; Sun 0715, 1615. **V.** by letter.
9) R. Blekinge, Box 70, 371 21 Karlskrona — Sun 0700, 1945. **V.** by QSL-card.
10) R. Kristianstad, Box 505, 291 25 Kristianstad — Sat 0600, 1600; Sun 0700, 1600, winter also 1945. **V.** by QSL-card. Rp.
11) R. Malmöhus, 203 55 Malmö — Uses all available times. **V.** by QSL-card.
12) R. Halland, Box 3007, 300 03 Halmstad — Sun 1600. **V.** by QSL-card.
13) R. Göteborg, Box 353, 401 25 Göteborg — Sat 1600; Sun 1600, 1945. **V.** by QSL-card.
13x) R. Sjuhärad, Box 27, 501 02 Borås — Mon-Fri 1600, Wed 0500, Sun 1945. Other times relays 13). **V.** by QSL-card.
14) R. Trestad, Box 654, 451 24 Uddevalla — Sat/Sun 1600. **V.** by QSL-card.
15) R. Västmanland, Box 850, 721 22 Västerås — Sat 1600, Sun 1945, occ also 1630. **V.** by form letter.


radio sweden rsi international

- **HOW CAN SWEDES PREACH DISARMAMENT WHILE EXPORTING WEAPONS?**
- **IS THE NOBEL LITERATURE LAUREATE SOMEBODY YOU'VE READ?**
- **CAN A SWEDE PAY MORE IN TAXES THAN HE EARNS?**

You can hear straight answers to these and countless other questions every day on RADIO SWEDEN INTERNATIONAL.

Perhaps you prefer politics, the cultural scene, sports, the business world, stamps or agriculture. Our aim is to reflect what the Swedes at large think and do at home and abroad. We air it all with news, views and features that provide provocative, interesting and constantly changing food for thought.

Maybe you think all Swedes are blond, beautiful, rich and gravely serious. RADIO SWEDEN INTERNATIONAL also talks to those modern Vikings who are dark, ugly, poor and truly funny.

Tune in to one of our numerous half-hour transmissions on the medium and shortwave bands in Swedish, English, German, French, Spanish, Portuguese or Russian.

Send us a note or postcard asking for our free schedule.

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S-105 10 STOCKHOLM SWEDEN

16) R. Skaraborg, Box 163, 541 23 Skövde — Sun 1700, 1945. **V.** by QSL-card.
17) R. Värmland, Box 98, 651 03 Karlstad — Sun 1630, 1945. **V.** by QSL-card.
18) R. Örebro, Box 1800, 701 18 Örebro — Sun 1915. **V.** by QSL-card.
19) R. Dalarna, Box 123, 791 23 Falun — Sat 1600, Sun 0700, 1600, 1945. **V.** by QSL-card.
20) R. Gävleborg, Box 545, 801 07 Gävle — Sat 1600, Sun 0700, 1600. **V.** by QSL-card.
21) R. Västernorrland, Box 110, 871 01 Härnösand — Sun 1600. **V.** by QSL-card.
22) R. Jämtland, Box 2031, 831 02 Östersund — Sun 0700, 1600, 1945. **V.** by QSL-card.
23) R. Västerbotten, Box 4, 901 02 Umeå — Sun 1600, 1945. **V.** by QSL-card. Rp.
24) R. Norrbotten, Box 214, 951 23 Luleå — Sun 1600, 1945. Lappish: Wed 1615. **V.** by QSL-card.

**Närradio:** (Near Radio). Independent broadcasting for local populations. Any non-commercial organizations, whose main activity is other than broadcasting, may obtain a permit for near radio broadcasting. The transmitters are made available by the Telecommunications Administration at a nominal fee. Transmitter powers are very low, and these stations are not listed here.

### SVERIGES UTBILDNINGSRADIO AB (Swedish Educational Broadcasting Company) (Non-Comm Public Broadc. Sce).

**ADDR:** Post: S-115 80 Stockholm; Visitors: Tegeluddsvägen 23, Stockholm. **Te:** (08) 784 00 00 (Managing director, administration, pre-school, school programmes, adult education, University). Stockholmsvägen 30, Stocksund. **Te:** (08) 850420 (Engineering and studios). **Cable:** Broadcast.
**L.P:** Chmn. Board of Governors: B. Mogård. Man. Dir: B. Dahlqvist. Head of Prgrs: R. Svensson. Eng: T. Lyder. Inf: C. Smedberg. Sales Promotion: A. Benson. Int. Rel: E. Levin.
**Stations: FM:** See Swedish Radio.

## SWITZERLAND

**L.T:** UTC + 1h (Su: UTC + 2h) — **Pr.L:** German, Swiss German dialects, French, Italian, Romansch
**EC:** a/c 220/380V (generally) (yes).

### DIRECTION GENERALE DE L'ENTREPRISE DES PTT, Viktoriastr. 21, CH-3030 Berne. **Cable:** Gentel.

**L.P:** Pres. & Dir. Gen: Dr. H.W. Binz; Dir. Gen: Rudolf Trachsel, Ing. (PTT responsible for the technical aspects of transmission).

### SWISS BROADCASTING CORPORATION (+ SBC)

(A non-profit-making Comp. responsible for the radio & tv prgr. sce's).
**ADDR:** Schweizerische Radio-und Fernsehgesellschaft (SRG); Société suisse de radiodiffusion et télévision (SSR); Società Svizzera di Radiotelevisione (SSR); Giacomettistrasse 3, 3000 Berne 15. **Cable:** Radif. **Te:** (4131) 439111. **Telex:** 32116.
**L.P:** Pres. of the Board of Adm: Yann Richter. Dir. Gen: Prof. Dr. Leo Schürmann. Gen. Sec: Dr. Markus T. Drack. Dir. Finance: Dr. Jean-Bernard Münch. Dir. Prgr. Sces. (Radio and TV): Antonio Riva. Dir of Personnel: Dr. Marcel Küttel. Prgr. Dept/Foreign Rel. Radio and TV: Roy Oppenheim. Legal Dept: Beat Durrer. Press and Public Rel: Joe Wolf. Documentation: Dr. Emmanuel Belser. Schweizer Radio International, Radio Suisse Internationale, Swiss Radio International, SBC's European and Overseas Services, Giacomettistrasse 1, 3000 Berne 15. **Te:** (4131) 43 92 22.
**Telefonrundspruch, Telediffusion** (Swiss Wire Broadc. Net) Giacomettistrasse 1, 3000 Berne 15. **Te:** (4131) 43 93 33.
**L.P:** Dir: Swiss Radio International and Telediff: J. Curchod. Head Telediff: B. Bruni.
Swiss Broadc. Corpo. (SBC) comprises three reg. radio and tv societies, namely:

#### GERMAN LANGUAGE NETWORK

"Radio-und Fernsehgesellschaft der deutschen und der raeto romanischen Schweiz" (RDRS) (7 reg. societies, 3 radio studios and 1 TV studio).
**L.P:** Radio Prgr. Dir: Andreas Blum, Güterstrasse 91, 4053 Basel. **Te:** (4161) 353030. TV Prgr. Dir: Ulrich Kündig, Fernsehstrasse 1-4, 8052 Zürich. **Te:** (4101) 3056611. **Radio Studios:** R. Berne, Schwarztorstrasse 21, 3007 Berne. Mgr: Dr. Jakob Knaus; R. Bâle, Novarastrasse 2, 4024 Bâle. Mgr: Peter Wyss; R. Zürich, Brunnenhofstrasse 22, 8042 Zürich. Mgr: Josef Renggli.
**Mediumwaves:** (Prgr. 1): Beromünster 531kHz 500kW (daytime only), Sarnen 1566kHz 300kW (0500-0700, 1600-2400).

| FM (MHz) | I | II | III | kW |
|---|---|---|---|---|
| Bantiger | 88.2 | 93.2 | 101.7 | 0.6 |
| Celerina | 96.9 | 87.9 | | 0.75 |
| Feschel | 97.8 | 93.0 | 101.1 | 2.2 |
| Froburg | 98.7 | 96.0 | | 1.2 |
| Gebidem | 93.9 | 89.4 | | 1 |
| Geissholz | 95.4 | 88.2 | | 0.75 |
| Gotschnagrat | 89.4 | 97.8 | | 1.2 |
| Hornfluh | 87.9 | 96.0 | | 0.75 |
| Lenzerheide | 94.5 | 88.2 | | 1.5 |
| Niederhorn | 97.2 | 93.6 | 100.4 | 35 |
| Rigi | 90.9 | 96.6 | 101.3 | 30 |
| Ruschein | 97.5 | 96.4 | | 1.2 |
| St. Chrischona | 90.6 | 99.0 | 103.5 | 25 |
| Santis | 99.9 | 95.4 | 103.1 | 58 |
| Solothurn | 103.3 | 100.9 | | 1.5 |
| Sool | 94.8 | 99.0 | | 0.75 |
| Tarasp | 95.1 | 91.5 | | 0.5 |
| Uetilberg | 94.6 | 97.5 | 102.7 | 1.8 |
| Valzeina | 90.3 | 99.3 | 97.2 | 0.75 |

+ 73 low power st's not mentioned.

**1st Prgr:** 0500-2300 (Fri 0100). **Night Prgr:** 2300-0500. **N, Wrp, Current N. Items, Comm:** 0430 (Mon-Fri), 0500, 0530 (Mon-Fri), 0600, 0700, 0800, 0900, 1000, 1130, 1300, 1500, 1600, 1700, 1730, 1900, 2100, 2200, 2300.
**Local Broadc. in German:** 1705-1720. **Romansch:** Sun 1140-1200, 1810-1830; Mon-Fri 0900-1100, 1600-1630; Mon/Thurs 0830-0900; Wed 1915-2100; Sat 1100-1130, 1800-1830. **N. in Romansch:** 1820.
**2nd Prgr:** 0500-2300. **Night Prgr:** 2300-0500. **N:** 0430 (Mon-Fri), 0500, 0600, 0700 (Sun), 0800 (W), 0900 (W), 1000 (W), 1130, 1300, 1400 (Sun), 1500 (W), 1730, 1900 (Sat/Sun), 2200, 2300.
**3rd Prgr:** 0500-2300. **Night Prgr:** 2300-0500. **N:** 0430 (Mon-Fri), 0500, 0530 (Mon-Fri), 0600-2300 hourly; also 1130, 1730.
**ANN:** "Schweizer Radio DRS 1", "DRS 2" or "DRS 3".

#### FRENCH LANGUAGE NETWORK

"Société de Radiodiffusion et de Télévision de la Suisse Romande" (SRTR) (7 reg. societies, 2 radio studios, 1 TV studio).
**L.P:** Radio-TV Dir: René Schenker, 6 ave de la gare, 1001 Lausanne. **Te:** (4121) 205911. Radio Prgr. RSR1: Blaise Curchod; RSR2: Félix Bollmann; Maison de la Radio, 1010 Lausanne. **Te:** (4121) 217111; RSR3: Jean-François Acker, Studio de radiodiffusion, 66 Blvd. Carl Vogt, 1211 Genève 8. **Te:** (4122) 292333; TV Prgr. Dir: Jean Dumur, 20 quai Ernest Ansermet, 1211 Genève 8. **Te:** (4122) 293333. **Radio Studios:** R. Genève, 66 Blvd. Carl-Vogt, 1205 Genève; R. Lausanne, Maison de la Radio, 1010 Lausanne.

**Mediumwaves:** Sottens 765kHz 500kW, Savièse 1485kHz 1kW (Prgr. 1 0500-1900, Prgr. 2 1900-2300).

| FM (MHz) | I | II | III | kW |
|---|---|---|---|---|
| Bantiger | 95.1 | 99.3 | | 12 |
| Chamossaire | 93.3 | 96.3 | | 0.32 |
| La Chaux-de-Fonds | 96.3 | 87.6 | 101.0 | 1.5 |
| La Dôle | 94.8 | 91.2 | 100.7 | 45 |
| Feschel | 88.2 | 90.3 | | 2.2 |
| Hornfluh | 98.4 | 91.5 | | 0.75 |
| Les Ordons | 94.2 | 99.6 | 102.1 | 1.5 |
| Premier | 96.2 | 98.1 | | 1 |
| Ravoire | 99.3 | 95.7 | 103.5 | 1.2 |

+ 20 low power st's not mentioned.
**1st Prgr:** 0500-2300. **N, Wrp, Comm, Current N. Items:** On the h, also 1130.
**2nd Prgr:** 0500-2300. **N:** 1900, 2130, 2300.
**3rd Prgr:** "Couleur 3", non-stop music and N.
**ANN:** "Radio Suisse Romande".

#### ITALIAN LANGUAGE NETWORK

Società cooperativa per la radiotelevisione nella Svizzera Italiana (CORSI).
**L.P:** Reg. Radio-TV Dir: Cherubino Darani. Radio-TV Prgr. Dir: Bixio Candolfi. **Radio Studio:** R. Lugano, 6903 Lugano-Besso. **Te:** (4191) 585111. **TV studio:** 6903 Lugano-Comano. **Te:** (4191) 585111.

**Mediumwaves** (Prgr. 1): Cima di Dentro 558kHz 300kW.

| FM (MHz) | I | II | kW |
|---|---|---|---|
| Cardada | 97.8 | 91.3 | 0.6 |
| Grono | 99.6 | 94.8 | 1 |
| M. Ceneri-Passo | 96.9 | 89.4 | 0.75 |
| M. Morello | 96.3 | 88.8 | 0.75 |
| M. San Salvatore | 98.7 | 93.0 | 10 |
| Pizzo Matro | 97.2 | 90.0 | 0.37 |

+ 12 low power st's not mentioned.

**1st Prgr:** 0600-2300. **Night Prgr:** 2300-0600.
**N, Wrp. Comm, Current N. Items:** W 0100, 0600-1100 hourly, 1400, 1800, 2200, 2300; Sun 0600-1100 hourly, 1400, 1800, 2200, 2300.
**2nd Prgr:** 0600-2300. **N:** W 0600, 0700, 0900, 1200, 1400, 1600; Sun 0100, 0600, 0900, 1200, 1400.
**ANN:** "Radio della Svizzera Italiana".
**PUB:** Annual Report — **FI:** By licence fee; proceeds divided between the SBC and PTT at the rate of 70:30 per cent — **ALF:** Frcs. 87,- for sound broadcasting.

## FOREIGN SERVICES

### SWISS RADIO INTERNATIONAL

**ADDR:** Giacomettistrasse 1, CH 3000 Bern 15.
**L.P:** Dir. Joël Curchod. Deputy Dir. and Head of Staff and Adm: Brenno Bruni. Head, Prgr. Dept: Nicolas D. Lombard. Head, Tec. Dept: Paul Badertscher. Press Officer: W. Fankhauser.
**STATIONS:** Schwarzenburg (G.C: 07.24E/46.49N): 4×250kW, 2×100kW; Beromünster (G.C: 08.10E/47.12N): 2×250kW; Lenk (G.C: 07.26E/47.27N): 2×250kW; Sarnen (G.C: 08.15E/46.54N): 1×250kW; Sottens (G.C: 06.44E/46.39N): 1×500kW.

| kHz | kHz | kHz | kHz | kHz | kHz | kHz |
|---|---|---|---|---|---|---|
| 3985 | 9535 | 9725 | 12030 | 15430 | 17765 | 21520 |
| 6135 | 9560 | 9885 | 12035 | 15570 | 17795 | 21770 |
| 6165 | 9625 | 11870 | 15305 | 15585 | 17830 | |

**EUROPEAN SERVICE** (+ worldwide-omnidirectional): 0600 (Su: 0500)-2245 on 3985/6165kHz, 0600 (Su: 0500)-1815 on 9535kHz, 0900-1530 on 12030kHz. °)one hour earlier April-September, +) one hour later April-September.
**Swiss Country Music:** 0645°, 1300, 1515, 1800 (Wed/Sun), 2030 (Wed/Sun). **Music:** 0900-1030 (W).
**English:** 0700-0730, 1100-1130+, 1315-1345, 1530-1600, 1815-1845, 2145-2215. **N:** 0702, 1102+, 1317, 1532, 1817, 2247.
**German:** 0500-0515 (April-Sept), 0600-0615, 0830-0900 (Sun), 1200-1230°, 1345-1415, 1730-1800, 1845-1930, 2215-2245.
**N:** 0500 (April-Sept), 0600, 0832, 1202°, 1347, 1732, 1845, 2215.
**French:** 0515-0530 (April-Sept), 0615-0630, 0800-0830, 1030-1100 (April-Sept), 1130-1200, 1415-1445, 1600-1630, 1930-2000.
**N:** 0515 (April-Sept), 0615, 0802, 1032 (April-Sept), 1132, 1417, 1602, 1932.
**Italian:** 0530-0545 (April-Sept), 0630-0645, 0730-0800 (Sun), 1230-1300, 1445-1515, 1700-1730, 2000-2030.
**N:** 0530 (April-Sept), 0630, 0732, 1232, 1447, 1702, 2002.
**Multilingual** (French/German/Italian): Sun 0900-1030.
**Spanish:** 2115-2145. **N:** 2117.
**Portuguese:** 2045-2115. **N:** 2047.
**Arabic:** 1630-1700. **N:** 1632.
**Esperanto:** 1800-1815 & 2030-2045 (Mon/Thurs/Sat).
**Romansch:** 1800-1815 & 2030-2045 (Tues/Fri).

### OVERSEAS SERVICE

**Areas:** I = Africa; II = Far East and Australasia; III = Indian Subcontinent, So. Ea. Asia and Far East; IV = Middle East & Africa; V = So. America; VI = No. & Ce. America; VII = No. America (west coast). °)April-Sept. only. Behind frequencies in brackets: Antenna direction in degrees, clockwise from true north.
**NB:** The following schedule is valid until May 4th. From May 5th a completely new schedule with many time changes will take effect. Full details will be published in the May WRTH Newsletter.

| Times | Languages | Area | kHz/Beam |
|---|---|---|---|
| 0500-0515° | German | | 12030 (200) |
| 0515-0530° | French | I | 15430 (170) |
| 0530-0545° | Italian | | 15585 (140) |
| 0600-0615 | German | | |
| 0615-0630 | French | | |
| 0630-0645 | Italian | | |
| 0700-0730 | **English** | | 9560 (260) |
| 0730-0800 | Italian | | 15305 (245) |
| 0800-0830 | French | II/III | 15570 (50) |
| 0830-0900 | German | | 21520 (80) |
| 0900-0930 | **English** | | |
| 1030-1100° | French | | 15430 (200) |
| 1100-1130 | **English** | | 17795 (185) |
| 1130-1200 | French | I | 21520 (140) |
| 1200-1230 | German | | 21770 (170) |
| 1230-1300 | Italian | | |
| 1315-1345 | **English** | | 11870 (80) |
| 1345-1415 | German | | 15570 (50) |
| 1415-1445 | French | III/VI | 15585 (80) |
| 1445-1515 | Italian | | 17830 (80) |
| 1530-1600 | Portuguese | V | 17765 (230) |
| 1530-1600 | **English** | IV | 12035 (170) |
| | | | 15430/17830 (125) |
| 1600-1630 | French | | 12035 (170) |
| 1630-1700 | Arabic | | 15430 (125) |
| 1700-1730 | Italian | IV/V | 17765 (230) |
| 1730-1800 | German | | 17830 (125) |
| 1815-1845 | **English** | | 9535 (170) |
| 1845-1930 | German | | 9885 (165) |
| 1930-2000 | French | I | 11870 (200) |
| 2000-2030 | Italian | | 12035 (140) |
| 2045-2115 | Portuguese | | 9535 (165) |
| 2115-2145 | Spanish | I/V | 9885 (140) |
| 2145-2215 | **English** | | 12035 (200) |
| 2215-2245 | German | | 15570 (230) |
| 2300-2330 | Portuguese | | 9625 (260) |
| 2330-2400 | German | | 9885 (230) |
| 0000-0030 | French | V | 12035 (230) |
| 0030-0100 | Italian | | 15570 (230) |
| 0100-0130 | Spanish | | |
| 0145-0215 | **English** | | 6135 (305) |
| 0215-0245 | Spanish | VI | 9725 (305) |
| 0245-0315 | German | | 9885 (305) |
| 0315-0345 | French | | 12035 (305) |
| 0345-0415 | Italian | | |
| 0430-0500 | **English** | | |
| 0500-0530 | Italian | VII | 9725 (320) |
| 0530-0600 | German | | 12035 (320) |
| 0600-0630 | French | | |

### Programmes

**English/German/French/Italian/Spanish/Portuguese/Arabic:** All tr's begin with TS and News.

**Monday-Friday:** News, comment and current affairs as they happen in Switzerland and around the world.

**Saturday and Sunday:** Cultural and documentary prgrs. (Insight into fundamental aspects of political, economic and cultural life in Switzerland, special music prgrs, request prgrs, etc).


## REVIEW OF INTERNATIONAL BROADCASTING

**The** magazine for Shortwave Listeners—advance program schedules, listener comments, equipment news, frequency schedule of English broadcasts, DX news, monitoring reports. **SAMPLES:** $1.50 in North America, 8 IRC's elsewhere. **12 Issue Subscription:** $18.00 by first class in North America. **Overseas Airmail:** $22.00 to Caribbean area; $24.00 to Europe & South America; $26.00 elsewhere. Remittances must be in U.S. funds, drawn on a U.S. bank.

**Glenn Hauser, Review of International Broadcasting**
Box 490756, Fort Lauderdale, FL 33349, U.S.A.

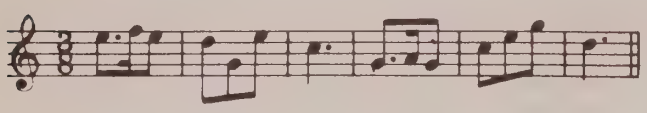
**Romansch:** Special prgr. about life in Switzerland's Romansch-speaking region.

**Esperanto:** Short prgr. on various Swiss and international topics.

**DX-Programme:** "Swiss Shortwave Merry-Go-Round" (English): 2nd and 4th Saturday. (occ. 5th Saturday).

**Sunspot Numbers:** Broadcst during the "Swiss Shortwave Merry-Go-Round".

**INT-SIG:** "Luegid vo Bärg und Tal" — Trad. Swiss-German folk song, played on a music box.



**V.** Re. to Swiss Radio International, CH-3000 Berne 15, Switzerland. IRC if airmail reply required (B) — **PUB:** Programme schedule twice a year, in spring and autumn; report cards and report sheets (airletters) free upon request.

### LOCAL FM STATIONS

The Swiss Govt. has approved a total of 36 FM-st's operating under strict conditions. The maximum power is 0.3kW. Already operating are the following (freq in MHz given in brackets): **Basel:** R. Basilisk (100.6), R. Raurach (102.9) — **Berne:** R. Extra-BE (97.7), R. Förderband (96.7) — **Bienne:** Canal 3 (89.5/98.8) — **Delémont:** Fréquence-Jura (103.9) — **Geneva:** R. Genève Info et Musique (88.3) — **Lausanne:** Radio L (92.0) — **Lucerne:** R. Pilatus (99.5) — **Martigny:** R. Martigny (90.8) — **Neuchâtel:** Radio Télé-Neuchâtel (90.4) — **Schaffhausen:** R. Munot (95.7) — **Winterthur:** R. Eulach (102.1) — **Zermatt:** R. Matterhorn (96.0) — **Zug:** R. Sunshine (93.1) — **Zurich:** R. 24 (101.8), R. Z (101.1), Alternativ Lokal Radio (88.1), R. Riesbach (100.3), R. Zürisee (103.5).
Additionally, some st's in France and Italy are beaming prgrs into Switzerland.

### UNITED NATIONS BROADCASTING FROM GENEVA

**ADDR:** R. des Nations Unies, Palais de Nations, Geneva. **Cable:** Omnipress. **Telex:** 28 96 96. **Te:** 346011. Ext. 2324/2566.
**L.P:** Dir. Inf: T. Gastaut. Dep. Dir. Inf. and Chief Radio Services: G. Grégoire. Chief Visual Prod: F. Séguillon.
**FOREIGN SCE:** Russian (Mon-Fri) on 14500kHz (4UZ USB) 1830-1840—UN prgr. in Arabic (Mon only 1920-1930) on 9575/11800/15245kHz (via RAI).
**ANN:** E. "This is United Nations R. in Geneva". F: "Ici la R des Nations Unies à Genève"
**V.** by QSL-card (B).

### BROADCASTS FROM THE INTERNATIONAL COMMITTEE OF THE RED CROSS, GENEVA

**ADDR:** Red Cross Broadcasting Service, 17 Ave de la Paix, 1211 Geneva. **Te:** (022) 346001. **Cable:** Intercroixrouge **Telex:** 22269.
**L.P:** Monique Pilkiewicz, producer.
**In Peace Time:** ICRC organises test transmissions, broadcasting Red Cross news, by courtesy of the Swiss postal and radio authorities on 7210kHz on the last Sun of each month as follows: 1100-1130 English, 1130-1200 French, 1200-1220 German, 1220-1240 Spanish. Prgrs repeated the following day at 1700-1840.
**Beamed Transmissions:** On the last Sun of each month to Africa in English/French/Portuguese, to Asia in English/French, to Ce. America in Spanish; On the Fri preceding last Sun. of the Month to No. Africa and the Middle East in Arabic. (Schedule available on request).
**In times of major crisis:** ICRC broadcasts information on prisoners of war and civilians on 7210kHz and others lent by the Swiss authorities, up to 12 hours per day.
**ANN:** E: "This is Geneva—Red Cross Broadcasting Service". F: "Ici Genève—Service de Radiodiffusion de la Croix-Rouge Internationale". Sp: "Aqui Ginebra — Servicio de Radiodifusión de la Cruz Roja Internacional". G: "Hier ist der Rundfunkdienst des Internationalen Roten Kreuzes in Genf". P: "Aqui Genebra, Servico de Radiodifusão do Comite Internacional da Cruz Vermelha".
**V.** by QSL-card. IRC appreciated. (B).

## UNITED KINGDOM

**L.T:** UTC (Su: UTC + 1h) — **Pr.L:** English — **E.C:** a/c 50, 240/415V (yes).

### THE BRITISH BROADCASTING CORPORATION

The BBC is an independent body created by a Royal Charter and operated under a licence and agreement with the Minister Exercising functions under the Wireless Telegraphy Acts.
**ADDR:** Broadc. House, London W1A 1AA. **Te:** 01-580-4468.
**Telex:** 265781. **Cable:** "Broadcasts".
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**Controllers:** Contr. Resources Dev. & Eng. (TV): D.P. Thomas; Contr. BBC-1 TV: Michael Grade; Contr. BBC-2 TV: G. McDonald; Contr. Pers. TV: R.G. Johnson; Dep. Man. Dir. Radio: C.J. McClelland; Contr. Radio 1: C.D. Chinnery; Contr. Radio 2: B. Marriott. Contr. Radio 3: I.J. McIntyre; Contr. Radio 4: D.E. Hatch. Contr. Music: R.N. Ponsonby; Contr. Educational Broadc: Sheila Inns; Contr. European Sces: P.J. Fraenkel; Contr. Overseas Sces: M.W. Dodd; Contr. Admin. Ext. Sces: C.H.R. Bell; Contr. Public Affairs & Int. Rel: D. Barlow. Gen. Man. Pub's: J.G. Holmes; Legal Adviser: B.A. Jennings; Dep. Dir. Eng: G.D. Cook; Chief Eng. Radio; C.W. Dennay; Chief Eng. Ext. Broadc: A.E. Gallon; Chief Eng. Regions: B.J. Slamin; Chief Eng. Ext. Rel: D.R. Morse; Chief Eng. Transmissions: D. East. **Regional Controllers:** Scotland: P.E.B. Chalmers; Wales: G.S. Jones; N. Ireland: J. Hawthorne; English Regional TV: M. Alder.

**RADIO 1 (Pop & Rock Music Prgr):**

| Mediumwaves | kHz | kW | | kHz | kW |
|---|---|---|---|---|---|
| Barnstaple | 1053 | 1 | Start Point | 1053 | 100 |
| Barrow | 1053 | 1 | Brookmans Park | 1089 | 150 |
| Bexhill | 1053 | 2 | Fareham | 1089 | 1 |
| Brighton | 1053 | 2 | Lisnagarvey | 1089 | 10 |
| Burghead | 1053 | 20 | Moorside Edge | 1089 | 150 |
| Droitwich | 1053 | 150 | Redmoss | 1089 | 2 |
| Dundee | 1053 | 1 | Redruth | 1089 | 2 |
| Enniskillen | 1053 | 1 | Tywyn | 1089 | 1 |
| Folkestone | 1053 | 1 | Washford | 1089 | 50 |
| Hull | 1053 | 1 | Westerglen | 1089 | 50 |
| Londonderry | 1053 | 1 | Whitehaven | 1089 | 1 |
| Postwick | 1053 | 10 | Wallasey | 1107 | 0.5 |
| Stagshaw | 1053 | 50 | Bournemouth | 1485 | 2 |

**D.PRGR:** On MW: 0600-0005; On FM (see below): Mon-Fri 2200-2400, Sat 1300-1930, Sun 1700-2400. **N:** Mon-Fri 0630-2130 every h on the half h, 2400; Sat 0630-1230 every h on the half h, 1430, 1530, 1730, 1930, 2130, 2400; Sun 0630-1130 every h on the half h, 1430, 1530, 1700, 1930, 2130, 2400.

**RADIO 2: Light Music, Information & Sports Prgr.**

| Mediumwaves | kHz | kW | | kHz | kW |
|---|---|---|---|---|---|
| Barrow | 693 | 1 | Brookmans Park | 909 | 140 |
| Bexhill | 693 | 1 | Clevedon | 909 | 50 |
| Brighton | 693 | 1 | Exeter | 909 | 1 |
| Burghead | 693 | 50 | Fareham | 909 | 1 |
| Droitwich | 693 | 150 | Lisnagarvey | 909 | 10 |
| Enniskillen | 693 | 1 | Londonderry | 909 | 1 |
| Folkestone | 693 | 1 | Moorside Edge | 909 | 200 |
| Postwick | 693 | 10 | Redruth | 909 | 2 |
| Redmoss | 693 | 1 | Westerglen | 909 | 50 |
| Stagshaw | 693 | 50 | Whitehaven | 909 | 1 |
| Start Point | 693 | 50 | Tywyn | 990 | 1 |
| Bournemouth | 909 | 1 | | | |

**D.PRGR:** On MW: 24h; On FM (see below): Mon-Fri 0000-2200, Sat 0000-1300 & 1930-2400, Sun 0000-1700 (Different prgrs on MW and FM at certain times, mostly for sports coverage). **N:** Mon-Fri on the h. Also 0530, 0630, 0730, 0830; Sat on the h. exc. 1400-

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**RADIO 3: Serious Music, Cultural & Educational Prgr.**

| Mediumwaves | kHz | kW | | kHz | kW |
|---|---|---|---|---|---|
| Bournemouth | 1197 | 0.5 | Londonderry | 1215 | 0.25 |
| Cambridge | 1197 | 0.2 | Moorside Edge | 1215 | 100 |
| Enniskillen | 1197 | 1 | Newcastle | 1215 | 2 |
| Torbay | 1197 | 0.5 | Plymouth | 1215 | 1 |
| Brighton | 1215 | 1 | Postwick | 1215 | 1 |
| Brookmans Park | 1215 | 50 | Redmoss | 1215 | 2 |
| Burghead | 1215 | 20 | Redruth | 1215 | 2 |
| Droitwich | 1215 | 30 | Tywyn | 1215 | 1 |
| Fareham | 1215 | 1 | Washford | 1215 | 60 |
| Hull | 1215 | 0.3 | Westerglen | 1215 | 50 |
| Lisnagarvey | 1215 | 10 | | | |

**D.PRGR:** 0655-2400 (MW and FM carry different prgrs at certain times, mostly for cricket coverage). **N:** 0700, 0800, 0900, 1300 (W), 1655 (Mon-Fri), 2357—**Wrp:** 0655.

**RADIO 4 UK: Spoken Word, Current Affairs & Music Prgr.**

| | kHz | kW | | kHz | kW |
|---|---|---|---|---|---|
| Burghead | 200 | 50 | Londonderry | 720 | 0.25 |
| Droitwich | 200 | 400 | Redruth | 756 | 2 |
| Westerglen | 200 | 50 | Enniskillen | 774 | 1 |
| Newcastle | 603 | 2 | Plymouth | 774 | 1 |
| Lisnagarvey | 720 | 10 | Redmoss | 1449 | 2 |
| London (Lots Rd.) | 720 | 0.5 | Carlisle | 1485 | 1 |

**D.PRGR:** 0600 (Sat/Sun 0625)-0023 (approx). **N:** Mon-Fri 0600-0830 half-hourly, 0900-1500 on the h, 1700, 1800, 1900, 2230, 2300 (LW), 2400; Sat 0630, 0700-0900 & 1200-1500 on the h, 1800, 2200, 2400; Sun 0630, 0700 (LW), 0800, 0900, 1300, 1400, 1600 (LW), 1700 (LW), 1800, 2100, 2200, 2400 **Wrp:** Mon-Fri 0602, 0625, 0655, 0755, 0857, 1255, 1657, 1755, 2229, 0010; Sat 0625, 0655, 0755, 0857, 1255, 1755, 2159, 0010; Sun 0655, 0755, 0855, 1255, 1755, 2158, 0010 — **Inshore waters forecast:** Daily 0015 — **Shipping forecast** (on 200kHz only): 0625, 1355, 1750, 0015 — **Big Ben:** 1800, 2200 (Sat/Sun), 2400.

| FM +) stereo | | | | kW |
|---|---|---|---|---|
| **England** | **R.1/2** | **R3°** | **R4*** | **ERP** |
| Barnstaple | 88.5+ | 90.7+ | 92.9+ | 1 |
| Belmont | 88.8+ | 90.9+ | 93.1+ | 8 |
| Bristol | 89.3+ | 91.5+ | 93.7+ | 1.3 |
| Chatton | 90.1+ | 92.3+ | 94.5+ | 5.6 |
| Douglas | 88.4+ | 90.6+ | 92.8+ | 12 |
| Guildford | 88.1+ | 90.3+ | 92.5+ | 3 |
| Holme Moss | 89.3+ | 91.5+ | 93.7+ | 240 |
| Les Platons | 91.1+ | 94.75+ | 97.1+ | 16 |
| Morecambe Bay | 90.0+ | 92.2+ | 94.4+ | 11 |
| North Hessary Tor | 88.1+ | 90.3+ | 92.5+ | 60 |
| Oxford | 89.5+ | 91.7+ | 93.9+ | 22 |
| Peterborough | 90.1+ | 92.3+ | 94.5+ | 44 |
| Pontop Pike | 88.5+ | 90.7+ | 92.9+ | 60 |
| Redruth | 89.7+ | 91.9+ | 94.1+ | 9 |
| Rowridge | 88.5+ | 90.7+ | 92.9+ | 60 |
| Sandale | 88.1+ | 90.3+ | 94.7+ | 120 |
| Sutton Coldfield | 88.3+ | 90.5+ | 92.7+ | 240 |
| Swingate (Dover) | 90.0+ | 92.4+ | 94.4+ | 10 |
| Tacolneston | 89.7+ | 91.9+ | 94.1+ | 120 |
| Wenvoe | 89.9+ | 92.1+ | 94.3+ | 240 |
| Wrotham | 89.1+ | 91.3+ | 93.5+ | 240 |

+63 low power tr's less than 1kW.

*) Mostly as R4 UK, exc. separate prgrs. Mon-Fri 0625-0630, 1255-1300, 1750-1755. Also carries educational prgrs. at certain times. — °) carries educational prgrs outside normal hours.

**BBC Local Radio**

| | Station (r=relay) | kHz | kW | MHz | kW |
|---|---|---|---|---|---|
| 1) | R. Cornwall (Redruth) | 630 | 2 | 96.4+ | 9 |
| 31) | R. Bedfordshire (Luton) | 630 | 0.3 | | |
| 1) | Bodmin (r) | 657 | 0.5 | | |
| 1) | Caradon Hill (r) | | | 95.2+ | 4.3 |
| 1) | Isles of Scilly (r) | | | 97.3+ | 0.06 |
| 2) | R. York | 666 | 0.5 | 90.2+ | 1.1 |
| 2) | Oliver's Mount (r) | | | 97.2+ | 0.25 |
| 3) | R. Cumbria | 756 | 1 | 95.6 | 5 |
| 32) | R. Shropshire | 756 | 1 | 96.0 | 5 |
| 32) | Ludlow (r) | | | 95.0 | 0.01 |
| 4) | R. Leeds | 774 | 0.5 | 92.4+ | 5.2 |
| 4) | Wharfedale (r) | | | 95.3+ | 0.04 |
| 14) | Littlebourne (r) | 774 | 0.7 | | |
| 5) | Barnstaple (r) | 801 | 2 | | |
| 6) | Wolverhampton (r) | 828 | 0.2 | | |
| 7) | R. Furness | 837 | 1 | 96.1 | 3.2 |
| 8) | R. Leicester | 837 | 0.7 | 95.1+ | 0.3 |
| 5) | R. Devon | 855 | 1 | 97.5+ | 5 |
| 5) | Okehampton (r) | | | 96.2+ | 0.07 |
| 9) | R. Lancashire | 855 | 0.5 | 96.4 | 1.6 |
| 10) | R. Norfolk | 855 | 1 | 95.1+ | 5.7 |
| 10) | We. Norfolk (r) | 873 | 0.25 | 96.7+ | 4.2 |
| 5) | Exeter (r) | 990 | 1 | 97.0+ | 0.4 |
| 11) | R. Solent | 999 | 1 | 96.1 | 5 |
| 12) | R. Cambridgeshire | 1026 | 0.5 | 96.0+ | 1 |
| 13) | R. Jersey | 1026 | 1 | 88.8 | 4 |
| 14) | R. Kent | 1035 | 0.5 | 96.7 | 9 |
| 14) | Swingate (r) | | | 102.6 | 10 |
| 15) | R. Sheffield | 1035 | 1 | 97.4+ | 5.2 |
| 15) | Sheffield (r) | | | 88.6+ | 0.16 |
| 16) | R. Northampton | 1107 | 0.5 | 96.6+ | 4 |
| 16) | Geddington (r) | | | 103.3+ | 0.8 |
| 17) | R. Derby | 1116 | 1 | 96.5 | 5.5 |
| 17) | Derby (r) | | | 94.2 | 0.01 |
| 18) | R. Guernsey | 1116 | 0.5 | | |
| 31) | R. Bedfordshire (Bedford) | 1161 | 0.08 | 103.1 | 0.02 |
| 19) | Bexhill (r) | 1161 | 1 | | |
| 2) | Scarborough (r) | 1260 | 0.5 | | |
| 29) | Taunton (r) | 1323 | 1 | | |
| 11) | Bournemouth (r) | 1359 | 0.25 | | |
| 20) | R. Lincolnshire | 1368 | 2 | 94.9+ | 1.4 |
| 12) | Peterborough (r) | 1449 | 0.1 | 103.9+ | 5 |
| 6) | R. WM | 1458 | 7 | 95.6 | 11.4 |
| 3) | Whitehaven (r) | 1458 | 0.5 | | |
| 21) | R. Newcastle | 1458 | 2 | 95.4 | 10 |
| 21) | Chatton (r) | | | 96.3 | 5.6 |
| 22) | R. London | 1458 | 50 | 94.9+ | 2 |
| 23) | R. Manchester | 1458 | 5 | 95.1+ | 4.2 |
| 5) | Torquay(r) | 1458 | 1 | | |
| 5) | Huntshaw Cross (r) | | | 103.9+ | 0.7 |
| 19) | R. Sussex | 1485 | 1 | 95.3+ | 1 |
| 19) | Heathfield (r) | | | 103.1+ | 10 |
| 24) | R. Humberside | 1485 | 1.5 | 96.9 | 9 |
| 25) | R. Oxford | 1485 | 0.5 | 95.2 | 4.5 |
| 26) | R. Merseyside | 1485 | 2 | 95.8+ | 7.5 |
| 27) | R. Stoke-on-Trent | 1503 | 1 | 94.6+ | 6 |
| 28) | R. Nottingham | 1521 | 0.25 | 95.4+ | 0.3 |
| 29) | R. Bristol | 1548 | 5 | 95.5 | 9 |
| 29) | Bristol (r) | | | 104.4 | 1 |
| 29) | Bath (r) | | | 102.2 | 0.25 |
| 30) | R. Cleveland | 1548 | 1 | 96.6+ | 5 |
| 30) | Whitby (r) | | | 95.8+ | 0.04 |
| 9) | Lancaster (r) | 1557 | 0.25 | 103.3 | 2 |
| 28) | Mansfield (r) | 1584 | 1 | | |
| 14) | Rusthall (r) | 1602 | 0.25 | | |

**Addresses:**

1) Phoenix Wharf, Truro, Cornwall TR1 1UA.
2) 20 Bootham Row, York YO3 7BR.
3) Hilltop Heights, London Rd, Carlisle, Cumbria CA1 2NA.
4) Broadcasting House, Woodhouse Lane, Leeds LS2 9PN.
5) P.O. Box 5, Plymouth PL1 1XT; P.O. Box 100, Exeter EX4 4DB.
6) P.O. Box 206, Pebble Mill Rd, Birmingham B5 S7D.
7) Broadcasting House, Hartington Str, Barrow-in-Furness, Cumbria CA14 5FA. (Own prgrs and rel. R. Cumbria).
8) Epic House, Charles Str, Leicester LE1 3SH.
9) King Str. Blackburn, Lancs BB2 2EA.
10) Norfolk Tower, Surrey Str, Norwich NR1 3PA.
11) South Western House, Canute Rd, Southampton, SO9 4PJ.
12) Broadcasting House, Hills Rd, Cambridge CB2 1LD.
13) Broadcasting House, Rouge Bouillon, St. Helier, Jersey.
14) 30 High Str, Chatham, Kent ME4 4EZ.
15) Ashdell Grove, 60 Westbourne Rd, Sheffield S10 2QU.
16) P.O. Box 1107, Northampton.
17) 56 St. Helens Str, Derby DE1 3HY.
18) Commerce House, Les Banques, St. Peter Port, Guernsey.
19) Marlborough Place, Brighton, Sussex BN1 1TU.
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24) 63 Jameson Str, Hull HU1 3NU.
25) 242/254 Banbury Rd, Summertown, Oxford OX2 7DW.
26) 55 Paradise Str, Liverpool L1 3BP.
27) Conway House, Cheapside, Hanley, Stoke-on-Trent, Staffs ST1 1JJ.
28) York House, Mansfield Rd, Nottingham NG1 3JB.
29) P.O. Box 194, Bristol BS99 7QT.
30) 91/93 Linthorpe Rd, Middlesborough, Cleveland TS1 5DG.
31) St. due on air in 1985.
32) St. due on air in 1985.

**D.PRGR:** Times vary from a few hours up to 18h daily depending on size of st. Tr's generally relay R2 when not carrying own prgrs.
**V.** by QSL-card or letter. Reports to Engineer-in-Charge.

## BBC RADIO SCOTLAND

**ADDR:** Broadcasting House, Queen Margaret Drive, Glasgow G12 8DG.
**MEDIUMWAVES: 810kHz:** Burghead 100kW, Westerglen 100kW, Redmoss 5kW — **R. Aberdeen:** 990kHz 1kW — **R. Solway:** 585kHz 2kW.

| FM +) stereo | R.1/2 | R.3 | RS | RS/L | kW |
|---|---|---|---|---|---|
| Ashkirk | 89.1+ | 91.3+ | | 93.5+g | 18 |
| Bressay | 88.3 | 90.5 | | 92.7abc | 10 |
| Forfar | 88.3+ | 90.5+ | | 92.7+ | 10 |
| Fort William | 89.3 | 91.5 | 98.9 | 93.7d | 1.5 |
| Glengorm | 89.5 | 91.7 | 99.1 | 93.9d | 1.1 |
| Keelylang Hill | 89.3+ | 91.5+ | | 93.7+ab | 40 |
| Kirk O'Shotts | 89.9+ | 92.1+ | | 94.3+ | 120 |
| Meldrum | 88.7+ | 90.9+ | | 93.1+a | 60 |
| Melvaig | 89.1 | 91.3 | 98.7 | 93.5de | 22 |
| Oban | 88.9 | 91.1 | 98.5 | 93.3d | 5 |
| Rosemarkie | 89.6+ | 91.8+ | | 94.0+d | 12 |
| Rumster Forest | 90.1+ | 92.3+ | | 94.5+d | 12.6 |
| Sandale | 88.1+ | 90.3+ | | 92.5+f | 120 |
| Skriaig | 88.5 | 90.7 | 98.1 | 92.9de | 10 |
| So. Knapdale | 89.3+ | 91.5+ | 98.9 | 93.7+ | 1.1 |

+ 80 low power tr's less than 1kW.
RS = R. Scotland (basic sce) — RS/L = R. Scotland + alternative & local prgrs — a) R. Aberdeen — b) R. Orkney — c) R. Shetland — d) R. Highland — e) R. nan Eilean — f) R. Solway — g) R. Tweed.
**D.PRGR:** 0600 (Sat/Sun 0630)-0023 (approx). Own prgrs on 810kHz + RS freqs: Mon-Fri 0610-1300, 1340-1402, 1635-1800, 1830-1920, 2200-2400; Sat 0740-1800, 1815-1935; Sun 0755-1705, 1750-1800. Other times relay R4 UK. **FM:** as 810kHz exc. separate prgrs on RS/L freqs: Mon-Fri 0600-0720, Sat 1330-1400, Sun 1530-1600. Rel. R4 UK Mon-Fri 2330-0023, Sun 1600-1800.
**V.** by QSL-card.

**Local Services** (Mon-Fri only). Freqs as above.
a) Beachgrove Terrace, Aberdeen AB9 2ZT. 0810-0845, 1300-1400, 1735-1800 — b) Commercial Assurance Bldg, Castle Str, Kirkwall, Orkney. 0810-0845 — c) Brentham House, Lerwick, Shetland ZE1 0LR. 1735-1800 — d) 7 Culduthel Rd, Inverness IV2 4AD. 0645-0700, 0755-0845, 1200-1230, 1300-1335, 1735-1800 — e) Rosebank House, Church Str, Stornoway, Lewis PA7 2LS. 0810-0830, 1700-1735 (irr.) — f) Lovers Lane, Dumfries. 0730-0800, 1300-1340 — g) Old Municipal Bldg, Selkirk. 0730-0800, 1732-1800.

## BBC RADIO WALES/RADIO CYMRU

**ADDR:** Broadcasting House, Llandaff, Cardiff CF5 2YQ.
**Mediumwaves: 882kHz:** Penmon 10kW, Tywyn 5kW, Washford 70kW.

| FM +) stereo | R.1/2 | R.3 | R. Cymru | kW ERP |
|---|---|---|---|---|
| Blaenplwyf | 88.7+ | 90.9+ | 93.1+ | 60 |
| Carmel | 88.4+ | 90.6+ | 92.8+ | 3.2 |
| Haverfordwest | 89.3+ | 91.5+ | 93.7+ | 10 |
| Kilvey Hill | 89.5+ | 91.7+ | 93.9+ | 1 |
| Llanddona | 89.6+ | 91.8+ | 94.0+ | 24 |
| Llandrindod Wells | 89.1+ | 91.3+ | 93.5+ | 1.5 |
| Llangollen | 88.9+ | 91.1+ | 93.3+ | 22 |
| Wenvoe | 89.9+ | 92.1+ | 96.8+ | 240 |

+ 69 low power tr's less than 1kW.

**D.PRGR: R. Wales** on 882kHz: 24h. Own prgrs: Mon-Fri 0630-1340, 1355-1400, 1645-1800; Sat 0630-1330, 1700-1800, 1815-1855; Sun 0810-1430, 1600-1700, 1705-1800, 1815-1845 (as R. Cymru Sun 1630-1700, 2000-2400). Other times rel. R.2 or R.4 prgrs.
**R. Cymru** on FM: 0600 (Sat/Sun 0625)-0033. Own prgrs in Welsh: Mon-Fri 0625-1340, 1355-1400, 1700-1800; Sat 0740-1300, 1800-1815 (rel. R. Wales 1700-1800); Sun 0755-1400, 1600-1800, 2000-2200, 2300-2315 (rel. R. Wales 1400-1430, 1815-1845). Other times rel. R.4 prgrs.
**V.** by letter.

## BBC R. Clwyd

**Addr:** The Old School House, Glamrafon Rd, Mold.
**Station:** Wrexham 657kHz 2kW.
**D.Prgr:** Mon-Fri 0900-0930, 1910-1930, 2010-2030. Other times rel. R. Wales — **V.** by letter.

## BBC R. Gwent

**Addr:** Powys House, Cwmbran, Gwent
**Stations:** Christchurch 103.0MHz 0.5kW, Blaenavon 95.1MHz 0.01kW.
**D.Prgr:** Mon-Fri 0710-0730, 0810-0830, 0930-1000.

## BBC RADIO ULSTER

**ADDR:** Broadcasting House, Ormeau Avenue, Belfast BT2 8HQ.
**Mediumwaves:** Enniskillen 873kHz 1kW; Lisnagarvey 1341kHz 100kW.

| FM +) stereo | R.1/2 | R.3 | R. Ulster | kW ERP |
|---|---|---|---|---|
| Brougher Mountain | 89.4+ | 91.6+ | 93.8+ | 10 |
| Divis | 90.1+ | 92.3+ | 94.5+ | 60 |
| Londonderry | 88.3+ | 90.5+ | 92.7+h | 13 |

+ 18 low power tr's less than 1kW — h) R. Foyle (see below).
**D.PRGR:** On MW: 24h. Own prgrs: Mon-Fri 0600-1300, 1700-1800, 1830-1845, 2300-0012; Sat 0600-0950, 1030-1045, 1200-1700, 1735-1800, 2300-0012; Sun 0700-0800, 0910-1115, 1200-1300, 1700-1800, 1845-1930, 2300-0012. **FM:** as MW, exc. rel R.4: Mon-Fri 2300-2400; Sun 0715-0855 & 1600-1800.
**V.** by QSL-card.

## BBC R. Foyle

**Addr:** Carrickmore House, Rock Rd, Londonderry.
**Stations:** Londonderry 792kHz 1kW, 92.7MHz 13kW.
**D.Prgrs:** As R. Ulster MW or FM, exc. own prgrs: Mon-Fri 0733-0750, 0833-0855, 1340-1700.
**V.** Reports on national prgrs to Engineering Information Dept, BBC, London W1A 1AA. To all other sces, address reports to Engineer-in-Charge at local address.

## EXTERNAL SERVICES

**ADDR:** BBC, Bush House, London.
**LONG & MEDIUMWAVES:** Droitwich 200kHz 400kW; Orfordness 648/810/1296kHz 500kW.
**SHORTWAVES:** Daventry (G.C: 01.08W/52.15N): 4×250kW, 5×100kW tr's; Rampisham (G.C: 02.38W/50.48N): 4×500kW, 2×100kW tr's; Skelton (G.C: 02.55W/54.44N): 10×250, 13×100kW tr's; Crowborough (G.C: 00.06E/51.02N): 2×100kW tr's.
**Overseas Relay St's:** Berlin, W. Germany (B); Ascension Island (A); Lesotho (L); Cyprus (C); Masirah Island, Oman (E); Singapore (F); Sackville, Canada (S); Delano, USA (DL); Greenville, USA (G); Antigua (W). For details of freqs used by these st's, please refer to the separate listing for each st.

**Frequencies used by SW-tr's in the United Kingdom:**

| kHz | kHz | kHz | kHz | kHz | kHz | kHz |
|---|---|---|---|---|---|---|
| 3955 | 6140 | 7210 | 9625 | 11750 | 15215 | 17810 |
| 3970 | 6145 | 7230 | 9635 | 11780 | 15225 | 17825 |
| 3975 | 6150 | 7235 | 9640 | 11795 | 15245 | 17855 |
| 3995 | 6185 | 7255 | 9660 | 11835 | 15270 | 17865 |
| 5965 | 6195 | 7260 | 9710 | 11910 | 15310 | 18080 |
| 5975 | 7105 | 7295 | 9725 | 11925 | 15390 | 21470 |
| 5990 | 7120 | 7320 | 9735 | 11945 | 15435 | 21540 |
| 6010 | 7130 | 7325 | 9750 | 11955 | 15445 | 21550 |
| 6015 | 7140 | 9410 | 9760 | 11960 | 17695 | 21630 |
| 6030 | 7150 | 9530 | 9825 | 12040 | 17705 | 21640 |
| 6050 | 7155 | 9565 | 9915 | 12095 | 17715 | 21695 |
| 6085 | 7165 | 9600 | 11680 | 15070 | 17780 | 21700 |
| 6100 | 7170 | 9610 | 11715 | 15180 | 17790 | 21710 |
| 6110 | 7180 | 9615 | 11720 | 15205 | 17800 | 25650 |
| 6125 | 7185 | | | | | |

## EUROPEAN SERVICES

### Oct-March

| Bulgarian | kHz |
|---|---|
| 0430-0445 | 3975<br>6195 (C), 7210<br>6140, 9565 |
| 1630-1715 | 6050 (C), 9530<br>11945, 15390 |
| 2030-2115 | 6010, 6050 (C)<br>7210, 9635 |
| **Czech** | |
| 0515-0530 | 1296, 3975<br>6140, 7260<br>9760 (C) |
| 0615-0630 | 1296, 3975<br>6150, 7260<br>9825, 11945 (C) |
| 1430-1500<br>1415-1430<br>(Sun) | 7155, 9635<br>12040<br>15390 |
| 1830-1900 | 1296, 6125<br>7295, 9750<br>3975 |
| 2000-2030 | 1296, 3975<br>6125, 7130<br>9735 (C) |
| **English:** See World Sce. | |
| **English by Radio** | |
| 0530-0545* | 810, 3990 (C)<br>6150, 7235<br>7285 (C), 9750 |
| 0645-0700* | 648, 810, 1296<br>3955, 3975<br>6150, 6195<br>7260, 9825<br>11945 (C) |
| 0730-0745 | 1296, 3955<br>6195, 7230<br>9915 |
| 1215-1230<br>(Sun) | 1296, 6125 |
| 1230-1300 | 1296, 6125<br>6180 (C)<br>9635 (C)<br>9660, 11780<br>11795, 12040<br>15270, 15390<br>17695, 17800<br>21700 |
| 1745-1800* | 810, 648<br>3955, 6195<br>7165 |
| 1845-1900 | 6195 (C) |
| 2115-2145 | 6030 (C)<br>7140 (C) |
| 2230-2245 | 1296 |
| *) also on FM: 90.2MHz (B) | |
| **Finnish** | |
| 1500-1530<br>(Sun)<br>1515-1530a<br>1530-1600 | 7255, 9635<br>11780 |
| 1930-2000 | 5990, 7120<br>9600 |
| a) Mon/Wed/Thurs/Sat. | |
| **French** | |
| 0530-0545 | 648<br>3955, 6195 |
| 0630-0645 | 648, 3955<br>6195, 7230 |
| 1130-1200 | 648, 6125<br>9600, 11780 |
| 1800-1845 | 648, 3955<br>6195, 7165 |

### April-Sept

| Bulgarian | kHz |
|---|---|
| 0330-0345 | 3955, 6195,<br>7105 (C), 7325,<br>9750 |
| 1530-1615 | 9530 (C), 11925<br>15390, 17790 |
| 1930-2015 | 6050 (C), 7210<br>9635, 11780 |
| **Czech** | |
| 0415-0430 | 1296, 6140<br>7260, 9760<br>11865 (C) |
| 0515-0530 | 1296, 6140<br>7260, 9760<br>11805 (C) |
| 1330-1400<br>1315-1330<br>(Sun) | 9635<br>11925<br>15390, 17695 |
| 1730-1800 | 6125, 7180<br>9750, 11945 |
| 1900-1930 | 1296, 6125<br>7255, 9735<br>11925 (C) |
| **English:** See World Sce. | |
| **English by Radio** | |
| 0430-0445* | 810, 3955<br>3990 (C), 6010 (C)<br>7210, 9565<br>11945 |
| 0545-0600* | 810, 1296, 3955<br>6195, 7260<br>9825, 11945 |
| 0630-0645 | 1296, 3955<br>6195, 7230<br>9825 |
| 1115-1130<br>(Sun) | 1296, 6125 |
| 1130-1200 | 1296, 6125<br>6180 (C), 9610<br>9635 (C), 11680<br>11780, 11795<br>11835 (C), 15205<br>15270, 15390<br>15435 (C), 17695<br>17780, 17800<br>21695 |
| 1645-1700* | 648, 810<br>6195, 7165<br>9625 |
| 1845-1900 | 6070 (C) |
| 2115-2145 | 6030 (C)<br>7140 (C)<br>11925 (C) |
| 2130-2145 | 1296 |
| *) also on FM: 90.2MHz (B) | |
| **Finnish** | |
| 1400-1430<br>(Sun)<br>1415-1430a<br>1430-1500 | 9530, 11780<br>15245 |
| 1830-1900 | 7120, 9615<br>11960 |
| a) Mon/Wed/Thurs/Sat. | |
| **French** | |
| 0430-0445 | 648, 6195<br>7295 |
| 0530-0545 | 648, 3955<br>6195, 7210<br>9915 |
| 1030-1100 | 648, 6125<br>9600, 11780 |
| 1700-1745 | 648, 6195<br>7165, 9625 |

| German (Also on FM: 90.2MHz) | kHz |
|---|---|
| 0445-0530 | 810, 648<br>3955, 6195 |
| 0545-0600 | 810, 1296<br>3955, 6195 |
| 1615-1700 | 810, 1296<br>3955, 6195<br>9750 |
| 1900-2000 | 810, 648<br>3955, 6195<br>7295 |
| 2030-2115 | 648, 810<br>3955, 6195 |
| 2115-2130 | 90.2MHz only |
| **Greek** | |
| 1300-1315 | 9635(C),12040<br>15390, 17825 |
| 1945-2030 | 6010, 6050 (C)<br>7210, 9635<br>11780 |
| 2230-2300 | 3975, 6050 (C)<br>6125, 7210<br>9635 |
| **Hungarian** | |
| 0530-0545 | 1296, 3975<br>6140, 7260<br>9760 (C) |
| 0630-0645 | 1296, 3975<br>6150, 7260<br>9825, 11945 (C) |
| 1000-1030<br>(Sun) | 9610, 11680<br>15390 |
| 1215-1230 | 9635, 12040<br>15390, 17715 |
| 1400-1415 | 7155, 9635<br>12040, 15390 |
| 1900-2000 | 1296, 3975<br>6125, 7130<br>9735 (C) |
| 2200-2230 | 3975, 6125<br>7210, 9735 (C) |
| 2215-2230 | 1296 |
| **Polish** | |
| 0500-0515 | 1296, 3975<br>6140, 7260<br>9760 (C) |
| 0600-0615 | 1296, 3975<br>6150, 7260<br>9825, 11945 (C) |
| 0700-0715 | 3975, 6145<br>7295, 9825<br>11945 (C) |
| 1315-1330<br>1330-1345<br>(Sun) | 9635, 12040<br>15390, 17825 |
| 1500-1530 | 7155, 9530<br>12040, 15390 |
| 1730-1800 | 3975, 6125<br>7180, 9750 |
| 2030-2100 | 1296, 3975<br>6125, 7130<br>9735 (C) |
| 2100-2200 | 1296, 3975<br>6125, 7235<br>9735 (C) |
| 2200-2215 | 1296 |
| **Portuguese** | |
| 2030-2115 | 3970, 6030<br>7185, 9825 |
| 2315-2345 | 3955, 6030<br>7105, 6180 (C) |

| German (Also on FM: 90.2MHz) | kHz |
|---|---|
| 0345-0430 | 648, 810<br>3955, 6195 |
| 0445-0500 | 810, 1296<br>3955, 6195<br>7260, 9565 |
| 1515-1600 | 810, 1296<br>7295, 9530 |
| 1800-1945 | 648, 810<br>3955 (from 1900), 6195<br>9625 |
| 1945-2000 | 810 (+ Sat/Sun 648<br>3955, 6195<br>9625) |
| **Greek** | |
| 1200-1215 | 6180 (C)<br>9635 (C)<br>15390 |
| 1845-1930 | 17715, 21610<br>6050 (C), 7210<br>9635, 11780 |
| 2130-2200 | 6050 (C), 7210<br>9635, 11780 |
| **Hungarian** | |
| 0430-0445 | 1296, 6140<br>7260, 9760<br>11865 (C) |
| 0530-0545 | 1296, 6140<br>7260, 9760<br>11805 (C) |
| 0900-0930<br>(Sun) | 9610, 11680<br>15390, 17855 |
| 1115-1130 | 9610, 11680<br>15390, 17825 |
| 1300-1315 | 9635, 11925<br>15390, 17695 |
| 1800-1900 | 6125, 7295<br>9750, 11925 |
| 1830-1900 | 1296 |
| 2100-2130 | 6050 (C), 7210<br>9635, 11780 |
| **Polish** | |
| 0400-0415 | 1296, 6140<br>7260, 9760<br>11865 (C) |
| 0500-0515 | 1296, 6140<br>7260, 9760<br>11805 (C) |
| 0600-0615 | 6150, 7260<br>9825, 11945<br>15115 (C) |
| 1215-1230<br>1230-1245<br>(Sun) | 9635, 11680<br>15390, 17715 |
| 1400-1430 | 9635, 11925<br>15390, 17695 |
| 1630-1700 | 6125, 7295<br>9750, 11945 |
| 1930-2000 | 1296, 6125<br>7255, 9735<br>11925 (C) |
| 2000-2100 | 1296, 6125<br>7255, 9735<br>11925 (C) |
| 2100-2115 | 1296, 6125<br>7235, 9735<br>11925 (C) |
| **Portuguese** | |
| 2030-2115 | 6030, 7185<br>9825, 11715 |
| 2215-2245 | 6030, 7105<br>9530, 11715 |

| Romanian | kHz | Romanian | kHz |
|---|---|---|---|
| 0400-0415 | 3975, 6140 (C) 6195, 7210 9565 | 0300-0315 | 3955, 6195 7105 (C), 7140 9750 |
| 1530-1630 | 6050 (C), 9530 11945, 15390 | 1430-1530 | 11925, 15390 17790 |
| 1900-1945 | 6010, 6050 (C) 7210, 9635 | 1800-1845 | 6050 (C), 7210 9635, 11780 |

| Russian | | Russian | |
|---|---|---|---|
| 0345-0400 | 1296, 5965 6015, 6140 6195, 7170 7210, 7230 7260 (C) 9615 (C), 9710 | 0245-0300 | 1296, 5965 6015, 6195 7140 7210, 7260 (C) 9595, 9615 (C) 9725, 11725 (C) |
| 0445-0500 | 1296, 6010 6140, 7120 7210, 7230 7260 (C) 9580 (C), 9750 | 0345-0400 | 1296, 6015 6140, 7210 7230, 7260 9615, 9750 11865 (C) |
| 1130-1200 (Sun) | 12040, 15180 15205, 15435 17695, 17865 21540, 21630 21640 | 1030-1100 (Sun) | 11945, 15180 15205, 15270 15435 (C) 17695, 17825 17865, 21630 21640 |
| 1300-1330 | 11795, 15270 15435 (C) 17695, 21695 | 1200-1230 | 11795 11835 (C) 15205, 15270 15435 (C) 17695, 17780 21700 |
| 1600-1700 | 6125, 7255 9600, 9635 (C) 11780, 12040 15225, 15245 17780 (C) | 1500-1600 | 9635, 11780 12040, 15245 15445, 17695 17780 |
| 1700-1800 | 6085, 7120 9600, 9635 (C) 11780 11845 (C) 12040, 15245 | 1600-1700 | 9635, 11780 12040, 15225 15245, 17695 17780 (C) |
| 1700-1730 | 6125, 9750 | | |
| 1800-1900 | 3915 (F), 6085 7120, 9600 9635 (C) 11845 (C) | 1600-1630 | 11945 (C) |
| | | 1700-1800 | 9635, 11780 12040 11845 (C) 15245, 15310 17695 17780 (C) |
| 1900-2000 | 3915 (F) 6070 (C), 6085 7230 (C) 9750 (C) 9770 (F) 11845 (C) 11955 (F) | 1900-2000 | 3915 (F) 6070 (C), 7120 9750 (C) 9770 (F) 11845 (C) 12040, 11960 15310 (F) 15390 (C) 15405 (F) 17705, 18080 |
| 1900-1930 | 5990, 7120 9600 | | |
| 2000-2100 | 3915 (F), 5990, 6070, 6085 7120, 7230 (C) 9575, 9750 (C) 9770 (F) 11845 (C) | 2000-2030 | 9770 (C), 12040 15390 (C), 18080 |
| 2100-2130 | 5990, 7120 7230 (C), 9575 11845 (C) | | |

| Serbo-Croat | | Serbo-Croat | |
|---|---|---|---|
| 0500-0515 | 6150, 7285 (C) 9750 | 0400-0415 | 6010 (C), 6150 7210, 9565 |
| 1715-1745 | 6050 (C), 7210 9530, 11945 | 1615-1645 | 6050 (C), 9530 11925, 15390 |
| 2115-2200 | 3955, 6010 6050 (C), 7210 9635 | 2015-2100 | 6050 (C), 7210 9635, 11780 |

| Slovak | | Slovak | |
|---|---|---|---|
| 1115-1130 | 9610, 11680 15390, 17855 | 1015-1030 | 9610, 11680 15390, 17855 |
| 1545-1600 | 6125, 7155 9555 (C), 9660 | 1445-1500 | 9635, 12040 15455 |
| 1800-1830 | 3975, 6125 7180, 9750 | 1700-1730 | 6125, 7180 9750, 11925 |

| Slovene | kHz | Slovene | kHz |
|---|---|---|---|
| 1030-1100 (Sun) 1100-1115 | 9610, 11680 15390, 17855 | 0930-1000 (Sun) 1000-1015 | 9610, 11680 15390, 17855 |
| 1745-1815 | 1296, 6050 (C) 7210, 9530 11945 | 1645-1715 | 6050 (C), 9530 11925, 15390 |

| Turkish | | Turkish | |
|---|---|---|---|
| 0415-0430 | 3975, 3990 (C) 6140, 6195 (C) 7210 | 0415-0430 | 3990 (C) 6010 (C), 7210 9565 |
| 0900-1000 (Sun) | 1296, 3990 (C) 6180 (C) 7105 (C), 9610 17695 | 0900-1000 (Sun) | 1296, 6180 (C) 9575, 9740 (C) 17695 |
| | | 1715-1800 | 3990/6050 (C) 9530, 11925 15390 |
| 1815-1830 | 1296 | | |
| 1815-1900 | 3990/6050 (C) 7210, 9530 11780 | 2000-2030 | 3990/6030 (C) 7140 (E), 9825 15180 |
| 2000-2030 | 3990/6030 (C) 7140 (E), 9825 | | |

**DX-Prgr: German:** Tues (exc. 2nd Tues of the month) 2050.
**Finnish:** Last Sun of the month 1930.

## BBC WORLD SERVICE

### TO EUROPE

| To USSR & N. Europe Oct-March | kHz | To USSR & N. Europe April-Sept. | kHz |
|---|---|---|---|
| 0900-1445 | 21550 | 0900-1515 | 21550 |
| 0900-1515 | 17790 | 0900-1400 | 17790 |
| 0900-1615 | 15070 | 0545-0730 | 15070 |
| 0900-1615 | 12095 | 0900-2030 | |
| 0600-0730 | 11760 | 0900-1615 | 12095 |
| 0500-0630 | 9580 (C) | 0430-0545 | 11750 (C) |
| 0500-0730 | 9410 | 0400-0545 | 9580 (C) |
| 0900-2030 | | 0300-0730 | 9410 |
| 1600-2115 | 7325 | 0900-2315 | |
| 0400-0430 | 7260 (C) | 0300-0330 | 7210 |
| 0300-0330 | 7210 (C) | 0400-0730 | 7120 |
| 0400-0430 | 7120 | 1700-2315 | 6180 (C) |
| 0500-0730 | | 0300-0730 | 6050 |
| 1700-2115 | 6180 (C) | 0730-2315 | 5975 |
| 0300-0730 | 6050 | 0300-0330 | 1296 |
| 0900-2115 | 5975 | 2200-2315 | |
| 0400-0430 | 3955 | 0200-0430 | 200 |
| 0600-0630 | | | |
| 0700-0730 | | | |
| 1500-1615 | | | |
| 1700-1745 | | | |
| 2000-2030 | | | |
| 0300-0330 | 1296 | | |
| 0400-0445 | | | |
| 0200-0530 | 200 | | |

| To We. & Ce. Europe | | To We. & Ce. Europe | |
|---|---|---|---|
| 1100-1330 | 17790 | 0900-1400 | 17790 |
| 0900-1615 | 15070 | 0900-1830 | 15070 |
| 0600-1745 | 12095 | 0400-0730 | 12095 |
| 0600-0730 | 11760 | 0900-2315 | |
| 0730-1515 | 9760 | 0430-0630 | 11750 (C) |
| 0900-1615 | 9750 | 0900-1615 | 9760 |
| 0500-0730 | 9580 (C) | 0900-1615 | 9750 |
| 0545-2030 | 9410 | 0400-0915 | 9410 |
| 1500-2315 | 7325 | 1600-2315 | |
| 0500-0730 | 7185 | 1800-2315 | 7325 |
| 0700-0915 | 7150 | 0400-0730 | 7185 |
| 0500-0730 | 7120 | 0500-0530 | 6195 |
| 0600-0630 | 6195 | 0600-0630 | |
| 0700-0730 | | 2000-2315 | |
| 1700-1745 | | 1700-2315 | 6180 (C) |
| 2000-2030 | | 0300-0730 | 6050 |
| 0400-0630 | 6180 (C) | 0445-0730 | 6010 |
| 1700-2315 | | 0400-0445 | 5975 |
| 0300-0730 | 6050 | 0700-0030 | |
| 0545-0730 | 6010 | 0500-0530 | 3955 |
| 0500-0545 | 5975 | 0600-0630 | |
| 0730-2315 | | 2000-2315 | |

**To We. & Ce. Europe**

| Oct-March | kHz |
|---|---|
| 0600-0730 | 3995 |
| 0300-0430 | 3955 |
| 0600-0630 | |
| 0700-0730 | |
| 1500-1615 | |
| 1700-1745 | |
| 2000-2030 | |
| 2200-2315 | |
| 0300-0330 | 1296 |
| 0400-0445 | |
| 0700-0730 | |
| 1700-1745 | |
| 2245-2315 | |
| 0545-0630 | 648 |
| 0700-1130 | |
| 1200-1745 | |
| 2000-2030 | |
| 2115-0445 | |
| 0200-0530 | 200 |

**To We. & Ce. Europe**

| April-Sept | kHz |
|---|---|
| 0300-0330 | 1296 |
| 0600-0630 | |
| 1600-1830 | |
| 2200-2315 | |
| 0445-0530 | 648 |
| 0545-1030 | |
| 1100-1645 | |
| 2000-0330 | |
| 0200-0430 | 200 |

**To South East Europe**

| | |
|---|---|
| 0800-1515 | 21710 |
| 0900-1515 | 21470 |
| 0900-1515 | 17790 |
| 0700-1830 | 15070 |
| 0500-0730 | 12095 |
| 0900-2030 | |
| 0600-0730 | 11760 (C) |
| 0900-1615 | 9750 |
| 0900-1130 | 9660 (C) |
| 0500-0730 | 9580 (C) |
| 0300-0915 | 9410 |
| 1500-2315 | |
| 1500-2315 | 7325 |
| 0300-0730 | 7185 |
| 0700-0915 | 7150 |
| 0400-0730 | 6180 (C) |
| 1000-1215 | |
| 1330-1515 | |
| 1700-2315 | |
| 0300-0630 | 6050 |
| 0300-0330 | 3990 (C) |
| 0430-0530 | |
| 1700-1745 | |
| 2030-2315 | |
| 0300-0430 | 3955 |
| 2000-2030 | |
| 2200-2315 | |
| 0300-2315 | 1323 (C) |
| 0545-1245 | 639 (C) |
| 2000-2315 | |

**To South East Europe**

| | |
|---|---|
| 0600-1745 | 21710 |
| 0900-1615 | 21470 |
| 0600-1430 | 17790 |
| 0300-2030 | 15070 |
| 0300-0730 | 12095 |
| 0900-2315 | |
| 0600-0730 | 11760 (C) |
| 1100-1130 | |
| 1300-1330 | |
| 0430-0600 | 11750 (C) |
| 0900-1130 | 9660 (C) |
| 0400-0730 | 9580 (C) |
| 0300-0715 | 9410 |
| 1600-2315 | |
| 1800-2315 | 7325 |
| 0300-0530 | 7185 |
| 0400-0730 | 6180 (C) |
| 1000-1130 | |
| 1300-1330 | |
| 1700-2315 | |
| 0300-0530 | 6050 |
| 1800-1830 | 3990 (C) |
| 2030-2315 | |
| 0300-2315 | 1323 (C) |
| 0545-1245 | 639 (C) |

**To South West Europe**

| | |
|---|---|
| 1100-1430 | 21710 |
| 0900-1615 | 17705 |
| 0700-1830 | 15070 |
| 0900-1830 | 12095 |
| 0600-0730 | 11760 (C) |
| 0730-1515 | 9760 |
| 0500-0730 | 9580 (C) |
| 0500-0730 | 9410 |
| 1500-0030 | |
| 1600-0030 | 7325 |
| 0400-0730 | 7185 |
| 0400-0530 | 6180 (C) |
| 2000-2315 | |
| 0545-0730 | 6010 |
| 0400-0545 | 5975 |
| 1600-0030 | |
| 0600-0730 | 3995 |
| 0500-0600 | 3970 |
| 2200-2315 | 3955 |

**To South West Europe**

| | |
|---|---|
| 0900-1745 | 17705 |
| 1545-2315 | 15070 |
| 0400-0730 | 12095 |
| 0900-2315 | |
| 0900-1615 | 9760 |
| 0400-0730 | 9410 |
| 1600-0030 | |
| 1800-2315 | 7325 |
| 0400-0630 | 7185 |
| 0400-0445 | 5975 |
| 0445-0530 | 6010 |

**Greater Berlin only**

| | |
|---|---|
| 0600-0630 | 90.2MHz FM |
| 0700-1615 | |
| 1700-1745 | |
| 1800-1830 | |
| 2000-2030 | |

**Greater Berlin only**

| | |
|---|---|
| 0500-0545 | 90.2MHz FM |
| 0600-1515 | |
| 1600-1645 | |
| 1700-1715 | |
| 2000-0330 | |

**Greater Berlin only**

| Oct-March | |
|---|---|
| 2200-0445 | 90.2 MHz |
| 0600-0630 | 810 kHz |
| 0700-0730 | |
| 1700-1745 | |
| 2000-2030 | |

**Greater Berlin only**

| April-Sept | |
|---|---|
| 0500-0545 | 810 kHz |
| 0600-0630 | |
| 1600-1645 | |
| 1700-1715 | |
| 2000-2030 | |

## TO OVERSEAS COUNTRIES

**Oct-March**
**To Australasia and Pacific Islands**

| | |
|---|---|
| 0900-1130 | 21550 |
| 0600-0815 | 15310 (E) |
| 0900-1330 | |
| 0900-0915 | 15280 (F) |
| 0800-1515 | 15070 |
| 2000-2200 | 11965 (F) |
| 0545-0915 | 11955 |
| 1100-1330 | 11775 (W) |
| 0900-1130 | 11750 (F) |
| 0900-1515 | 9740 (F) |
| 0545-0915 | 9640 |
| 2000-2245 | 9570 (F) |
| 0430-0915 | 9510 (W) |
| 0430-0630 | 9410 |
| 1700-2115 | |
| 0545-0915 | 7150 |
| 0430-0730 | 6175 (W) |
| 0545-0915 | 5975 |

**April-Sept**
**To Australasia and Pacific Islands**

| | |
|---|---|
| 0900-1330 | 21550 |
| 0600-0815 | 15310 (E) |
| 0900-1330 | |
| 0900-0915 | 15280 (F) |
| 0545-0915 | 15070 |
| 2000-2245 | |
| 0545-0915 | 11955 |
| 0900-1130 | 11750 (F) |
| 1100-1515 | 9740 (F) |
| 0545-0915 | 9640 |
| 2000-0030 | 9570 (F) |
| 0630-0915 | 9510 (W) |
| 0545-0630 | 9410 |
| 2000-2245 | |
| 0545-0730 | 7150 |
| 1330-1515 | 6195 (F) |

**To So. Asia/Iran**

| | |
|---|---|
| 0800-1515 | 21710 |
| 0900-1445 | 21550 |
| 0900-1515 | 17790 |
| 0200-0330 | 15380 (F) |
| 0600-0815 | 15310 (E) |
| 0900-1830 | |
| 0600-1830 | 15070 |
| 2330-0530 | 11955 (E) |
| 1700-1830 | |
| 0600-1330 | 11760 (C) |
| 1130-1700 | 11750 (F) |
| 1330-1830 | 9740 (F) |
| 0030-0230 | 9570 (F) |
| 1500-2115 | 9410 |
| 0300-0430 | |
| 1700-1830 | 7160 (E) |
| 0000-0330 | 7135 (C) |
| 1615-1830 | 6195 (F) |
| 0000-0030 | 5965 (E) |
| 0000-0030 | 1413 (E) |
| 0200-0315 | |
| 1300-1430 | |
| 1700-2115 | |

**To So. Asia/Iran**

| | |
|---|---|
| 0600-1745 | 21710 |
| 0900-1330 | 21550 |
| 0600-1400 | 17790 |
| 0200-0230 | 15380 (F) |
| 0300-0330 | |
| 0600-0815 | 15310 (E) |
| 0900-1615 | |
| 1615-1700 | 15310 (F) |
| 1700-1830 | 15225 (F) |
| 0300-0630 | 15070 |
| 1300-1830 | |
| 2330-0200 | 11955 (F) |
| 1700-1830 | |
| 0200-0530 | 11955 (E) |
| 1130-1830 | 11750 (F) |
| 1330-1830 | 9740 (F) |
| 0000-0330 | 9580 (C) |
| 0300-0430 | 9410 |
| 1700-1830 | 7160 (E) |
| 0000-0230 | 7135 (E) |
| 0200-0315 | 1413 (E) |
| 1300-1430 | |
| 1700-2115 | |

**To East & South East Asia**

| | |
|---|---|
| 0900-1130 | 21550 |
| 0900-0945 | 17880 (F) |
| 0000-0030 | 17715 (F) |
| 2300-0030 | 15435 (F) |
| 0700-0815 | 15310 (E) |
| 0900-1615 | |
| 0900-1115 | 15280 (F) |
| 2200-0030 | 11955 (F) |
| 1700-1745 | |
| 0900-1745 | 11750 (F) |
| 0900-1700 | 9740 (F) |
| 2200-0030 | 9570 (F) |
| 2200-2245 | 7120 (F) |
| 0900-1745 | 6195 (F) |
| 2200-0030 | |
| 1500-1745 | 3915 (F) |

**To East & South East Asia**

| | |
|---|---|
| 0900-1330 | 21550 |
| 0900-0945 | 17880 (F) |
| 1030-1115 | |
| 0000-0030 | 17710 (F) |
| 2300-0030 | 15435 (F) |
| 0900-1615 | 15310 (E) |
| 0900-1115 | 15280 (F) |
| 1700-1745 | 11955 (F) |
| 2200-0030 | |
| 0900-1700 | 11750 (F) |
| 0900-1745 | 9740 (F) |
| 2200-0030 | 9570 (F) |
| 2200-2245 | 7120 (F) |
| 0900-1745 | 6195 (F) |
| 2200-0030 | |
| 1500-1745 | 3915 (F) |

**For Singapore only:**

| | |
|---|---|
| 2200-1830 | 88.9MHz |

**For Singapore only:**

| | |
|---|---|
| 2200-1830 | 88.9MHz |

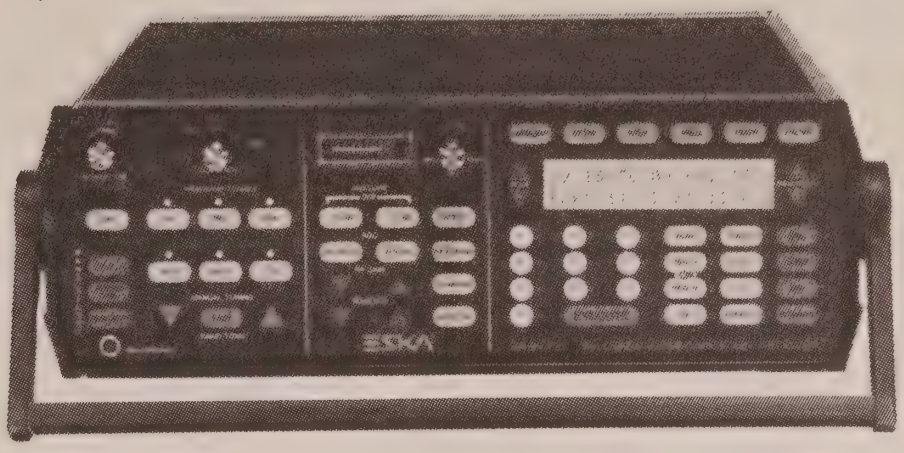
**The BBC Relay Stations are regularly updated for readers of the WRTH Newsletter!**

NEW

# ESKA® RX99PL

## It takes time to make a superb receiver ... but now ... The professional portable receiver of the nineties is available –

ESKA of Denmark is proud to present its latest fully synthesized general coverage receiver, equipped with phase-locked exalted carrier reception (PL- ECSS), for the serious shortwave listener.

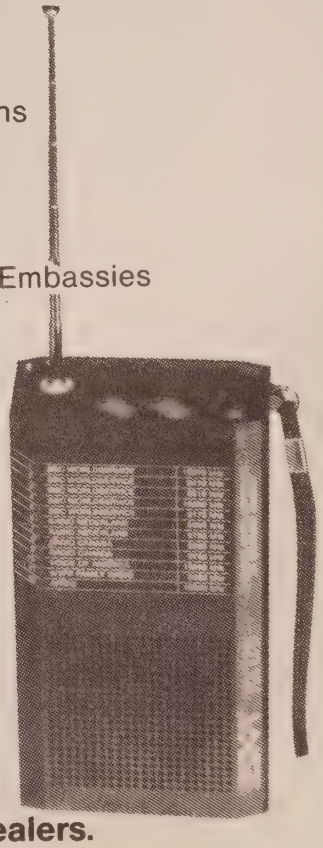


**Advanced technology**

Optional high performance active antenna
High level DBM (mixer)
Immune to overloading
Low noise circuitry
Optional notch/bandpass/lowpass audio filters
Outstanding sensitivity combined with true PBT (passband tuning) and up to 9 independent selectivities (2.2 & 4.0 KHz standard)
Frequency range of international model:
10 KHz – 30 MHz (AM/SSB/CW/RTTY & PLL-AM) continually in 10 Hz steps
88 MHz – 108 MHz (FM) in 100 KHz steps
Sophisticated microprocessor with multifunction keyboard and 7 digits LCD readout
Versatile scanning facilities, with automatic start/stop functions
99 channel memory (optional)
All broadcast & amateur bands preprogrammed
Signal strength meter
Low power consumption, large loudspeaker
Special options are available for Government, Agencies and Embassies

We still produce the well-known fixed channel AM/SSB receivers RX12PL-A, RX12B-A and RX12M-A. We refer to the article in th 1983 WRTVH, page 589-590.

All prices and specifications are subject to change without notice.



**For free information, please write to:**

## ESKA ELEKTRONIK A/S

Møllestræde 5 - DK-3400 Hillerød
Denmark - Telex: 42211 eska dk
Phone: +452 25 55 80

**available world-wide through network of appointed dealers.**

**To Middle East**

| Oct-March | kHz |
|---|---|
| 0800-1515 | 21710 |
| 0900-1515 | 17790 |
| 0400-1745 | 15420 (C) |
| 0900-1830 | 15310 (E) |
| 0545-1830 | 15070 |
| 0330-0530 | 11955 (E) |
| 0600-1330 | 11760 (C) |
| 1300-1615 | 11750 (F) |
| 0300-0430 | 9410 |
| 1600-2115 | |
| 0300-0330 | 7160 (C) |
| 1700-1830 | |
| 0300-0315 | 1413 (E) |
| 1700-2115 | |
| 0300-2315 | 1323 (C) |
| 0300-0315 | 720 (C) |
| 0545-0630 | |
| 2000-2115 | 702 (E) |
| 0300-0330 | 639 (C) |
| 0545-0815 | |
| 1030-1245 | |

**To Middle East**

| April-Sept | kHz |
|---|---|
| 0900-1330 | 25650 |
| 0600-1745 | 21710 |
| 0600-1400 | 17790 |
| 0400-1745 | 15420 (C) |
| 0900-1745 | 15420 (C) |
| 0600-0815 | 15310 (E) |
| 0900-1700 | |
| 0300-2030 | 15070 |
| 0300-0530 | 12095 |
| 1600-2115 | |
| 0300-0530 | 11955 (E) |
| 0545-1330 | 11760 (C) |
| 1300-1700 | 11750 (F) |
| 0300-0530 | 9410 |
| 1745-2115 | |
| 1700-1830 | 7160 (C) |
| 0545-0730 | 7140 (C) |
| 0900-1245 | |
| 1700-2115 | 6180 (C) |
| 1700-2115 | 1413 (E) |
| 0300-2315 | 1323 (C) |
| 0300-0315 | 720 (C) |
| 0545-0630 | |
| 2000-2115 | 702 (E) |
| 0300-0330 | 639 (C) |
| 0545-0815 | |
| 0900-1245 | |
| 2000-2315 | |

**To East Africa**

| | |
|---|---|
| 0900-1330 | 25650 |
| 0800-1615 | 21710 |
| 0600-1030 | 21660 (C) |
| 0900-1515 | 21470 |
| 0545-1400 | 17885 (C) |
| 1600-1745 | 17880 (A) |
| 1500-1530 | 15430 (C) |
| 0400-1745 | 15420 (C) |
| 1300-2030 | 15070 |
| 0400-0500 | 11860 (A) |
| 0430-0545 | 11750 (C) |
| 1700-1830 | 11955 (F) |
| 1700-1745 | 9610 (C) |
| 0300-0430 | 9600 (A) |
| 0300-0530 | 9410 |
| 1500-2115 | |
| 0300-0430 | 7185 |
| 1800-2115 | 7325 |
| 0300-0430 | 7160 (C) |
| 1700-1745 | 6130 (C) |
| 1700-2115 | 1413 (E) |

**To East Africa**

| | |
|---|---|
| 0900-1330 | 25650 |
| 0600-1745 | 21710 |
| 0600-1030 | 21660 (C) |
| 1030-1615 | 21660 (A) |
| 1500-1530 | 21640 (C) |
| 0900-1615 | 21470 |
| 1615-1745 | 21470 (A) |
| 0500-1400 | 17885 (C) |
| 1600-1745 | 17880 (A) |
| 1400-1600 | 17870 (A) |
| 1500-1530 | 17740 (C) |
| 1700-1745 | 18080 |
| 1500-1530 | 15430 (C) |
| 0400-1745 | 15420 (C) |
| 0300-0530 | 15070 |
| 1600-2030 | |
| 1800-2115 | 12095 |
| 0300-0430 | 11750 (C) |
| 1700-1830 | 11955 (F) |
| 0300-0430 | 9600 (A) |
| 0300-0430 | 9410 |
| 1745-2115 | |
| 1800-2115 | 7325 |
| 0300-0430 | 7185 |
| 0300-0430 | 7160 (A) |
| 1700-2115 | 1413 (E) |

**To Southern Africa**

| | |
|---|---|
| 0900-1330 | 25650 |
| 0900-1745 | 21710 |
| 0600-1030 | 21660 (C) |
| 1030-1615 | 21660 (A) |
| 0900-1515 | 21470 |
| 0545-1400 | 17885 (C) |
| 1600-1745 | 17880 (A) |
| 1400-1600 | 17870 (A) |
| 0900-1615 | 17705 |
| 0400-0630 | 15420 (C) |
| 1500-1745 | |
| 0615-1130 | 15400 (A) |
| 1445-2030 | |
| 1600-2030 | 15070 |
| 0400-0630 | 11860 (A) |
| 1030-1515 | 11830 (L) |
| 1800-2030 | 11820 (A) |
| 0545-1015 | 9515 (L) |
| 0400-0530 | 9410 |
| 1700-2115 | |
| 1800-2245 | 7325 |
| 0400-0430 | 7185 |

**To Southern Africa**

| | |
|---|---|
| 0900-1330 | 25650 |
| 0900-1745 | 21710 |
| 0600-1030 | 21660 (C) |
| 1030-1615 | 21660 (A) |
| 1615-1745 | 21470 (A) |
| 0500-1400 | 17885 (C) |
| 1600-1745 | 17880 |
| 1400-1600 | 17870 (A) |
| 0600-0730 | 17705 |
| 1500-1615 | |
| 0400-0630 | 15420 (C) |
| 0715-1130 | 15400 (A) |
| 1445-1945 | |
| 1600-2245 | 15070 |
| 1700-2115 | 12095 |
| 0600-0730 | 11860 (A) |
| 1030-1515 | 11830 (L) |
| 1800-2030 | 11820 (A) |
| 0400-0430 | 11750 (C) |
| 0400-0430 | 9600 (A) |
| 0545-0730 | |
| 0545-1015 | 9515 (L) |

**To Southern Africa**

| Oct-March | kHz |
|---|---|
| 0400-0430 | 7105 (A) |
| 0400-0545 | 6190 (L) |
| 1515-2030 | |
| 0400-0545 | 6005 (A) |
| 2000-2245 | |

**To Southern Africa**

| April-Sept | kHz |
|---|---|
| 1745-2245 | 9410 |
| 0400-0545 | 7160 (A) |
| 0400-0545 | 6190 (L) |
| 1515-2030 | |
| 2000-2030 | 6035 (A) |
| 0400-0545 | 6005 (A) |
| 2000-2245 | |

**To North & North West Africa**

| | |
|---|---|
| 0900-1615 | 21710 |
| 0900-1615 | 17705 |
| 0800-2030 | 15070 |
| 0700-0730 | 12095 |
| 0600-2030 | |
| 0400-0730 | 9410 |
| 1600-0030 | |
| 1700-0030 | 7325 |
| 0400-0730 | 7185 |
| 2000-2315 | 6180 (C) |
| 0545-0630 | 6010 |
| 0500-0545 | 5975 |
| 2000-2315 | |

**To North & North West Africa**

| | |
|---|---|
| 0900-1615 | 21710 |
| 0600-0730 | 17705 |
| 0900-1745 | |
| 0545-2315 | 15070 |
| 0400-2315 | 12095 |
| 0500-0730 | 9580 |
| 0400-0730 | 9410 |
| 1800-2315 | 7325 |
| 0400-0630 | 7185 |
| 2245-0030 | 7130 |
| 2000-2315 | 6180 (C) |
| 0445-0530 | 6010 |
| 0400-0445 | 5975 |
| 2030-0030 | |

**To West and Central Africa**

| | |
|---|---|
| 0900-1330 | 25650 |
| 0900-1745 | 21710 |
| 0600-1030 | 21660 (C) |
| 1030-1615 | 21660 (A) |
| 1600-1745 | 17880 (A) |
| 1400-1600 | 17870 (A) |
| 0900-1615 | 17705 |
| 0615-1130 | 15400 (A) |
| 1445-2030 | |
| 0730-0800 | 15105 (A) |
| 1300-1330 | |
| 0600-2030 | 15070 |
| 1700-2030 | 12095 |
| 0400-0915 | 11860 (A) |
| 1800-2030 | 11820 (A) |
| 0400-0430 | 9600 (A) |
| 0445-0515 | |
| 0545-0630 | |
| 0700-0815 | |
| 0400-0730 | 9410 |
| 1700-2245 | |
| 1745-2245 | 7325 |
| 0400-0630 | 7185 |
| 0400-0430 | 7105 (A) |
| 0445-0515 | |
| 0600-0630 | |
| 0400-0545 | 6005 (A) |
| 2000-2245 | |

**To West and Central Africa**

| | |
|---|---|
| 0900-1330 | 25650 |
| 0900-1745 | 21710 |
| 0600-1030 | 21660 (C) |
| 1030-1615 | 21660 (A) |
| 1615-1745 | 21470 (A) |
| 1600-1745 | 17880 (A) |
| 1400-1600 | 17870 (A) |
| 0600-0730 | 17705 |
| 0900-1745 | |
| 0715-1130 | 15400 (A) |
| 1445-1945 | |
| 0730-0800 | 15105 (A) |
| 1300-1330 | |
| 0500-2245 | 15070 |
| 0400-0630 | 12095 |
| 1745-2245 | |
| 0600-0915 | 11860 (A) |
| 1800-2030 | 11820 (A) |
| 0400-0430 | 9600 (A) |
| 0445-0515 | |
| 0545-0815 | |
| 0400-0530 | 9410 |
| 1745-2245 | |
| 1800-2245 | 7325 |
| 0400-0530 | 7185 |
| 0400-0430 | 7105 (A) |
| 0445-0515 | |
| 0600-0630 | |
| 0400-0545 | 6005 (A) |
| 2000-2245 | |

**To Southern So. America**

| | |
|---|---|
| 2130-2200* | 15390 (A) |
| 2000-2330 | 15260 (A) |
| 2130-2200* | 12040 |
| 2130-2200* | 11820 (A) |
| 2115-2300 | 11750 |
| 2300-0330 | 11750 (A) |
| 2130-2200* | 9915 |
| 2200-0330 | |
| 0030-0330 | 9515 (G) |
| 2200-0330 | 7325 |
| 0000-0330 | 6005 (A) |
| 2200-0330 | 5975 |

*) Tues/Friday only (special prgr)

**To Southern So. America**

| | |
|---|---|
| 2130-2200* | 15390 (A) |
| 2000-2330 | 15260 (A) |
| 2130-2200* | 12040 |
| 2130-2200* | 11820 (A) |
| 2115-2300 | 11750 |
| 2300-0330 | 11750 (A) |
| 2130-2200* | 9915 |
| 2200-0330 | |
| 0030-0330 | 9515 (G) |
| 0000-0330 | 6005 (A) |
| 0000-0330 | 5975 |

*) Tues/Friday only (special prgr)

**To Canada , USA, Mexico**

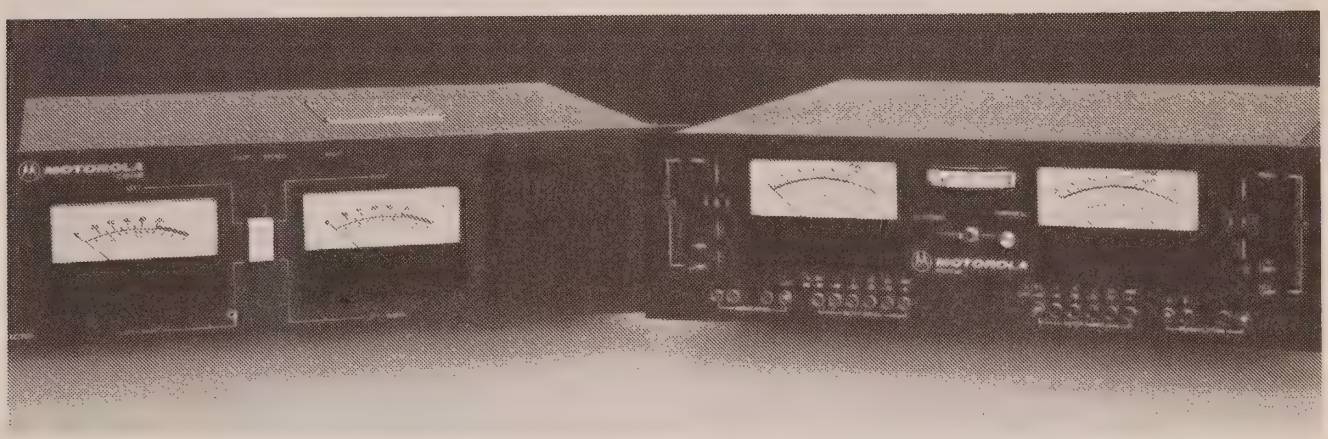
| | |
|---|---|
| 1500-1745 | 15260 (S) |
| 1100-1745 | 15070 |
| 1100-1330 | 11775 (W) |
| 0000-0330 | 11750 (A) |
| 2200-0230 | 9915 |
| 2300-0030 | 9590 (S) |

**To Canada , USA, Mexico**

| | |
|---|---|
| 1500-1745 | 15260 (S) |
| 1300-1745 | 15070 |
| 2300-0030 | 11910 |
| 0030-0230 | 11835 |
| 1100-1330 | 11775 (W) |
| 1500-1745 | |

# GLOBAL GAINS FOR MOTOROLA C-QUAM® AM STEREO.

Worldwide, leading carmakers and major manufacturers of stereo receivers have selected the Motorola C-Quam system. And it also promises to become the broadcast industry standard in the U.S. It already is in Australia.



Monophonic distortion @ 85% modulation: 0.25%. Stereophonic separation: 35 dB.

Motorola pioneered and perfected the high performance exciters, monitors and receiver decoder ICs in this system.

AM broadcasters can now program a new, dynamic service. Listeners enjoy sound that rivals anything they've heard. Shortwave, too, can take a giant stride.

Now it's your turn. The sooner you get in touch with Motorola, the quicker you move out front.

Contact Dick Harasek, Telex 287562, or Chris Payne, Telex 4330355.

**MOTOROLA AM STEREO. THE WINNING SYSTEM.**

MOTOROLA

**To Canada/USA/Mexico**

| Oct-March | kHz |
|---|---|
| 0030-0230 | 9590 (C) |
| 1500-1745 | 9515 (S) |
| 0430-0915 | 9510 (W) |
| 2300-0330 | 7325 |
| 2200-0730 | 6175 (W) |
| 2300-0430 | 6120 (S) |
| 2200-0430 | 5975 |
| 1100-1330 | 5965 (S) |

**To Canada/USA/Mexico**

| April-Sept | kHz |
|---|---|
| 2300-0230 | 11750 (A) |
| 1300-1615 | 11750 (F) |
| 2200-0230 | 9915 |
| 2200-0030 | 9590 (S) |
| 0430-0915 | 9510 (W) |
| 1300-1330 | 9510 (S) |
| 2300-0330 | 7325 |
| 2300-0730 | 6175 (W) |
| 2200-0330 | 6120 (S) |
| 2300-0430 | 5975 |
| 1100-1330 | 5965 (S) |

**To C. & N. So. Am/Caribbean**

| | |
|---|---|
| 2000-2330 | 15260 (A) |
| 1100-1330 | 15215 |
| 1100-1330 | 11775 (W) |
| 2000-2300 | 11750 |
| 2300-0330 | 11750 (A) |
| 2200-0230 | 9915 |
| 0030-0330 | 9515 (G) |
| 0430-0630 | 9510 (W) |
| 0900-0915 | |
| 2200-0330 | 7325 |
| 0900-0915 | 6195 (W) |
| 1100-1330 | |
| 2000-0630 | 6175 (W) |
| 2200-0630 | 5975 |

**To C. & N. So. Am/Caribbean**

| | |
|---|---|
| 1100-1330 | 15215 |
| 2000-2315 | 15070 |
| 1100-1330 | 11775 (W) |
| 2200-0230 | 9915 |
| 0030-0330 | 9515 (G) |
| 0430-0630 | 9510 (W) |
| 0900-0915 | |
| 0900-0915 | 6195 (W) |
| 1100-1330 | |
| 2000-0630 | 6175 (W) |
| 2300-0545 | 5975 |

**N.** every h. on the h. **Newsdesk** (30 min's incl. correspondents' reports and British news and Press Review): 0400, 0600, 1800.
**Commentary:** 1609, 2309.
**N. about Britain:** 0009, 0309, 1109.
**R. Newsreel:** 0015, 0215 (Asia), 1200 (W), 1500 — **Review of the British Press:** 0209, 0909.
**The World Today:** Mon-Fri 1645, 2209 and repeated next day 0145 (Asia) (exc. Sat), 0315, 0545, 0915 — **Letterbox:** Fri 1415, Sat 0145 & 2315, Mon 0530.
**News of the African World (Africa):** 0330, 0509, 0630, 0730, 1709 (Sat/Sun), 1725 (Mon-Fri) — **Outlook:** Mon-Fri 1400, 1900; Tues-Sat 0100 — **24 Hours:** 0509, 0709, 1309, 2009 — **Stock Market Report:** Mon-Fri 1939 — **Financial N:** Mon-Fri 2230, Tues-Sat 0445, 0930 — **"Waveguide"** (reception advice, and news of other st's): Mon 0915; Wed 0430, 1735; Thurs 0130.
**GREENWICH TS** is usually broadcast at the start of prgrs on the h — **Big Ben** is used frequently throughout the day.
**INT-SIG:** World Service: Bow Bells (prior to transmission); "Lillibulero" before news bulletins. World Sce. for Africa and other services: 3 notes (BBC in tonic scale).

## OTHER OVERSEAS SERVICES

All year round

**ARABIC**

| | kHz |
|---|---|
| 0345-0545 | 639, 720 (C) |
| | 702 (E), 6010 |
| | 7140 (C), 7320 |
| | 15235 (E) |
| | 9590/11740 (C) |
| | 9825, 11680 |
| 1300-2000 | 639 (C), 702 (E) |
| | 6120/7140 (C) |
| | 9825, 11680 |
| | 15180 |
| 1300-1615 | 720 (C) |
| 1300-1630 | 9625/11720 (C) |
| | 17715, 21630 |
| 1700-2000 | 720 (C), 6030 (E) |
| 1900-2000 | 3990 (C) |

**ENGLISH BY RADIO**
(Far Eastern Station)

| | |
|---|---|
| 2330-2345 | 3915, 6080 |
| | 7180, 9580 |
| | 11865 |
| 0030-0045 | 6195, 9725 |
| | 17710, 15435 |
| 0930-0945 | 9725, 11955 |
| | 15360 |
| 0945-1000 | 9725, 11955 |
| | 15360, 17880 |

**ENGLISH BY RADIO**

| | |
|---|---|
| 1200-1215 | 3915, 6065 |
| 1645-1700 | 6010, 7180 |
| | 11955 |

**To Latin America**
(Atlantic Relay Station)
2315-2330 (W) 11820, 15390

**To Near East**
(Ea. Mediterranean Relay)
2000-2030 720

**FRENCH** (to Africa)

| | |
|---|---|
| 0430-0445 | 6110, 7105 (A) |
| | 9600 (A), 9915 |
| 0515-0545 | 6010, 7105 (A) |
| | 7210, 9915 |
| | 9600 (A) |
| 0630-0700 | 7105 (A), 7230 |
| | 9600 (A), 9915 |
| | 11720 |
| 1200-1245 | 11680, 15115 |
| 1200-1300 | 15105 (A) |
| | 17810, 21640 |
| 1815-1900 | 6185 |
| 1815-1915 | 9580 (A) |
| | 15105 (A) |

**HAUSA**

| | kHz |
|---|---|
| 0545-0600 | 6005 (A) |
| | 7105 (A), 9915 |
| 1345-1415 | 15105 (A) |
| | 17810, 21640 |
| 1915-1945 | 9580/15105 (A) |

**PORTUGUESE** (to Africa)

| | |
|---|---|
| 2030-2115 | 6190 (L) |
| | 9515 (W), 9825 |
| | 11820 (A) |
| | 15400 (A) |

**LATIN AMERICAN SERVICE**

**Portuguese**

| | |
|---|---|
| 2200-2315 | 6110, 9515 (W) |
| | 11820/15390 (A) |

**Spanish**

| | |
|---|---|
| 1100-1130 | 17830/21490 (A) |
| 0015-0215 | 6110, 6155 (W) |
| | 9765 (A), 9825 |
| | 11680 |
| | 11820 (A) |
| 0215-0300 | 6055 (DL), 6110 |
| | 6155 (W) |
| | 9765 (DL), 9825 |
| | 11820 (A) |
| 0300-0415 | 6055 (DL), 6110 |
| | 6155 (W) |
| | 9765 (DL) |
| | 11820 (DL) |

**EAST AFRICAN SERVICE**

**Somali**

| | |
|---|---|
| 1430-1500 | 15430 (C) |
| | 17740 (C), 18080 |
| | 21640 (C) |
| 1800-1830 | 6130/9610 (C) |
| | 15420 (C) |

**Swahili**

| | |
|---|---|
| 0330-0345 | 6100, 7140 (C) |
| | 9515 (C), 9825 |
| | 11680 |
| 1530-1600 | 11900/15430 (C) |
| | 17740 (C), 18080 |
| | 21640 (C) |
| 1745-1800 | 6130/9610 (C) |
| | 15420 (C) |

**ASIAN SERVICE**

**Bengali**

| | |
|---|---|
| 0030-0050 | 1413 (E) |
| | 7230 (E), 9645 (C) |
| | 11850/15380 (F) |
| 1345-1430 | 6010/7180 (F) |
| | 9605 (E), 18080 |
| 1500-1515e | 6065/11910 (F) |
| 1615-1645a | 6010/7180 (F) |
| | 11955 (F) |

**Burmese**

| | |
|---|---|
| 0015-0030 | 9725/11850 (F) |
| | 15380 (F) |
| 1345-1430 | 3915/6065 (F) |
| | 11910 (F) |
| 1500-1515 (Sun) | 6065/11910 (F) |

**Cantonese**

| | |
|---|---|
| 2245-2300 | 6185/7180 (F) |
| | 9580/11865 (F) |
| 1300-1330 | 6010/7180 (F) |
| | 18080 |

**Chinese** (Mandarin) **kHz**

| | |
|---|---|
| 2230-2245 | 6185 (F), 7180 (F) |
| | 9580/11865 (F) |
| | 15320 (F) |
| 1000-1030 | 9725/11955 (F) |
| | 15360/17880 (F) |
| | 18080 |
| 1200-1245 | 7180 (F), |
| | 9725/11955 (F) |
| | 15360 (F), 18080 |

**Hindi**

| | kHz |
|---|---|
| 0050-0120 | 1413 (E), 6195 (C) |
| | 7230 (E), 9645 (C) |
| | 11850 (F) |
| | 15380 (F) |
| 0230-0300 | 7230/9600 (C) |
| | 11740 (E) |
| | 15380 (F) |
| 1430-1530 | 1413 (E) |
| | 6010/7180 (F) |
| | 9605 (E) |

**Indonesian**

| | |
|---|---|
| 2315-2330 | 3915 (F) |
| | 6080/7180 (F) |
| | 9580/11865 (F) |
| 1030-1100 | 7180 (F) |
| | 9725/11955 (F) |
| | 15360 (F), 18080 |
| 1300-1330 | 3915/6065 (F) |
| | 11910 (F) |

**Japanese**

| | |
|---|---|
| 2200-2230 | 6185/7180 (F) |
| | 9580/11865 (F) |
| | 15320 (F) |
| 1100-1130 | 7180 (F) |
| | 9725/11955 (F) |
| | 15360 (F), 18080 |

**Malay**

| | |
|---|---|
| 1330-1345 | 3915/6065 (F) |
| | 11910 (F) |

**Nepali**

| | |
|---|---|
| 1500-1530f | 6065/11910 (F) |

**Pashto**

| | |
|---|---|
| 0145-0200 | 1413 (E) |
| 0145-0230 | 6195 (C), 7230 (E) |
| | 9645 (C), 11740 (E |

**Persian**

| | |
|---|---|
| 0315-0330 | 720 (C), 1413 (E) |
| | 6195/7230 (C) |
| | 9590 (C) |
| | 11740 (E) |
| 1615-1700 | 720 (C), 1413 (E) |
| | 6180 (C), 7160 (E) |
| | 9625 (C), 18080 |
| 1830-1900 | 1413 (E), g |
| | 7160 (E) |
| | 9690 (C) |

**Tamil**

| | |
|---|---|
| 1615-1645d | 6010/7180 (F) |
| | 11955 (F) |

**Thai**

| | |
|---|---|
| 2345-2400 | 6080 (F) |
| | 7180/9580 (F) |
| | 11865 (F) |
| 1215-1300 | 3915/6065 (F) |

**Urdu**

| | |
|---|---|
| 0120-0145 | 1413 (E), 6195 (C) |
| | 7230 (E), 9645 (C) |
| | 11850 (F) |
| | 15380 (F) |
| 1330-1345 | 6010/7180 (F) |
| | 9605 (E), 18080 |
| 1530-1615 | 1413 (E) |
| | 6010/7180 (F) |
| | 9605 (E), 11955 (F) |

**Vietnamese**

| | |
|---|---|
| 2300-2315 | 3915/6080 (F) |
| | 7180 (F) |
| | 9580/11865 (F) |
| 1130-1200 | 3915/7180 (F) |
| | 9725/11955 (F) |
| | 18080, 15360 (F) |
| 1430-1500 | 3915 (F) |
| | 6065/11910 (F) |

a) Sun; b) Sat; c) Tues and Fri; d) Mon-Fri; e) Tues, Thurs, Sat; f) Mon, Wed, Fri; g) not Sat.
**FI:** The revenue for BBC Domestic Sces is drawn from licence fees paid by television viewers; the revenue for its Ext. Sces is provided by a Grant-in-Aid from the Treasury.

## INDEPENDENT BROADCASTING AUTHORITY

**ADDR:** 70 Brompton Rd, London SW3 1EY. **Te:** 01-584 7011.
**Telex:** 24345.
**L.P:** Chmn: Lord Thomson DT. Dir. Gen: John Whitney.
**STATIONS:** All st's comm.

| | kHz | kW | MHz | kW (ERP) | Station Name and Location |
|---|---|---|---|---|---|
| 1) | 603 | + | 95.1 | + | Invicta Sound, Canterbury |
| | | | 97.0 | + | Dover (relay) |
| | | | 95.9 | + | Thanet (relay) |
| | | | 96.3 | + | Ashford (relay) |
| 2) | 666 | 0.5 | 95.8 | 0.5 | Devonair R, Exeter |
| 3) | 774 | 0.2 | 95.0 | 0.3 | Severn Sound, Gloucester |
| 4) | 792 | 0.2 | 95.5 | 0.34 | Chiltern R, Bedford |
| 5) | 828 | 0.18 | 94.6 | 0.5 | R. Aire, Leeds |
| 4) | 828 | 0.18 | 97.6 | 0.42 | Chiltern R, Luton |
| 6) | 828 | 0.5 | 97.2 | 0.6 | 2 Counties R, Bournemouth |
| 7) | 936 | 0.2 | 97.4 | 0.18 | Wiltshire R, We. Wilts |
| 8) | 954 | 0.2 | 95.8 | 0.16 | R. Wyvern, Hereford |
| 2) | 954 | 0.4 | 95.1 | 0.25 | Devonair R, Torbay |
| 9) | 990 | 0.1 | 97.2 | 1.0 | Beacon R, Wolverhampton |
| 10) | 999 | 0.2 | 96.2 | 0.3 | R. Trent, Nottingham |
| 11) | 999 | 0.8 | 97.3 | 1.9 | Red Rose R, Preston |
| 12) | 1026 | 1.0 | 96.0 | 1.0 | Downtown R, Belfast |
| 13) | 1035 | 0.5 | 96.9 | 0.25 | Northsound R, Aberdeen |
| 14) | 1035 | 0.5 | 96.2 | 0.5 | West Sound, Ayr |
| 15) | 1107 | 2.0 | 95.9 | 1.4 | Moray Firth R, Inverness |
| 16) | 1152 | 5.5 | 97.3 | 2.0 | LBC, London |
| 17) | 1152 | 2.0 | 95.1 | 3.4 | R. Clyde, Glasgow |
| 18) | 1152 | 0.8 | 94.8 | 2.0 | BRMB R, Birmingham |
| 19) | 1152 | + | 97.6 | + | R. Broadland, Norwich |
| 20) | 1152 | 0.35 | 97.0 | 2.0 | Piccadilly R, Manchester |
| 21) | 1152 | 1.0 | 97.0 | 5.0 | Metro R, Newcastle |
| 22) | 1152 | 0.5 | 96.0 | 1.0 | Plymouth Sound, Plymouth |
| 23) | 1161 | 0.5 | 95.8 | 0.3 | R. Tay, Dundee |
| 24) | 1161 | 0.5 | 102.7 | + | Viking R, Hull |
| 6) | 1161 | 0.2 | 96.4 | 0.36 | Wiltshire R, Swindon |
| 25) | 1170 | 0.8 | 95.1 | 1.0 | Swansea Sound, Swansea |
| 26) | 1170 | 0.5 | 95.0 | 2.0 | R. Tees, Stockton-on-Tees |
| 27) | 1170 | 0.25 | 104.3 | 0.2 | Signal R, Stoke-on-Trent |
| 28) | 1170 | 0.2 | 95.0 | 0.2 | R. Victory, Portsmouth |
| 29) | 1170 | 0.3 | 97.1 | 1.0 | R. Orwell, Ipswich |
| 1) | 1242 | + | 103.8 | + | Invicta Sound, Maidstone |
| 30) | 1251 | 0.5 | 96.3 | 0.64 | Saxon R, Bury St. Edmunds |
| 31) | 1260 | 0.2 | 97.1 | 0.5 | Leicester Sound, Leicester |
| 32) | 1260 | 0.64 | 95.4 | 0.53 | Marcher Sound, Wrexham |
| 33) | 1260 | 0.8 | 96.3 | 0.5 | R. West, Bristol |
| 34) | 1278 | 0.3 | 96.0 | 0.5 | Pennine R, Bradford |
| 35) | 1305 | 0.25 | 104.0 | 0.5 | Gwent Broadc, Newport |
| 36) | 1323 | 0.3 | 103.4 | 0.5 | Southern Sound, Brighton |
| 37) | 1332 | 0.5 | 95.7 | 0.5 | Hereward R, Peterborough |
| 38) | 1359 | 0.1 | 95.9 | 0.25 | Mercia Sound, Coventry |
| 39) | 1359 | 0.25 | 96.0 | 0.5 | CBC, Cardiff |
| 40) | 1359 | 0.35 | 96.4 | 0.5 | Essex R, Chelmsford |
| 41) | 1431 | 0.2 | 97.0 | 0.5 | R. 210, Reading |
| 40) | 1431 | 0.45 | 95.3 | 0.5 | Essex R, Southend |
| 42) | 1476 | 0.5 | 96.6 | 0.5 | County Sound, Guildford |
| 7) | 1530 | 0.5 | 96.2 | 0.43 | R. Wyvern, Worcester |
| 43) | 1548 | 27.5 | 95.8 | 2.0 | Capital R, London |
| 44) | 1548 | 0.3 | 95.2 | 0.2 | R. Hallam, Sheffield |
| | | | 95.9 | 0.05 | R. Hallam, Rotheram (relay) |
| 45) | 1548 | 1.2 | 96.7 | 5.0 | R. City, Liverpool |
| 46) | 1548 | 2.0 | 96.8 | 0.5 | R. Forth, Edinburgh |
| 37) | 1557 | + | 102.8 | + | Hereward R, Northampton |
| 23) | 1584 | 0.4 | 96.4 | 0.25 | R. Tay, Perth |

+) Information not available at time of editing.

**Addresses and other information:**
**Association of Independent Radio Contractors Ltd,** 1st Floor, Regina House, 259/269 Old Marylebone Rd, London NW15 5RA — Dir: Brian West.
**Independent Radio News:** subsidiary of 16) which acts as a news agency for all Independent Local Radio companies.

1) 15 Station Road East, Canterbury CT1 2RB; 37 Earl Str, Maidstone ME14 1PS — Man. Dir: Cecelia Garnett.
2) The Studio Centre, 35/37 St. Davids Hill, Exeter EX4 4D4 — Man. Dir: K. Whittaker. 0600 (Sun 0700)-2400 (Sat 0100). Mon-Fri separate prgrs. on 954kHz/95.1MHz.
3) P.O. Box 388, Old Talbot House, 67 Southgate Str, Gloucester GL1 1TX — Man. Dir. & Prgr. Contr: E. Vickers. 0555-0100.
4) Chiltern Rd, Dunstable, Beds LU6 1HQ — Man. Dir: C. Mason 0600-0100.
5) P.O. Box 362, 51 Burley Rd, Leeds LS3 1LR — Chief Exec: D. Maitland. 0500 (Sun 0600)-0100.
6) 5/7 Southcote Rd, Bournemouth, BH1 3LR — Man. Dir: D. Porter. 0600 (Sun 0700)-0015.
7) Old Lime Kiln, High Str, Wootton Bassett, Swindon, Wilts SN4 7EX — Man. Dir: R. Bernard. 0500 (Sat/Sun 0600)-2400.
8) 5/6 Barbourne Terrace, Worcester WR1 3JM — Man. Dir: N. Bilton. 0600 (Sun 0700)-0100.
9) P.O. Box 303, 267 Tettenhall Rd, Wolverhampton WV6 0DQ — Man. Dir: P. Tomlinson. 24h.
10) 29-31 Castle Gate, Nottingham, NG1 7AP — Man. Dir: R.J. Coles. 24h.
11) P.O. Box 301, St. Paul's Square, Preston, Lancs PR1 1YE — Man. Dir: D. Maker. 0600-0200.
12) P.O. Box 293, Newtownards, Co. Down, Northern Ireland BT23 4ES — Chief Exec: I. Tinman. 0500 (Sat/Sun 0600)-0200.
13) 45 King's Gate, Aberdeen AB2 6BL. — Man. Dir: Q. MacFarlane. 0600-2400.
14) Radio House, 54 Holmston Rd, Ayr KA7 3BD — Man. Dir: J. Campbell. 0600-2000.
15) P.O. Box 271, Scorguie, Inverness 1V3 6SF — Chief Exec: T. Prag. Mon-Fri 0600-2000, Sat/Sun 0700-2100.
16) Communications House, Gough Square, London EC4P 4LP — Man. Dir: G. Ffitch. 24h.
17) Ranken House, Blythswood Court, Anderston Cross Centre, Glasgow G2 7LB — Man. Dir: J. Gordon. 24h.
18) P.O. Box 555, Radio House, Aston Rd No, Aston, Birmingham B6 4BX — Man. Dir: D.A. Pinnell. 24h.
19) P.O. Box 260, Norwich NR1 4QE — Prgr. Contr: M. Stewart.
20) 127-131 The Piazza, Piccadilly Plaza, Manchester M1 4AW — Chief Exec: P. Birch. 24h.
21) Radio House, Long Rigg, Swalwell, Newcastle upon Tyne NE99 1BB — Man. Dir: N. Robinson. 24h.
22) Earl's Acre, Alma Rd, Plymouth PL3 4HX — Man. Dir: R.B. Hussell. 0600-2400.
23) P.O. Box 123, 6 North Isle Str, Dundee DD1 9UF. — Man. Dir: A. Mackenzie. 0530 (Sat/Sun 0555)-2000.
24) Commercial Rd, Hull HU1 2SA.
25) Victoria Rd, Gowerton, Swansea SA4 3AB — Man. Dir: Charles Braham. 0500-0100.
26) 74 Dovecot Str, Stockton-on-Tees, Cleveland TS18 1HB — Man. Dir: J. Blood. 0500 (Sat/Sun 0600)-0100.
27) Studio 257, 67-73 Stoke Rd, Stoke-on-Trent, Staffordshire ST4 2SR — Man. Dir: D. Brooks. 0600-2105 (Sat/Sun 2205).
28) P.O. Box 257, Fratton Rd, Portsmouth PO1 5RT — Man. Dir: B. Jenkins. W 0530-0100, Sun 0700-2400.
29) Electric House, Lloyds Avenue, Ipswich 1P1 3HZ — Man. Dir: D. Cocks. 0555-2400.
30) Long Brackland, Bury St. Edmunds, Suffolk IP33 1JY — St. Mgr: B. Cook. 0555-2400 (partly relays 29).
31) Granville House, Granville Rd, Leicester LE1 7RW. 24h.
32) The Studios, Mould Rd, Gwersyllt, Wrexham, Clwyd LL11 4AF — Man. Dir: M. Bennett. Mon-Fri 0630-1830, Sat/Sun 0600-1800.
33) P.O. Box 963, Watershed, Canons Rd, Bristol BS99 7SN — Man. Dir: J. Bradford. 0600 (Sun 0630)-1930 (Sat/Sun 2200).
34) P.O. Box 235, Pennine House, Forster Square, Bradford BD1 5NP — Man. Dir: M. Boothroyd. Mon-Fri 0500-0100, Sat 0600-0210, Sun 0600-0100.
35) 173 Chepstow Rd, Newport, Gwent NP1 8GH — 0600-1930.
36) Radio House, Franklin Rd, Portslade BN4 2SS. Mon-Fri 0530-2105, Sat 0630-2300, Sun 0630-2400.
37) P.O. Box 225, 114 Bridge Str, Peterborough, PE1 1XJ — 0500 (Sat/Sun 0600)-0100.
38) Hertford Place, Coventry CV1 3TT — Man. Dir: I. Rufus. 0455 (Sun 0703)-0100.
39) Radio House, West Canal Wharf, Cardiff CF1 5XJ — Chief Exec: J. Winston. Mon-Fri 0500-2400, Sat 0600-0100, Sun 0700-2400.
40) Radio House, Clifftown Rd, Southend-on-Sea SS1 1SX — Man. Dir: E. Blackwell. 0500 (Sun 0600)-0100.

41) P.O. Box 210, Reading RG3 5RZ — Man. Dir: T. Stoller. 0459-0100.
42) The Friary, Guildford, GU1 4YX — Man. Dir: D. Lucas. 0600 (Sun 0700)-2400.
43) Euston Tower, London NW1 3DR — Man. Dir: N. Walmsley. 24h.
44) P.O. Box 194, Hartshead, Sheffield S1 1GP — Man. Dir: William S. MacDonald. 24h.
45) P.O. Box 194, 8-10 Stanley Str, Liverpool L69 1LD — Man. Dir: T. Smith. 24h.
46) Forth House, Forth Str, Edinburgh EH1 3LF — Man. Dir: R. Findlay. 0500 (Sat/Sun 0600)-0200.

### BRITISH FORCES BROADC. SCE. (Head Office)

(a division of the Services Sound & Vision Corp.)
The SSVC is a company with charitable status which operates the BFBS on behalf of the Ministry of Defence. Administers overseas sts in Germany, Cyprus, Gibraltar and Hong Kong. Produces up to fifty hours weekly of recorded prgrs of light and serious music, spoken word and other prgr. material for use by the overseas sts with the aim of providing a broadcast service of entertainment, information and education, and a link with home. Provides live stage and cabaret entertainment for the Forces overseas.
**ADDR:** Bridge House, North Wharf Rd, London W2. **Te:** (01) 724 1234.
**L.P:** Man. Dir: J.F. Grist. Dir. of Radio: J.H. Bussell. Chief Eng: C.A. Rugg. Dir. of TV: M.A. Pachebat.
**STATIONS:** See under Germany (FR), Cyprus, Gibraltar, Hong Kong.
**ANN:** "This is the British Forces Broadc. Sce..." (Name of country or town) — **INT-SIG:** March "Force-One", orchestra.
**V.** by QSL-card to individual station. Rp.

### MANX RADIO (Comm.)

Owned by the Isle of Man Government and operated by R. Manx Ltd.
**ADDR:** Broadcasting House, Douglas Head, Douglas, Isle of Man.
**Te:** (0624) 3277. **Telex:** 629770 Manrad G.
**L.P:** Gen. Mgr: S. Watterson.
**STATIONS:** Foxdale 1368kHz 20kW — Snaefell 89MHz 0.05kW — Douglas 91.2MHz 1kW — Richmond Hill 96.9MHz 10kW.
**D.PRGRS:** 0600-0100.
**ANN:** "Manx Radio on 219 and VHF stereo".
**V.** by QSL-card. (B).

### VOICE OF AMERICA RELAY STATION IN GREAT BRITAIN

**ADDR:** Voice of America, Washington DC, 20547, USA.
**STATIONS:** Wooferton 10x250kW tr's are operated by the BBC.

| kHz | kHz | kHz | kHz | kHz | kHz | kHz |
|---|---|---|---|---|---|---|
| 5965 | 6080 | 6180 | 7200 | 9615 | 11865 | 15270 |
| 6020 | 6125 | 7120 | 7210 | 9735 | 11875 | 15280 |
| 6025 | 6130 | 7125 | 7220 | 11710 | 15120 | 15415 |
| 6035 | 6140 | 7130 | 9530 | 11740 | 15205 | 21500 |
| 6040 | 6150 | 7170 | 9565 | 11775 | 15225 | 21520 |
| 6060 | 6160 | 7180 | 9580 | 11835 | 15235 | |

**G.C:** 92.43W/52.19N.
**D.PRGR:** See USA.
**ANN, INT-SIG, V:** See main entry under "USA".

## USSR

**L.T:** See world time table — **Pr.L:** Russian, Ukrainian, Byelorussian, Uzbek, Tatar, Kazakh, Azerbaijani, Armenian, Georgian, Lithuanian, Moldavian, German, Estonian, Latvian, Chuvash, Tadzhik — **E.C:** a/c 50, 127/220V (yes).

### USSR STATE COMMITTEE FOR TELEVISION AND RADIO BROADCASTING (Gov.)

**ADDR:** Ulitsa Akademika Koroleva 19, Moscow 127 427 (Headquarters); Pyatnitskaya Ulitsa 25, 113 326 Moscow (musical, drama, childrens prgrs, Foreign Services). **Cable:** Moskva Radio. **Telex:** 411136.
**L.P:** Chmn: S.G. Lapin. Exec. Vice-Chmn: E.N. Mamedov. Vice-Chmn: V.I. Popov. (Television). Vice-Chmn (Home Sces): Yuri V. Orlov. Vice-Chmn (Ext. Sces): A.P. Evstafiev. Vice-Chmn (Finances): G.M. Sorokin. Vice-Chmn (Eng): H.Z. Yushkiavitshus. Dir. Int. Rel. (Member of the Board): L.A. Korolev. Dep. Dir. Int. Rel: Boris G. Semyonov.

#### HOME SERVICES

**Abbreviations**
1, 2, 3, 4 = Moscow 1st, 2nd, 3rd or 4th prgr — I, II = Republican 1st or 2nd prgr — F = Foreign Sce. prgrs — L = Local prgrs — LF = Local Foreign Sce. (produced outside Moscow) — C = Special city prgr — Unk = the location of the st. not known — * = Location uncertain — E = European part of the RSFSR — S = Siberia — FE = Far East.
Arm = Armenia, Az = Azerbaijan, Blr = Byelorussia, Est = Estonia, Geo = Georgia, Kaz = Kazakhstan, Kir = Kirghizia, Lat = Latvia, Lit = Lithuania, Mol = Moldavia, Tadz = Tadzhikistan, Tur = Turkmenia, Ukr = Ukraine, Uz = Uzbekistan.

| LONG & MEDIUMWAVES | | kHz | kW | H. of tr. & prgr. | |
|---|---|---|---|---|---|
| 37) | Khabarovsk kray, FE | 155 | 1000 | 1959-1500 | 1, L |
| | | | | 1500-1900 | 1 |
| | Ufa, E | 155 | 500 | 0000-2000 | 1 |
| | Tashkent, Uz | 164 | 150 | 0000-1932 | I |
| 35) | Kyzyl, S | 164 | 150 | 2200-1800 | 1, L |
| | Moscow (Noginsk), E | 173 | 500 | | |
| | Minsk | 173 | 1000 | | |
| | Kaliningrad, E | 173 | 1000 | | |
| | Lvov, Ukr | 173 | 500 | 0200-2200 | 1 |
| | Syktyvkar, E | 173 | 300 | 2200-0100 | 2 |
| | Krasnodar, E | 173 | 1000 | | |
| | Novosibirsk, S | 173 | | 2200-1800 | 1 |
| 50) | Yakutsk, S | 173 | 500 | 2000-1600 | 1, L |
| | Alma Ata, Kaz | 182 | 250 | 0000-1930 | I, L |
| | Aktyubinsk, Kaz | 182 | 150 | 0000-1930 | I, L |
| | Chita, S | 182 | 150 | 1800-1700 | 2 |
| 51) | Petropavlovsk-Kamchatskiy, FE | 182 | 150 | 1759-1400 | 1, L |
| | | | | 1400-1700 | 2 |
| | Tbilisi, Geo | 191 | 500 | 0200-2100 | I |
| 2) | Barnaul, S | 191 | 50 | 2259-1800 | I, L |
| | | | | 1800-2100 | 2 |
| 3) | Blagoveshchensk, S | 191 | 1000 | 1959-1900 | 1, L |
| | | | | 1600-1900 | 2 |
| | Moscow (Noginsk), E | 200 | 100 | 0300-0200 | 2 |
| | Leningrad, E | 200 | 150 | 0300-1600 (Su: 1800) | 2 |
| | Ufa, E | 200 | 300 | 0000-2300 | 2 |
| | Frunze, Kir | 200 | 150 | 0000-2000 | 1 |
| 54) | Irkutsk, S | 200 | 250 | 2200-1800 | 1, L |
| 52) | Aleksandrovsk-Sakhalinskiy, FE | 200 | 50 | 1759-1400 | 1, L |
| | | | | 1400-1700 | 2 |
| | Kiev, Ukr | 209 | 500 | 0256-2200 | I |
| | | | | 2215-0155 | II |
| | Nukus, Uz | 209 | 50 | 0000-1932 | I, L |
| | Blagoveshchensk, S | 209 | 30 | 2100-1800 | 2 |
| | Skovorodino, S | 209 | 30 | | |
| 10) | Novosibirsk, S | 209 | 150 | 2200-0300 | 1, L |
| | | | | 0300-1030 | 2 |
| | | | | 1030-1200 | L |
| | | | | 1200-1800 | 2 |
| | Ce. Az | 218 | 500 | 0157-2200 | I |
| 4) | Yeniseysk, S | 218 | 300 | 2200-1800 | I, L |
| 53) | Birobidzhan, FE | 218 | 30 | 1959-1503 | 1, L |
| 46) | Tyumen, S | 227 | 150 | 0000-2000 | 1, 2, L |
| | Leningrad, E | 236 | 1000 | | |
| | Arkhangelsk, E | 236 | 150 | 0200-2200 | 1 |
| | Kishinev, Mol | 236 | 1000 | 2200-0100 | 2 |
| | Kuybyshev, E | 236 | 1200 | | |
| | Kamo, Arm | 236 | 100 | | |
| | Mary, Tur | 236 | 500 | | |
| | Ce.S. | 236 | 500 | 2200-2100 | 2 |
| 6) | Magadan, FE | 236 | 1000 | 1759-1400 | 1, L |
| | | | | 1400-1600 | 2 |
| | | | | 1700-1759 | 2 |
| | Alma Ata, Kaz | 245 | 500 | 0000-2000 | 1 |
| | Karaganda, Kaz | 245 | | 0000-2000 | 1 |
| 7) | Vladivostok, FE | 245 | 1000 | 1900-1953 | 2 |
| | | | | 1953-1600 | 1, L |
| | | | | 1600-1800 | 2 |
| 8) | Kazan, E | 254 | 150 | 0200-1600 | 1, L |

| | | kHz | kW | H. of tr. & prgr. | |
|---|---|---|---|---|---|
| | Dushanbé, Tadz | 254 | 300 | 0000-1800 | I |
| | | | | 1800-1930 | 1 |
| | We.S. | 254 | | 0000-2000 | 1 |
| | Yerevan, Arm | 254 | 150 | 0200-2200 | 1 |
| | | | | 2200-0200 | 2 |
| | Moscow (Taldom), E | 263 | 2000 | 0200-2200 | 1 |
| | Karaganda, Kaz | 263 | 150 | 0000-1130 | 1, L |
| | | | | 1130-1930 | 1 |
| 9) | Chita, S | 263 | 1000 | 1959-1600 | 1, L |
| | Tashkent, Uz | 272 | 500 | 0000-2000 | 1 |
| 10) | Tomsk, S | 272 | | 2200-1800 | 1, L |
| | Khabarovsk kray, FE | 272 | 100 | 1959-1600 | 1 |
| 14) | Orenburg, E | 272 | 15 | 0100-2400 | 2, L |
| | Minsk, Blr | 281 | 500 | 0200-2200 | 1 |
| | | | | 2200-2300 | 2 (Sat) |
| | Ashkhabad, Tur | 281 | 150 | 0000-2000 | I |
| | | | | 2000-2300 | 2 |
| 5) | Sverdlovsk, S | 281 | 50 | 0000-2000 | 1, L |
| 11) | Ulan Ude, S | 281 | 150 | 2156-1700 | 1, L |
| 52) | Yuzhno-Sakhalinsk, FE | 281 | 150 | 1900-1400 | 1, L |
| | | | | 1400-1800 | 2 |
| 12) | Cheboksary, E | 531 | 30 | 0145-2200 | 2, L |
| | Unk, E | 540 | | 2300-2200 | 2 |
| | Moscow (Chkalovskaya), E | 549 | 100 | | |
| | Leningrad, E | 549 | 100 | | |
| | Kaliningrad, E | 549 | 25 | | |
| | Bobruysk, Blr | 549 | 100 | | |
| | Minsk, Blr | 549 | 1000 | | |
| | Rovno, Ukr | 549 | 150 | | |
| | Kiev, Ukr | 549 | 150 | 0000-2300 | 2 |
| | Simferopol, Ukr | 549 | 100 | | |
| | Kishinev, Mol | 549 | 1000 | | |
| | Kirovobad, Az | 549 | 65 | | |
| | Dushanbé, Tadz | 549 | 50 | | |
| | Alma Ata, Kaz | 549 | 1000 | | |
| | Omsk, S | 549 | 150 | | |
| | Yakutsk, S | 549 | 50 | | |
| | Svobodnyy, S | 549 | 150 | 1900-1800 | 2 |
| | Magadan, FE | 549 | 50 | | |
| | Vladivostok, FE | 549 | 150 | 2000-1900 | 2 |
| | Unknown, Ce. S | 558 | | 0700-0600 | 2 |
| 15) | Volgograd, E | 567 | 250 | 0200-2200 | 1, L |
| | | | | 2200-0100 | 2 |
| | Ce. S | 567 | 50 | 2200-1800 | 1 |
| | Riga, Lat | 576 | 500 | | |
| | Daugavpils, Lat | 576 | 5 | 0300-2200 | 1, I, LF |
| | Nalchik, E | 576 | 25 | | |
| | Astrakhan, E | 576 | 50 | 0100-2100 | 2 |
| | Osh, Kir | 576 | 50 | 0000-2300 | 2 |
| | Tashkent, Uz | 576 | 5 | | 2 |
| | Novosibirsk, S | 576 | 100 | 2200-2100 | 2 |
| 26) | Dudinka, S | 576 | | | L |
| | Irkutsk, S | 576 | 500 | 2100-2000 | 2 |
| | Khabarovsk, FE | 576 | 150 | 1800-1700 | 2 |
| | Petropavlovsk-Kamchatskiy, FE | 576 | 50 | 1700-1600 | 2 |
| 16) | Perm, E | 585 | 30 | 0058-2000 | 1, L |
| | | | | 2000-2400 | 2 |
| | Svobodnyy*, S | 585 | 500 | 0700-0600 | F |
| 18) | Ordzhonikidze, E | 594 | 25 | 0200-2200 | 2, L |
| 17) | Izhevsk, E | 594 | 150 | 0000-2300 | 2, L |
| | Yeniseysk, S | 594 | 150 | 2200-2100 | 2 |
| 46) | Salekhard, S | 603 | 50 | 0100-2005 | 1, L |
| | Moscow (Noginsk), E | 612 | 100 | 1630-0200 | 2 |
| | Tallinn, Est. | 612 | 100 | 0300-0200 | 2 |
| | Vilnius, Lit | 612 | 25 | | |
| | Murmansk, E | 612 | 30 | | |
| | Petrozavodsk, E | 612 | 100 | 24h | 2 |
| | Baku, Az | 612 | 25 | | |
| | Kyzyl*, S | 612 | | 2300-1800 | 2 |
| | Frunze, Kir | 612 | 300 | 2300-2200 | 2 |
| 19) | Ukhta, Komi ASSR, E | 621 | 20 | 0155-2100 | 2, L |
| 20) | Makhachkala, E | 621 | 50 | 0200-2200 | 1, L |
| | We.S | 621 | | 0000-2000 | I |
| 37) | Khabarovsk, FE | 621 | | 2000-1600 | 1, L |
| 21) | Saratov, E | 630 | 50 | 0200-0100 | 2, L |
| | Primore kray, FE | 630 | 100 | 0900-1500 | F |
| 22) | Omsk, S | 639 | 50 | 2350-2000 | 1, L |
| | | | | 2000-2300 | 2 |

| | | kHz | kW | H. of tr. & prgr. | |
|---|---|---|---|---|---|
| | Simferopol, Ukr | 648 | 150 | 0300-2200 | 1, I, L |
| | Vladivostok, FE | 648 | 1000 | 0200-0100 | F |
| 23) | Murmansk, E | 657 | 150 | 0200-2200 | 1, L |
| | | | | 2200-0100 | 2 |
| | Chernovtsy, Ukr | 657 | 25 | 0300-2200 | 2 |
| 24) | Groznyy, E | 657 | 50 | 0200-2200 | 2, L |
| | Verkhoyansk, S | 657 | 50 | | |
| | Vilnius, Lit | 666 | 500 | 0200-2200 | I |
| | | | | 2200-2300 | L, F |
| 25) | Maykop, E | 666 | 30 | 0200-2200 | 2, L |
| | Tashkent, Uz | 666 | 30 | 2355-1930 | II |
| | So. European USSR | 666 | | 0400-2100 | 3 |
| 26) | Dudinka, S | 666 | 50 | 2200-1800 | 1, L |
| | Komsomolsk, FE | 666 | 100 | 2000-1600 | 2 |
| | Uzhgorod, Ukr | 675 | 50 | 0256-2200 | I, L |
| | Volochisk, Ukr | 675 | 50 | 0256-1600 | I, L |
| | Ashkhabad, Tur | 675 | 150 | 0000-2200 | II, 2 |
| | Kustanay, Kaz | 684 | 30 | 0000-2030 | I, L |
| 27) | Anadyr, FE | 693 | 50 | 1800-1200 | 1, L |
| | | | | 1200-1500 | 2 |
| | | | | 1600-1800 | 2 |
| 28) | Ufa, E | 693 | 30 | 0100-1900 | 1, 3, L |
| | Yerevan, Arm | 702 | | 2300-2200 | 2 |
| | Dushanbé, Tadz | 702 | 50 | 2300-2000 | I |
| | Irkutsk oblast, S | 702 | | 2200-1700 | 2 |
| | Tallinn, Est | 711 | 50 | | |
| | Kohtla-Järve, Est | 711 | 5 | | |
| | Pärnu, Est | 711 | 5 | 0225-2130 | I, II |
| | Tartu, Est | 711 | 5 | | |
| | Donetsk, Ukr | 711 | 150 | 0300-2200 | 1 |
| | | | | 2200-0200 | 2 |
| 55) | Naryan-Mar, E | 711 | 30 | 0200-2200 | 1, L |
| 37) | Khabarovsk, FE | 711 | 50 | 1900-1400 | 2, L |
| 52) | Yuzhno-Sakhalinsk, FE | 720 | 500 | 0930-1600 | F |
| 29) | Chelyabinsk, S | 738 | 50 | 0053-2330 | 2, L |
| | Ust-Kamenogorsk, Kaz | 738 | 100 | | 1 |
| | Unknown, FE | 738 | | | |
| | Arkalyk, Kaz | 747 | 15 | 0130-0200 | L |
| | Karaganda, Kaz | 747 | 20 | 0000-0130 | I |
| | | | | 0200-1300 | 2 |
| | | | | 1300-1500 | I, L |
| | Uralsk, Kaz | 747 | 50 | 0000-1930 | I |
| 30) | Medvezhyegorsk, E | 765 | 150 | 0200-2103 | 1, L |
| | Odessa, Ukr | 765 | 50 | 0256-2200 | I, L |
| | Chardzhou, Tur | 765 | 30 | 0000-2000 | I |
| | Unk, FE | 765 | | 1900-1800 | 2 |
| 31) | Voronezh, E | 774 | 100 | 0200-0100 | 2, L |
| | Unk, Kaz | 774 | | 0000-1930 | II |
| | Kiev, Ukr | 783 | 100 | 0300-1515 | II |
| | Uzhgorod, Ukr | 783 | 50 | 0300-1515 | II |
| | Simferopol, Ukr | 783 | 50 | 0300-0130 | II |
| | Kazan, E | 783 | 150 | 1630-2200 | 1, L |
| | | | | 2200-0100 | 2 |
| | Spassk Dalniy, FE | 783 | 75 | 2000-1600 | 1 |
| | Unk, Kaz | 783 | | 0000-1930 | I |
| | Ashkhabad, Tur | 783 | 300 | 0100-2100 | I |
| 32) | Astrakhan, E | 792 | 50 | 0200-2100 | 1, L |
| | | | | 2100-0100 | 2 |
| | Abakan, S | 792 | 30 | 2300-1800 | 2, L |
| | Unknown, FE | 792 | | 1600-1400 | 2 |
| | Unknown, Ce. S | 792 | | 2200-1800 | 1 |
| 33) | Leningrad, E | 801 | 1000 | 0200-2200 | 1, L |
| | Baku | 801 | 150 | 0157-2200 | I, II |
| | Ust-Kamenogorsk, Kaz | 801 | 30 | 0000-1930 | I |
| | Chita, S | 801 | 1000 | 2100-0900 | 1 |
| | | | | 0930-1500 | F |
| | | | | 1600-2100 | F |
| | Voru, Est | 810 | 5 | 0300-2130 | I, II |
| | Kharkov, Ukr | 810 | 6 | | |
| | Kuybyshev, E | 810 | 30 | | |
| | Ulyanovsk, E | 810 | 50 | 0100-2200 | 2 |
| | Volgograd, E | 810 | 150 | | |
| | Sverdlovsk, S | 810 | 30 | 0100-2400 | |
| 7) | Vladivostok, FE | 810 | 150 | 2200-1400 | 1, L |
| | | | | 1500-2200 | F |
| 34) | Gorkiy, E | 828 | 50 | 0300-0200 | 2, L |
| | Kyzyl, S | 828 | 50 | 2200-1800 | I |
| | Ce.S | 828 | | 1900-1800 | 2 |
| | Kharkov, Ukr | 837 | 150 | 24h | II |
| | Baku, Az | 837 | 50 | | |

| | | kHz | kW | H. of tr. & prgr. | |
|---|---|---|---|---|---|
| | Spassk Dalniy*, FE | 837 | 50 | | |
| 1) | Moscow (Noginsk), E | 846 | 50 | 0330-1600 | 1, L |
| | Moscow, E | 846 | 7.5 | 1630-2005 | 1 |
| | Elista, E | 846 | 30 | 0145-2200 | 1, L |
| | | | | 2200-0030 | 2 |
| | Unk, Kaz | 846 | | 0000- | I |
| 36) | Penza, E | 855 | | 0200-2200 | 1, L |
| | Yerevan, Arm | 864 | 150 | 0200-1530 | I |
| | | | | 1530-2100 | F, LF |
| | | | | 2100-2200 | 1 |
| | Moscow, E | 873 | 150 | 0400-2100 | 3 |
| | Leningrad, E | 873 | 150 | | |
| | Minsk, Blr | 873 | 150 | | |
| | Kuybyshev, E | 873 | 150 | | |
| | Mezen, E | 873 | 150 | 0400-0300 | 2, 3 |
| | Kaliningrad, E | 873 | 150 | | |
| | Kiev, Ukr | 873 | | | |
| | Kishinev, Mol | 873 | 150 | | |
| 39) | Stavropol, E | 882 | 150 | 0200-2200 | 2, L |
| | Naryn, Kir | 882 | 500 | 0000-2000 | LF |
| | Baku, Az | 891 | 30 | 0200-2100 | I |
| | Uzhgorod, Ukr | 891 | 150 | 2300-1330 | 2 |
| | | | | 1330-1600 | L |
| | | | | 1600-2200 | 2 |
| 6) | Tyumen, S | 891 | 100 | 0100-2005 | 1, L |
| 38) | Yoshkar-Ola, E | 900 | 50 | 0155-2200 | 2, L |
| | Alma Ata, Kaz | 900 | 500 | 2330-0130 | LF |
| | | | | 0130-1230 | 1 |
| | | | | 1230-1630 | LF |
| | | | | 1630-2200 | F |
| | Unk, FE | 909 | | | 2 |
| 13) | Mezen, E | 918 | 100 | 0200-2200 | 2, L |
| 20) | Makhachkala, E | 918 | 50 | 0200-2200 | 2, L |
| | Moscow, E | 918 | 7.5 | 0400-2200 | F |
| | Ea.S | 918 | | 0000-2000 | 2 |
| | Unk, Tur | 927 | 50 | 0000-2000 | I |
| | | | | 2000-2400 | 2 |
| | Lvov, Ukr | 936 | 100 | 0256-1600 | I, L |
| | Lvov, Ukr | 936 | 500 | 1630-0100 | F |
| | Fort Shevchenko, Kaz | 936 | 150 | 2300-2200 | 2 |
| | Karaganda, Kaz | 936 | | 2300-2200 | 2 |
| | Riga, Lat | 945 | 50 | 0200-0100 | 2 |
| 40) | Rostov-na-Donu, E | 945 | 300 | 0100-2200 | 2, L |
| | Pavlodar, Kaz | 945 | 50 | -1930 | I, L |
| | Unk, Ea. S | 963 | | 2000-1600 | 2 |
| | Ulan Ude*,S | 963 | | 2200-1700 | |
| | Nikolayev, Ukr | 972 | 500 | 1500-2200 | F |
| | | | | 2300-0400 | 2 |
| | | | | 0400-1500 | 3 |
| | Dushanbé, Tadz | 972 | 50 | 0000-1200 | 2 |
| | | | | 1200-1830 | F |
| 52) | Yuzhno-Sakhalinsk, FE | 972 | 50 | 1759-1400 | 1, L |
| | | | | 1400-1700 | 2 |
| | Aktyubinsk, Kaz | 981 | 30 | 0000-1930 | I, L |
| | Kishinev, Mol | 999 | 100 | 0300-2205 | I |
| | Tselinograd, Kaz | 999 | 30 | 0000-1930 | I, L |
| 37) | Khabarovsk kray, FE | 999 | | 2000-1500 | 2, L |
| | Magadan, FE | 1008 | 50 | 1800-1400 | 1, L |
| | Slonim, Blr | 1008 | 50 | 0230-2200 | II, 2 |
| | Ushachi, Blr | 1008 | 50 | (Sat 2330) | |
| | Brest/Grodno/Pinsk. Blr. | 1026 | 5 | 0300-2200 | 2, II |
| | Moghilev, Blr | 1026 | 15 | | 2, II |
| | Unk, European USSR | 1026 | 5 | 0200-0500 | 2 |
| | | | | 0500-2000 | 3 |
| | Novosibirsk, S | 1026 | 200 | 0000-1500 | 3 |
| | | | | 1500-2230 | F |
| | Tallinn, Est | 1035 | 500 | 0225-2105 | I |
| | | | | 2105-2205 | LF |
| | Tbilisi, Geo | 1044 | 100 | 0300-1000 | 2 |
| | | | | 1000-1830 | II |
| | | | | 1830-2200 | 2 |
| 42) | Saransk, E | 1062 | 150 | 24h | 2, L |
| | Andizhan, Uz | 1062 | | 2355-1930 | I, II, 2 |
| | Dnepropetrovsk, Ukr | 1071 | 20 | 0300-2200 | 1 |
| | | | | 2200-0100 | 2 |
| | Riga, Lat | 1071 | 60 | | |
| | Kuldiga, Lat | 1071 | 50 | 0300-2200 | II |
| | Rezekne, Lat | 1071 | | | |
| | Valmiera, Lat | 1071 | 50 | | |

| | | kHz | kW | H. of tr. & prgr. | |
|---|---|---|---|---|---|
| | Unk, Ea.S | 1071 | | 2100-1600 | 2 |
| | Irkutsk or Ulan Ude, S | 1080 | 500 | 2200-0930 | 1 |
| | | | | 0930-2100 | F |
| 43) | Krasnodar, E | 1089 | 300 | 0100-2200 | 2, L |
| 48) | Vologda + 1 st, E | 1098 | 5 | 0145-2200 | 2, L |
| | Alma Ata, Kaz | 1098 | 150 | 0000-1930 | II |
| | Kaunas + 4 sts, Lit | 1107 | 150 | 0300-2200 | II |
| | | | | 2200-2300 | LF |
| | Nalchik, E | 1107 | 35 | 0200-2200 | 1, L |
| | Arkhangelsk, E | 1107 | 100 | | |
| 1) | Moscow, E | 1116 | 5 | 0200-2200 | 1, L |
| 44) | Kaliningrad, E | 1116 | 30 | 0200-2200 | 1, L |
| | Sochi, E | 1116 | 30 | 0200-2200 | 1 |
| | Unk, Ea. S | 1116 | | 2000-1900 | 2 |
| | Unk, FE | 1116 | | | 2 |
| 33) | Leningrad, E | 1125 | 150 | 0400-2100 | 3, 4 |
| | Unk, No. E | 1134 | | 0300-2200 | 2 |
| | Kaliningrad, E | 1143 | 500 | 0430-0630 | F |
| | | | | 0700-1330 | 2 |
| | | | | 1400-0400 | F |
| 45) | Kuybyshev, E | 1143 | 100 | 0200-2200 | 2, L |
| | Dushanbé, Tad | 1143 | 150 | 0000-1300 | II |
| | | | | 1300-1900 | 2, F, LF |
| | Unk, Ce. S | 1143 | | 2200-1700 | 2 |
| 37) | Komsomolsk, FE | 1152 | 30 | 2000-1400 | 2, L |
| 46) | Khanty-Mansiysk, S | 1152 | 25 | 0100-2100 | 2, L |
| | Dushanbé, Tadz | 1161 | 1000 | 1800-2100 | F |
| | Baranovichi, Blr | 1170 | 1000 | 1600-2300 | F |
| | Krasnodar, E | 1170 | 500 | 0100-1500 | 2 |
| | | | | 1530-2130 | F |
| | Ulan Ude, S | 1170 | 250 | 0000-1600 | 3 |
| | | | | 1600-2100 | F |
| | | | | 2200-2400 | 1 |
| | Minsk, Blr | 1197 | 50 | 0300-2300 | 2, II |
| | Guryev, Kaz | 1206 | | 0000-1930 | 1, L |
| | Orissaare, Est | 1215 | 30 | | |
| | Tartu, Est | 1215 | 50 | 0225-2103 | I |
| | Chimkent, Kaz | 1224 | 150 | 0000-1930 | I, L |
| | Unk, Ce. S | 1224 | | 2200-1700 | 2 |
| | Kiev, Ukr | 1242 | 150 | 1545-2200 | II |
| | | | | 2200-2400 | LF |
| | Volochisk, Ukr | 1242 | 50 | 1615-2200 | II |
| | Simferopol, Ukr | 1242 | 50 | | |
| | Donetsk, Ukr | 1242 | 30 | 24h | II |
| | Odessa, Ukr | 1242 | 30 | | |
| 46a) | Cherkessk, E | 1251 | 5 | | 2, L |
| | Vladivostok, FE | 1251 | 1000 | 0930-1500 | F |
| | | | | 1530-2100 | F |
| | | | | 2200-2230 | F |
| | | | | 2300-0900 | F |
| | Gorkiy, E | 1278 | 100 | | |
| | Saratov, E | 1278 | | 0400-2100 | 3 |
| | Volgograd, E | 1278 | | 2100-0300 | 2 |
| | Rostov-na-Donu, E | 1278 | 50 | | |
| | Odessa, E | 1278 | 150 | | |
| | Baranovichi, Blr | 1278 | | 0400-1500 | 3 |
| | Ce. S | 1278 | | 2200-1700 | 2 |
| | Unk, Caucasus | 1287 | | 0200-2200 | 2 |
| | Unk, Kaz | 1287 | | 0000-1930 | I |
| | Unk, FE | 1287 | | | 2 |
| | Baku, Az | 1296 | 150 | 0157-2200 | II, F, LF |
| | We. S | 1305 | | 0000-2000 | 2 |
| | Yerevan, Arm | 1314 | 250 | 1600-2100 | F |
| | Ce. Asia | 1323 | | 0000-2000 | 1 |
| | Tskhinvali, Geo | 1323 | 30 | 0200-2100 | 2 |
| | Kohtla-Järve, Est | 1332 | 15 | | |
| | Pärnu, Est | 1332 | 30 | 0225-2200 | I |
| | Voru, Est | 1332 | 30 | | |
| | Alma Ata, Kaz | 1332 | 30 | 0000-2000 | 1 |
| | Ft. Shevchenko, Kaz | 1341 | 25 | 0000-1930 | I |
| | Kuldiga, Lat | 1350 | 20 | 0300-2200 | I, LF |
| | Cesvaine, Lat | 1350 | 50 | | |
| | Yerevan, Arm | 1350 | 150 | | |
| | Sukhumi, Geo | 1350 | 50 | 0200-2100 | I, L |
| 1) | Moscow, (Chkalovskaya), E | 1359 | 15 | 0200-2200 | 2, 3, 4 |
| | Ce. S | 1359 | | 2200-1700 | 2 |

| | kHz | kW | H. of tr. & prgr. | |
|---|---|---|---|---|
| Novosibirsk, S | 1368 | 500 | | |
| Chernovtsky, Ukr | 1377 | 50 | | |
| Lutsk, Ukr | 1377 | 50 | | |
| Skalat, Ukr | 1377 | 25 | 24h | II |
| Tokmak, Ukr | 1377 | 25 | | |
| Vinnitsa, Ukr | 1377 | 30 | | |
| Sisian, Arm | 1377 | 25 | 0200-2200 | I |
| Vladivostok, FE | 1377 | 30 | 1900-1500 | 2 |
| Kaliningrad, E | 1386 | 1000 | 0400-1400 | 1 |
| | | | 1500-0100 | F |
| Simferopol, Ukr | 1395 | | 0300-2200 | 2 |
| Unk, Ea. E | 1395 | | 0400-2100 | 3 |
| Lvov, Ukr | 1404 | 30 | | |
| Dnepropetrovsk, Ukr | 1404 | 30 | 24h | II |
| Izmail, Ukr | 1404 | 25 | | |
| Naryn, Kir | 1404 | 5 | 2300-1930 | I |
| Volgograd, E | 1413 | 50 | | |
| Batumi, Geo | 1422 | 30 | 0200-2100 | I, L |
| Liepaja, Lat | 1422 | 5 | | |
| Rezekne, Lat | 1422 | 5 | 0300-2100 | I |
| Valmiera, Lat | 1422 | 50 | | |
| Ce. S | 1422 | | 0000-2000 | I |
| Krivoy Rog, Ukr | 1431 | 500 | 1530-2200 | F |
| Osh, Kir | 1431 | 50 | 0000-2000 | I |
| Przhevalsk, Kir | 1431 | 50 | 0000-2000 | I |
| 47) Kalinin, E | 1449 | 30 | 0200-0600 | 1, L |
| | | | 0600-2100 | 3, L |
| | | | 2100-2200 | 1 |
| Kishinev, Mol | 1449 | 50 | 0200-2200 | 2, II |
| Unecha, E | 1449 | 5 | 0200-2200 | 2 |
| Arkalyk, Kaz | 1458 | 15 | 1100-1930 | I, L |
| Unk, So. Ea. E | 1458 | | 0200-2100 | |
| Ea. S | 1458 | | -1900 | 2 |
| Kudymkar, E | 1458 | 30 | 0000-2000 | I, L |
| Unk, Mol | 1467 | | 0300-1500 | II |
| | | | 1500-2300 | 2 |
| Frunze, Kir | 1467 | 30 | | |
| Osh, Kir | 1467 | 15 | 0000-2004 | I, II |
| Lvov, Ukr | 1476 | 120 | 0400-1530 | 2 |
| Baku, Az | 1476 | 25 | 0157-2200 | II |
| Vladivostok, FE | 1476 | 150 | 0300-0200 | F |
| Vilnius, Lit | 1485 | 2 | | |
| Kharkov, Ukr | 1485 | 1 | 0300-2200 | 1 |
| Kiev, Ukr | 1485 | 2 | | |
| Unk, Ea. S | 1485 | | 2000-1600 | 2 |
| Leningrad, E | 1494 | 150 | 1530-0100 | |
| | | | (Wi 0600) | |
| Komrat, Mol | 1494 | | 0200-2200 | 2, II |
| Beltsy, Mol | 1494 | | | |
| Kzyl Orda, Kaz | 1503 | | 0000-1930 | I |
| Belgorod, E | 1503 | | 0145-2200 | 2 |
| Dushanbé, Tadz | 1503 | 5 | 0000-1900 | 1 |
| Tallinn, Est | 1512 | 30 | 0225-2200 | 1, L |
| Sochi, E | 1512 | 30 | 0400-2100 | 3 |
| Unk, No. E | 1512 | | 0400-2100 | 3 |
| No. E | 1521 | 5 | 0300-2200 | 2 |
| Unk, Chuvash ASSR | 1512 | | 0200-2200 | 2, L |
| No. E | 1521 | 5 | 0300-2200 | 2 |
| Unk, We. Ukr | 1530 | 5 | 0245-0200 | 2 |
| Liepaja, Lat | 1539 | 5 | | |
| Daugavpils, Lat | 1539 | 5 | 0300-2200 | II |
| Cesvaine, Lat | 1539 | 5 | | |
| Samarkand, Uz | 1539 | | 0000-1930 | I, III |
| Yalta, Ukr | 1539 | 25 | 0245-0200 | 2 |
| Taldy Kurgan, Kaz | 1548 | 20 | 0000-1930 | I, L |
| Unk, Ukr or Mol | 1548 | 1000 | 1530-2300 | F |
| Kaunas, Lit | 1557 | 75 | | |
| Klaipeda, Lit | 1557 | 5 | 0200-2200 | II |
| Veshintos, Lit | 1557 | 50 | 2200-2300 | LF |
| Unk, Az | 1557 | | 0200-2200 | II |
| Leningrad, E | 1566 | 60 | 0300-2200 | 2, 4 |
| Unk, Ukr | 1566 | 5 | 0300-2200 | 2 |
| Odessa, Ukr | 1566 | 5 | 0400-2000 | 3 |
| Yerevan, Arm | 1566 | 5 | 0100-2200 | 2 |
| Unk, FE | 1566 | | 2000-1600 | 1 |
| Semipalatinsk, Kaz | 1575 | 10 | 0000-1900 | I, L |
| Yuzhno-Sakhalinsk, FE | 1575 | 5 | 1800-1400 | 2 |
| Yerevan, Arm | 1586 | | 0100-2200 | 2 |
| Dnepropetrovsk, Ukr | 1593 | 5 | 0300-0200 | 2 |
| Kishinev, Mol | 1593 | 5 | 0300-0200 | 2 |
| Baku, Az | 1593 | 5 | | |
| Dushanbé, Tadz | 1593 | 5 | | |
| Unk, FE | 1593 | | -2000 | 2 |

## SHORTWAVES

The USSR authorities have not supplied official details of shortwave facilities. Information submitted to the International Frequency Registration Board appears to be largely inaccurate and out-of-date. Nevertheless, intensive monitoring, combined with such aids as detailed maps, permits tentative listings to be compiled.

**Domestic Services on Shortwaves** (Including 60mb Ext. Sces) Powers quoted are estimates. *) low power, below 50kW.

| Stations | kHz | kW | H. of tr. | Prgr. |
|---|---|---|---|---|
| 35) Kyzyl, Tuva ASSR, S | +3995 | * | 0000-1800 | 1, L |
| Khabarovsk, FE | 3995 | 50 | (Wi only) | 2 |
| Yuzhno-Sakhalinsk, S | +3995 | 50 | 1855-1400 | 1, L |
| Frunze, Kir | +4010 | 50 | 0000-2000 | I |
| 27) Anadyr, FE | +4030 | * | 1759-1400 | 1, L |
| | | | 1500-1759 | 2 |
| Semipalatinsk, Kaz | 4040 | 15/5 | 0130-0200 | L |
| | | | 1345-1500 | L |
| Vladivostok, FE | 4040 | 50 | 0500-0400 | 2 |
| Yerevan, Arm | +4040 | * | 0200-2100 | I |
| Frunze, Kir | +4050 | 50 | 0000-2004 | II |
| Kalinin, E | 4055 | 50 | 0400-2100 | 3 |
| Kharkov, Ukr | 4060 | 100 | 1400-2200 | F |
| | | | (Wi only) | |
| Chimkent, Kaz | +4310 | 15/5 | 0130-0200 | L |
| | | | 1345-1500 | L |
| Yakutsk, | | | | |
| Yakut ASSR, S | 4395 | 50 | 2100-1600 | 2, 3 |
| Kokchetav, Kaz | +4420 | 15/5 | 0100-0200 | L |
| | | | 1345-1500 | L |
| 28) Ufa, Bashkir | | | | |
| ASSR, E | +4485 | 50 | 0200-1600 | 1, L |
| 51) Petropavlovsk- | | | 1700-1800 | 2 |
| Kamchatskiy, FE | +4485* | | 1800-1400 | 1, L |
| | | | 1400-1600 | 2 |
| Fergana, Uz | +4510* | | 1100-1200 | L |
| 49) Palana, FE | +4520* | | Sat 0700- | L |
| | | | 0800, Sun | |
| | | | 0700-0900 | |
| Khanty-Mansiysk, S | +4520 | 50 | 0000-2000 | 2 |
| Alma Ata, Kaz | 4545 | 50 | 0000-1930 | I |
| Khabarovsk, FE | 4610 | 50 | 2000-1400 | 1, L |
| Pavlodar, Kaz | +4615 | 15/5 | 0130-0200 | L |
| | | | 1345-1500 | L |
| Dushanbé, Tadz | 4635 | 50 | 0000-0200 | I |
| Dzhambul, Kaz | +4760 | 15/5 | 0130-0200 | L |
| | | | 1345-1500 | L |
| 30) Petrozavodsk, | | | | |
| Karelian ASSR, E | +4780 | 50 | 0200-2100 | 1, L |
| Baku (relay), Az | +4785 | 50 | 0157-2200 | I |
| 11) Ulan Ude, Buryat | | | | |
| ASSR, S | +4795 | * | 2156-1700 | 1, L |
| 50) Yakutsk, | | | | |
| Yakut ASSR, S | 4800 | 50/100 | Variable | 1, L |
| Salekhard, S | +4810 | * | inactive | |
| Yerevan, Arm | 4810 | 50 | 0200-1300 | 1 |
| | | | 1300-2000 | II |
| 46) Khanty-Mansiysk, S | +4820 | 50 | 0000-2000 | 1, L |
| Ashkhabad, Tur | +4825 | 50 | 0000-2100 | I |
| | | | 2000-2200 | 2 |
| 50) Yakutsk, | | | | |
| Yakut ASSR, S | 4825 | 50/100 | (Wi. only) | 1, L |
| Vladivostok, FE | 4825 | 100 | 0930-1500 | F |
| Kharkov, Ukr | 4825 | 100 | (Wi. only) | F |
| Tashkent, Uz | 4850 | 50 | 0000-1800 | II |
| 9) Chita, S | +4860 | * | 2100-1600 | 1, L |
| Kalinin, E | 4860 | 100 | 0400-0630 | 3 |
| | | | 1330-2100 | 3 |
| | | | 2200-0400 | F |
| | | | (Wi only) | |
| Uralsk, Kaz | +4875 | 15/5 | 0330- | |
| | | | 0400W | |
| | | | 1300-1500 | L |

| | Stations | kHz | kW | H. of tr. | Prgr. |
|---|---|---|---|---|---|
| | Ashkhabad, Tur | +4895 | 50 | 0200-2000 | II |
| | | | | 2000-0100 | 2 |
| 46) | Tyumen, S | +4895 | * | 24h | 1, 2, L |
| 50) | Yakutsk, | | | | |
| | Yakut ASSR, S | 4920 | 50/100 | Variable | 1, L |
| | Ashkhabad | +4930 | 50 | 2330-2200 | |
| | Tbilisi, Geo | 4930 | 50 | 0140-2200 | |
| | Kiev, Ukr | 4940 | 50 | 0145-0245 | II |
| 50) | Yakutsk, | | | | |
| | Yakut ASSR, S | 4940 | 50/100 | (Wi. only) | 1, L |
| | Baku (local), Az | +4958 | 50 | 0200-2200 | II |
| 26) | Dudinka, S | +4975 | * | | |
| | Dushanbé, Tadz | 4975 | 50 | 0000-1330 | II, F |
| | Yerevan, Arm | 4990 | 50 | 0200-2200 | L, III, LF, 1 |
| 7) | Vladivostok, FE | 5015 | 50 | 1700-1930 | 2 |
| | | | | 1930-1600 | 1, L |
| 13) | Arkhangelsk, E | +5015 | 50 | 0200-2200 | 2, L |
| | Alma Ata, Kaz | 5035 | 50/100 | 0200-1200 | II |
| | | | | 1230-2230 | LF |
| | | | | 2330-0130 | LF |
| | Tbilisi, Geo | 5040 | 50 | 0200-2105 | I |
| 30) | Petrozavodsk | +5065 | 50 | 0200-2100 | 1, L |
| | Karelian ASSR, E | | | | |
| | Alma Ata, Kaz | 5260 | 50/100 | 0000-1800 | II |
| 4) | Krasnoyarsk, S | 5290 | 100 | 2200-1800 | 1, L |
| | Unk, Blr | +5900 | 3×15 | 0400-2100 | 3 |
| | Moscow, E | 5910 | 50 | 0200-0100 | 1, 2 |
| | Tashkent, Uz | 5925 | 50 | 2355-1930 | 1 |
| | Tallin, Est | +5925 | 50 | 1600 (Sun 0800)-2205 | I, F |
| 23) | Murmansk, E | +5930 | 50 | 0200-2100 | 1, L |
| | Tbilisi, Geo | +5930 | 15 | 1800-1930 | LF |
| | Riga, Lat | +5935 | 50 | 0300-2200 | 2, LF |
| 6) | Magadan, FE | +5940 | 50 | 1500-1400 | 1, 2, L |
| | Alma Ata, Kaz | 5960 | 50/100 | 0000-1800 | II |
| | Alma Ata, Kaz | 5970 | 50/100 | 0000-1800 | I |
| | Komsomolsk, FE | 5970 | 50 | 1900-1800 | 2 |
| | Kiev, Ukr | 6020 | 100 | 0415-1100 | II |
| | | | | 1200-1645 | II |
| 54) | Irkutsk, S | 6090 | 50 | 2200-0100 | 1, L |
| | | | | 0100-0830 | 2 |
| | | | | 0830-1200 | 1, L |
| | | | | 1200-1700 | 2 |
| | Kaunas, Lit | +6100 | 50 | 1530-2300 | I, LF |
| | Baku (relay), Az | +6110 | 50 | 0000-1700 | 2, LF, F |
| | Ashkhabad, Tur | +6125 | 100 | 0430-2000 | 1 |
| | Baku (relay), Az | +6135 | 50 | 0200-1700 | II, F |
| | | | | 1800-2100 | LF, F |
| | | | | 2100-2200 | II |
| | Alma Ata, Kaz | 6180 | 50/100 | 0000-1800 | I |
| | Baku (local), Az | 6195 | 50 | 0200-0100 | 2 |
| 50) | Yakutsk, | | | | |
| | Yakut ASSR, S | 7100 | 50/100 | Variable | 1, L |
| 50) | Yakutsk, | | | | |
| | Yakut ASSR, S | 7200 | 50/100 | Variable | 1, L |
| | Khabarovsk, FE | 7210 | 50 | 2000-1500 | 1, L |
| | | | | 1500-1900 | 2 |
| | Minsk, Blr | 7210 | 15 | 0300-2200 | I |
| 50) | Yakutsk, | | | | |
| | Yakut ASSR, S | 7265 | 50/100 | Variable | 1, L |
| 6) | Magadan, FE | +7320 | 50 | 1400-1300 | 1, 2, L |
| 50) | Yakutsk, | | | | |
| | Yakut ASSR, S | 7345 | 50/100 | Variable | 1, L |
| 6) | Magadan, FE | +9500 | 50 | 1400-1300 | 1, 2, L |
| | Alma Ata, Kaz | 9505 | 50/100 | 0000-1800 | I |
| | Unk, Blr | +9545 | 15 | 0300-2200 | 2, II |
| 6) | Magadan, FE | +9600 | 50 | 1500-1400 | 1, 2, L |
| | Minsk, Blr | +9645 | 50 | 0300-2200 | I |
| | Kaunas, Lit | +9710 | 50 | 0600-1500 | I |
| | Unk, Blr | 9725 | 15 | 0955-2200 | II, 2 |
| | Alma Ata, Kaz | 9780 | 50/100 | 0000-1930 | I |
| | Unk, Blr | +9795 | 50 | 0300-2200 | I |
| 52) | Yuzhno-Sakhalinsk, | | | | |
| | FE | +11840 | 50 | 1855-1215 | I, L |
| | Alma Ata, Kaz | 11950 | 50/100 | 0000-1930 | I |
| | Moghilev, Blr | +11995 | 5 | 0300-2200 | I |

**NB:** St's listed above are known to operate all the year round on the same freq (exc. Wi = winter only). Many other st's relaying R. Moscow Home Sces may be found above 5900kHz. These tr's may also be used for Foreign Sces and change freqs acc. to season. The locations and estimated total number of these tr's and their powers are listed at the start of the Foreign Sce. section.
+ = tr. only listed above.

**PROGRAMMES**

**1st prgr:** A general style prgr intended for all-union coverage. Key freq's are 173 and 236kHz. It is also relayed in part by many local sts and by the 1st prgrs of the republics. Because of the vast time differences between East and West there are five editions; R. Orbita-1 UTC + 11, + 12, + 13 time zones 1800-1400; R. Orbita-2 UTC + 9, + 10 time zones 2000-1600; R. Orbita-3 UTC + 7, + 8 time zones 2200-1800; R. Orbita-4 UTC + 5, + 6 time zones 0000-2000, 1st Prgr. UTC + 3, + 4 time zones 0200-2200.

**2nd prgr:** Mayak (lighthouse): A musical prgr. intended for all-union coverage featuring all kinds of music. On the h and half h there are 5-10 mins of news, interviews and/or reports preceded by the interval signal. At times also carries live sports commentaries. This prgr. is on the air continuously. Key freq's: 200, 549, 576, 612kHz, also relayed in part by many local sts.

**3rd prgr:** Mainly a musical and literary prgr. Three timeshifted versions with identical contents are broadcast. **3 dubl** (Siberia): 0000-1700 to time zones UTC + 7, 8, 9h. **3: dubl** Ural: 0200-1900 to time zones UTC + 5, 6h. **3:** 0400-2100 to time zones UTC + 3. 4h.

**Republican 1st prgrs:** The republics have their own 1st prgrs which in most cases consist of relays of Moscow 1st prgr. and own prgrs in Russian and the main language of the republic. In the Baltic republics separate Russian and own language prgrs are broadcast.

**Republican 2nd prgrs:** Most republics have a 2nd prgr. in the main language of the republic. The total time span varies from a few hours to 24h. These prgrs usually have a special name, which is the only station identification used.

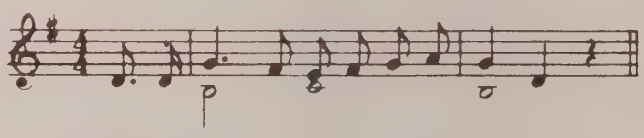
**Local prgrs:** Most districts (ASSR kray, oblast, okrug) have their own local prgrs, which are broadcast for a few hours a day on a transmitter within or near the district. These prgrs consist of local news and weather, press review and locally produced features. Prgrs in local languages are also included where applicable.

**City prgrs:** Special locally produced evening prgrs are broadcast for some major cities.

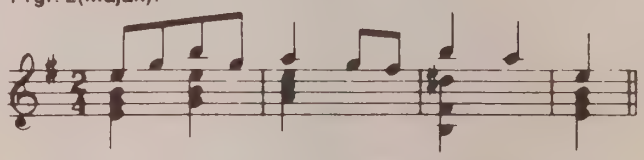
**Polar prgr:** 1500-1530 (Mon, Wed) on SW 31, 41 mb (freqs variable).

**FM:** 66-73MHz. Most MW-LW prgrs are also carried by FM trs, especially in densely populated areas. Furthermore special stereo prgrs are broadcast from many centres.

**STATION IDENTIFICATIONS:** In Russian the originating studio is usually identified by "Govorit" and name of city. Announcements in other languages are found under the sts concerned — **INT-SIG:** 1st prgr at sign on and Foreign Sce:



Prgr. 2(Majak):



**VERIFICATIONS:** R. Moscow acknowledges reports for F prgr's by QSL-card. The report should normally be written in the language of the prgr. On request some sections of R. Moscow will indicate the site of the transmitter together with the freq. on the card but experience has shown that the site indicated in many cases differs from the one actually used. QSL's for regional st's are usually received from Alma Ata, Tallinn, Riga, Vilnius, Minsk, Kiev, Tashkent, Baku and Yerevan, especially for reports on foreign sce prgrs. Other regional sts rarely verify reports directly. In some cases reports in Russian are, however, accepted, especially from listeners in other Socialist countries.

**ADDRESSES:** Usually "Radio" + name of city + republic will do.

**PUBLICATIONS:** Details of the all-union programmes are published in "Govorit y Pokazyvayet Moskva" (Moscow speaking and showing), which is issued weekly in three editions. Numerous regional and local papers, magazines and leaflets give details of republican and local prgrs.

**Sources:** Official information not received for the home sce. section. All information collected and compiled by WRTH monitors and collaborators.

**Addresses and other information**
**N.B:** Calendar days refer to local time.
**RSFSR**
1) Ulitsa Akademika Koroleva 19, Moscow 127427. **Prgrs. to Moscow district:** 846kHz (0330-2005) and 66.44MHz (0300-2200). **L:** Mon-Fri 0340-0400, 0810-0830, 1500-1530; Sat, Sun 0730-0800 (Sun 0900), 1215-1300; otherwise relay 1.
**Prgrs to Moscow city:** 1116kHz (0200-2200), and 72.92MHz. **L:** Mon-Fri 0345-0400, 0525-0545, Tues-Fri 0810-0815; Mon, Wed, Fri 1500-1540; Tues, Thurs 1500-1600; Sat 0525-0545, 0730-0750, 1215-1300; otherwise relay 1.
**1st prgr:** 173/263kHz, 72.92MHz 0200-2200.
**2nd prgr:** 200kHz 0300-0200, 549kHz 0000-2300, 612kHz 1630-0200, 67.22MHz 0200-2200.
**3rd prgr:** 873kHz/69.8MHz 0400-2100.
**4th prgr:** 1300 (Sat/Sun 0600)-2100 on 1359kHz and 69.8MHz, also on 1125/1566kHz (Leningrad).
This prgr. also in stereo (musical prgr) on 72.14MHz Mon, Tues, Thurs 1600-2000; Wed, Fri 1400-2000, Sat, Sun 0700-1900.
**Prgrs for foreigners:** 918kHz 0400-2200 relay of R. Moscow World Service (English).
2) Ul. Novaya d.4, 656099 Barnaul. **L:** Prgrs from Barnaul and Gorno-Altaysk. (Gorno-Altaysk: 0115, 0835, 1215 in Russian and Altaic).
3) **L:** 2120-2140, 2230-2240W, 2230-2300 (Sun), 2315-2345 (Sat/Sun), 2325-2400 (Tues-Fri), 2345-2400 (Mon), 0215-0300 (Tues-Fri), 0515-0600 (Sat), 0515-0615 (Sun), 0940-1010 (Wed/Thurs), 0940-1030 (Tues/Fri), 0940-1040 (Mon), 1115-1200 (Fri), 1215-1315 (Mon/Wed/Sat).
4) Ul. Mechnikova 44-a, Krasnoyarsk. Also relayed on 792kHz (Abakan). Extensive local prgr's, incl. 2340-2400 (Mon-Fri), 0050-0100, 1125-1200 (Mon-Fri), 1250 (Thurs 1230)-1345 (W).
5) Studio: Sverdlovsk. **L:** 0130-0200 Mon-Fri, 0215-0300 D, 0315-0400 Mon-Fri, 0410-0440 D, 0525-0600 Mon-Fri, 1145-1200 Mon-Fri, 1215-1400 Sat, 1500-1540 Mon-Fri.
6) **L:** 1930-1940, 2035-2100, 2125-2200, 2300-2315 (Mon-Fri), 0015-0045 (Mon-Fri), 0115-0130, 0215-0300 (Mon-Fri), 0330-0400 (Mon-Fri), 0715-0815 (Sun), 0735-0815 (Mon-Fri). (0815-0900 rel. Chuckchi/Eskimo prgr. from Anadyr on 5940/9600kHz).
7) Ul. Uborevitsa 20-A, Vladivostok-Central 690000. **L.** on **245/5015kHz:** 1930-2015 (5015kHz), 1953-1959 (245kHz), 2029 (Sun 2058)-2103, 2140 (Sat/Sun 2120)-2200 (Tues-Sun), 2230 (Mon/Tues 2240)-2300, 2315-2345 (Sat/Sun), 0215-0300 (Tues-Fri), 0815-0900, 0940-1010 (Mon-Wed), 0940-1030 (Thurs/Fri), 1230-1315 (Mon). On **810kHz:** 2230-2330, 0045-0100, 0700-0815 (Sat/Sun 1200) 0900-1200 (Mon-Fri), 1215-1400. Produces Radiostantsiya Tikhiy Okean (R. St. Pacific Ocean), broadcast on various SW freqs 0815-0900, 1930-2015, locally also 1315-1400. Segment in **English** Sat 0847-0852, 2005-2010.
8) **Kazan: L.** in **Russ/Tatar** on 254kHz r. 0410-0500, 1540-1600; on 783kHz: r. W 1620-1800. **Kirov: L.** r. on 254kHz 0230 (Sun 0215)-0300, 1400-1500. **Ulyanovsk:** Ul. Simbirskaya 5, Ulyanovsk. **L.** r. 0300-0400, 1500-1540 on 254kHz.
9) **L:** 1959-2003, 2120-2200, 2229-2240 (Sun 2259); 2320-2345 (W), 0215-0300 (Mon-Fri), 0315-0400 (Sat), 0515-0600 (W), 0940-1010 (Mon-Fri), 1115-1200 (Fri), 1215-1315 (Wed/Sat).
10) Ul. Vertkovskaya 10, Novosibirsk 630048. **L:** 2340-2400; W 0050 (Mon/Wed 0030)-0100; D 0115-0125; Sat 0345-0400; Wed/Thurs/Fri/Sun 0415-0500; Sun 0515-0615; Thurs/Sat 0715-0800 (Sat 0755); W 1130 (Tues 1115)-1200; Wed 1235-1330; Mon 1400-1500. **N:** Tues-Fri 0050-0100, Mon-Fri 1145-1200.
**Tomsk:** Mon-Sat 0033, Mon 2340, Tues-Sat 0125, Mon-Sat 1115.
11) **L:** 2156-2200, 2214-2300, 2315-2330, 0015-0030, 1125-1159 (Mon-Fri).
12) Ulitsa Nikolaeva 20, Cheboksary 42800. **L:** Mon-Fri 0230-0300, Sat 0320-0340, Sun 0310-0340, 1300 (Fri 1200)-1400, 1500-1540 (Thurs/Fri 1600), Fri 1615, Sat 1430.
13) Ul. Popova 2, Arkhangelsk. **L:** 0315, 0415; Mon 0515-0545, Tues 0515-0600, 1500-1540, Mon/Wed/Fri 1620-1700, Wed 1700-1730, Fri 1720-1750; Sat 1000-1100, 1120-1200, 1300-1400.
14) Dom Sovietov, 460015, Orenburg. **L:** W 0130-0200, D 0410-0440, Mon-Fri 1215-1300, 1500-1540. Relay 1 1300-1500, otherwise relay 2.
15) Dom Svyazi, Volgograd 400066. **L:** W 0230-0300, Sun 0410-0440, W 0525-0545, Sun 1215-1300, W 1500-1540, Wed 1630-1730.
16) Ul. Tekhnicheskaya 21, GSP-128, Perm. **L:** 0057-0059, 0215 (Mon-Fri), 0330 (D), 0540 (Sun), 1315 (Sat), 1500 (Mon-Fri).
17) Ul. Kommunarov 216, Izhevsk 426000. **L:** Mon-Fri 0230-0330, 1300-1440 or 1400-1650, Sat 0310-0700, Sun 0310-0500.
18) **L:** Mon-Fri 0310-0445, 1200-1300, 1400-1440; Sat 1000-1200, Sun 1100-1200.
19) Oktyabrskiy pr. 160, Syktyvkar 167610. **L:** in **Russ/Komi** 1500-1540 (Thurs/Fri 1600), W 0340, Sat 0520; Sun 0700, 0930.
20) Ul. Magomed-Gadzhieva 188, Makhachkala 367005. **L.** in **Russian:** D 0230, Mon-Sat 1400, Sat 0700; Sun 0415, 1030, 1430. At various times prgrs in **Dargin, Lezgin, Avar, Lak** and **Kumyk.**
21) Dom Radio, Saratov. **L:** Mon-Sat 0420-0500, 1500-1540; Mon-Fri 0330-0400, 0635-0700; Sat 0730-0800, 0930-1000, 1400-1500.
22) Prospekt Mira, 1, Omsk 644008 — **L:** W 0130-0140, D 0215 (Mon 0220)-0230, Mon 0515-0530, Sat 1000-1200, Mon-Fri 1200-1230 & 1315-1600, Sun 1200-1300. **German:** Fri 0515-0600.
23) per Rusanova 7, Murmansk 183767. **L:** Sun 0410, Tues 0420, D 0515, Sun 0730, Sat 0820, Mon-Fri 1000, Sat 1215, Mon-Fri 1500-1540, Mon/Wed 1630.
24) Dom Radio, ul. imeni Dzerzhinskogo, Groznyy 364021. **L:** in **Russian, Chechen** and **Ingush:** Tues/Thurs/Fri 0400-0600, 1200-1500; Mon/Wed 0315-0600, 1200-1600; Sat 0240-0500, 0620-1300; Sun 0315-0500, 0715, 1115-1500.
25) **L:** W 0215, 0445, 1200-1300.
26) Ul. Sovietskaya 6, Dudinka. **L: Russian** Mon-Fri 0115, 0600, Sat 0730. **Dolgan, Nenets** Mon-Wed, Fri 1400.
27) **L:** r. 1825-1859 & 1940-1959 (Sun-Fri), 2015-2035 (Tues/Wed), 2215-2259 (W), 0615-0659 (Mon-Sat), 0815-0900 (Mon-Fri). Rel. Magadan 1930-1940, 2035-2059, 0715-0815 (Sun) 0735-0815 (Mon-Fri).
28) Ul. Gafuri 13/1, Ufa 450076. **L.** in **Russian/Bashkirian** 0200-0330 (Sun 0300), 0410-0500 (Sun), W 0800-0900 (Sat 1140), Sun 0700-1000, Mon-Fri 1200-1600.
29) **Chelyabinsk: L:** D 0054-0100, W 0140-0200 & 0215-0300, D 0515-0600, Sat/Sun 1215-1230, Thurs 1230-1300, Mon-Wed/Fri 1400-1500, Thur/Fri 1500-1530. **Kurgan: L:** W 0315-0330, W 0410-0440, Mon-Fri 1300-1400.
30) Ul. Frunze 20, 185630, Petrozavodsk. **L: Russian, Karelian:** Mon, Thurs 0330; Mon-Fri 0420, 0515, 0615, 1215, 1500-1540 (Thurs-Fri 1600), Sat 0515, 0705, 1400; Sun 0515, 1215.
31) Ul. Karl Marxa 114, 394625 Voronezh. **L:** Mon-Fri 0420, Sun 0515-0600, Sat 1000, Sun 1300, Mon-Fri 1500-1600.
32) **L:** 0410-0440, 1500-1540.
33) Ul. Rakova 27, Leningrad 191011.
34) Korpus 2, Kreml, Gorkiy. **L:** Mon-Fri 0330-0400, 0525-0545, 0810-0830, 1500-1530; Thurs 1230-1300, Thurs/Sat 1530-1600; Sat 0525-0545, 1000-1100.
35) **L:** r. 0015-0115, 1200-1300.
36) **L:** 0230, 0315, 0515, 0810, 1500.
37) **1st prgr** 155/621/7210kHz, also 4610kHz to 0700: **L:** 2029 (Mon 2015)-2104, 2140 (Sat 2120)-2200, 2230-2300; 2315-2400, 0215-0300 (Mon-Fri), 0420-0500 (Sat), 0515-0600 (Mon-Fri), 0515-0615 (Sun), 0940-1010 (W), 1045-1200 (W). (Other times not known). **2nd prgr** on 711/999/1152/4610kHz: 0700-1300L, other times M2.
38) **L:** in **Russ/Mari:** Mon-Fri 0230, 0310, 1500-1540 (Mon-Thurs), 1500-1600 (Fri); Sat 0230-0330, 1400-1600; Sun 0310, 1400-1600.
39) 0230-0300, 0415-0445, 1000, 1300/1400-1500.
40) **L:** Mon-Fri 0330-0400, 0530-0600, 0910-0915, 1500-1530; Sat/Sun 0515-0545, Sat 0800-0900, Tues 0810-0830, Sat 0915-1030, Mon 1620-1650, Wed 1620-1800.
42) Ul. Dokuchayeva 29, Saransk. **L.** in **Russian,** and **Mordovian:** W 0310, Mon/Tues/Thurs 1300-1500, Wed 1400, Sun 0415.
43) Ulitsa Radio 5, Krasnodar 350630 — **L:** Wed/Thurs 0240, W 0315, Sun 0515, Sat 0620, Sun 0715, Mon-Fri 0755, D 1400.
44) **L:** W 0415, D 0515, Sat 0800, Sun 0815, Fri 1300, Sun-Thurs 1500. Sat 2300-2400 prgr for fishermen ("Amber Coast") on 1143 or 1386kHz.
45) **L:** Ul. Sovyetskoy Armii 205, 443 724 Kuybyshev, 061, 866SP. Mon-Fri 0340-0400, 0415-0430, 0440-0500, 0515-0540, 0955-1000, 1600-?; Sat/Sun 0515-0600.
46) **Tyumen** (on 603/891/1152/4820/4895kHz), Telecenter, Permyakova 6, 625 013 Tyumen. **L:** 0235 (Sat 0230, Sun 0215)-0300, Mon-Fri 0315-0400, Mon-Sat 0420-0430, Sat 0515-0600, Mon-Fri 1445-1600. **Khanty-Mansiysk** (on 1152/4820kHz): **L:** (incl. **N.** in **Khanty and Mansi**) Mon-Fri 0215-0235, Sat 0410-0430, Sat 1300-1400, Mon-Fri 1400-1445.

46a) Dom Radio, Cherkessk. **L:** in Russ, Karachai, Cherkess, Abazin & Nogai on 1251kHz: D 0315-0400, 0710 (Sat 0720)-0800, Sun-Fri 1300-1400, Sat 1410-1500, D exc. Tues & Sat 1630-1745, Thurs 1800-1900.
47) Ul. Bagzhanova 37, Kalinin. **L:** 0340-0400; W 0420-0440, 0515-0600; Mon-Fri 1500-1540.
48) Ul. Menzhinskogo 32, Vologda 160000. **L:** Sun 0340-0400; W 0230-0300, 0420-0440.
49) **L:** r. Sat 0600-0800, Sun 0700-0800.
50) Dom Radio, Ordzhonikidze 48, Yakutsk 677892. **L:** in Russ, Yakut 2120-2140, 2230-2300, 2325-2400, 0400-0500 (Mon-Fri), 0515-0600 (Sat 0700, Sun 0615), 0940-1010 (Mon-Wed), 0940-1030 (Thurs/Fri).
51) Dom Radio, Sovietskaya 31, Petropavlosk-Kamchatskiy. **L:** 1825 (Sat 1815)-1859, 1930-1959 (Sun/Mon 1939), 2035-2059 (W), 2125-2159 (Fri/Sat), 0015-0045 (Tues-Fri), 0115-0159 (Sat), 0415-0459 (Sat), 0715-0814 (Thurs/Sun), 0735-0814 (Mon-Fri). **FS:** Kamchatkaya Rybatskaya: Fri/Sun 1800-1900 on 9580 (Wi)/15245 (Su)/12050kHz.
52) Dom Radio, Ul. Komsomolskaya 211, 693000 Yuzhno-Sakhalinsk. **L:** 1930-2000, 2035-2100, 2125-2200, 0020-0100 (Sun), 0115-0130 (Sun-Fri), 0215-0300 (Mon-Fri), 0715-0815 (Sun). **Korean:** 0735-0800 (972kHz).
53) **L:** 2145-2200, 0345 (Sat 0315)-0400 (W), 1000-1010 or 1030 (Mon-Fri).
54) **L:** 2230-2300, 0300-0100, 0830-0900, a.o.
55) **L:** 1500-1600, 1630-1715, a.o.

**ARMENIA**
5 Mravian Str, Yerevan. **I:** 0200-2200 on 254/1377/4040kHz, 0200-1300 also on 864/4810/4990kHz. 0215-2100 own prgrs in **Armenian** and **Russian,** otherwise relay 1. **II:** (Tsiatsan): 1300-2000 on 4810kHz in **Armenian.**
**ANN:** "Khosume Yerevana" or Yerevanne Khosum".
**V.** by QSL-card (for F only).

**AZERBAIJAN**
Ul. M. Guzeina 1, 370011 Baku. **I:** 0200-2200 on 218/801/4785kHz. Own prgrs in Azerbaijani and relay 1. **II** (Araz): 0200-2200 on 1296/1476/1557/4958/6135kHz. Own prgrs in **Azerbaijani.**
**ANN:** Danishyr Baku" — **V.** by QSL-card.

**BYELORUSSIA**
**Minsk:** Ul. Krasnaya 4, Minsk 220807. **I:** On 281kHz 0200-2200 in **Russian** and **Byelorussian.** Rel. on SW on 7210/9645/9795/11995kHz. **II:** (Krynitsa): in **Byelorussian** on 1008/1026/1197/9545/9725kHz W 0600-1200. **Moghilev L:** 11995kHz 0420, 1500 (Mon-Fri).
**ANN:** "Havorits Minsk" — **V.** by QSL-card.

**ESTONIA**
Eesti Raadio, Lomonossovi 21, 200100 Tallinn. **I:** 0230-2103 (with breaks for F or Russian prgrs) on 1035/1215/1332kHz. Own prgrs in **Estonian** except for a few newscasts in **Russian. II** (Vikerraadio): 0230-2130 on 711/810kHz. Own prgrs in **Estonian:** W 0805 (Mon 0900)-1000, 1100-1200, 1400-1800, 2000-2130; Sat 0700-0800, 0830-1000, 1100-1630, 1900-2130; Sun 0700-1100, 1200, 1800, 1900-2130. Other times relay I. **Russian:** Mon-Fri 0930-1100, Sat/Sun 0800-1000 on 1215/1332/1512kHz.
**ANN:** "Siin Tallinn" — **V.** by QSL-card.

**GEORGIA**
**Tbilisi:** 68, Lenin Str, Tbilisi, 380015. **I in Russian, Georgian, Armenian, Azerbaijani** on 191 and 5040kHz 0200-2100. Partly also on 1350/1422kHz. **II** (Tbilisi-288) on 1044kHz 1300-1830 (until 1430 relay FM prgr).
**ANN:** Georgian: "Laparakobs Tbilisi".
**Sukhumi:** Abkhazskoi Radio, Sukhumi, Abkhas ASSR. 1350kHz W 0600-0730, 1315-1500; Sun 0700-1000 in **Russian, Georgian, Abkhaz, Batumi;** 1422kHz Mon-Fri 0600-0700, 1315-1500; Sat/Sun 0730-0930 in **Russ, Georgian.**
**Tskhinvali:** 1323kHz 0410, 0705, 1315 — **V.** Rarely.

**KAZAKHSTAN**
**Alma Ata:** Ul. Mira 175-A, Alma Ata 480013. **I:** 0000-1930 on 182/4545/5970/6180/9780/11950kHz and relayed by local sts. Own prgrs in **Russian** and **Kazakh:** Mon-Fri 0000-0015, 0130-0140, 0200-0300, 0315-0400, 0415-0430, 0515 (Tues-Fri 0545)-0900 (Fri 0800, Sun 0730), Fri 0830-0900, Sun 0800-0900, 0910-1000 (exc. Sat/Sun), Mon-Fri 1200-1245, Sat 1200-1300, Sun 1230-1300, 1315 (Fri 1415)-1530, 1600-1645 (Sun 1750). Other times relay 1.
**German:** r. 0630-0647. Other times not known. **II** (Shalkar) in **Kazakh:** 0000-1800 on 1098/5260/5960/9505/5035kHz. **L:** Local prgrs on most sts of I prgr: W 0130-0200, 1345-1500.
**ANN:** Kazakh: "Almatydan söilep turmys" — **V.** Occasionally (re. in G).

**KIRGHIZIA**
Dom Radio, Pr. Molodoy Gavardii 63, 720885 Frunze 10, GSP: **I:** 0000-2000 on 882/1404/1431/4010kHz. Own prgrs in **Russian** and **Kirghizian:** D 2315-2330, 0015-0030, 0130-0140 (Mon), 0200 (Sun 0130)-0300, W 0315 (Mon, Wed 0335)-0400, W 0415-0430 (Sat 0500), D 0515-0900 (Sun 0705), Sun 0720-1100, Mon-Fri 0915-0945, Sat 0910-1000, W 1000-1100, Mon-Fri 1200-1240, Sat 1200-1245, Sun 1230-1245, D exc. Thurs 1300 (Mon, Wed 1320)-1530, W 1600-1700.
**II:** 0000-2004 on 1467/4050kHz. Own prgrs in **Russian** and **Kirghizian:** Mon-Fri 0100-0200, Wed/Thurs 0100-0130, Wed/Thurs 0440-0500, 0600 (Sun 0615, Tues 0635)-0700 (Sun 0800), Mon/Tues/Fri 0840-0900, Sun 1230-1400, Mon-Fri 1315-1500. Other times relay I or 1.
**V.** rarely, by letter, for rpts in Russian.

**LATVIA**
Latvijas Radio, 17. junija Laukoma 8, Riga 226935 (Foreign Sce: Box 266, Riga). **I:** 0300-2200 (exc. for F prgrs) on 576/1350/1422kHz. Own prgrs in **Latvian** and some relays of 1 at 0500, 0615 (Sun), 1200 (W), 1230 (Sun), 1900, 2100 (Mon). **II:** 0300-2200 on 1071/1539kHz. Mainly relay 1, with some own prgrs in **Russian** and **Latvian** at 0340, 0525, 0700 (Fri), 1200 (W), 1500.
**ANN:** "Runa Riga, Pareizs laiks . . ." — **V.** by QSL-card.

**LITHUANIA**
Lietuvos Radijas, Konarskio 49, Vilnius. **I:** 0200-2200 on 666/1557/9710kHz. Own prgrs in **Lithuanian** 0300-2200 exc. for **Russian:** 1200-1300 (Sat 1230), 1500-1510. Relay 1: 0200-0300, 0500-0515, 1900-1930. **II:** 0300-2200 on 1107kHz. Own prgrs in **Lithuanian** exc. for a few relays of 1. Kaunas **L:** W 0610-0630. Partly duplicates I. **Polish:** On 1107kHz 1600-1630.
**ANN:** "Kalba Vilnius" — **V.** by QSL-card.

**MOLDAVIA**
Kotovskoye Shosse 64, 277028 Kishinev. **I:** 0300-2200 on 999kHz. Own prgrs in **Moldavian:** 0300-0400, 0430-0500, 0515-0600, 0615-0800, 0810-0900, 0910-1200, 1215-1400, 1500-1600, 1620-1900, 1930-2050, 2100-2200. Own prgr. in **Russian:** 1530-1540. **II** Luceafărul: 0200-2200 on 1449, 1467 (0300-1500 for compatriots in Romania), 1494kHz. Mainly own prgrs in **Moldavian.**
**ANN:** "Aici este postul de Radio Chisinau", "Aici Luceafărul."
**V.** Does not verify.

**TADZHIKISTAN**
Tadzhik Radio, Ul. Chapaeva 25, 734025 Dushanbé. **I:** 0000-1800 on 254/702/4635kHz. Own prgrs in **Russian/Tadzhik/Uzbek** (approx): 0000-0030, 0215-0300, 0315-0400 (W), 0515-0545, 0600-0700, 0800-0900, 0900-1000 (Sun), 1000-1100, 1200-1300, 1400-1800. **II:** 0000-1300 on 1143/4975. Own prgrs in **Tadzhik/Uzbek** and **Russian:** 0230-0300, 0600-0700, 0910 (Mon 0925)-1300. At other times relay I.
**ANN:** Tadjik: "Injo Dushanbé".
**V.** Does not verify.

**TURKMENIA**
**Ashkhabad: I.** 0100-2100 on 281/783/927/4825kHz. Own prgrs: **Russian:** 0100-0215 (Mon 0200, Sun 0230), 0230-0300, 0315-0330, W 0410-0440, 0515-0600, 0615 (Sun 0645)-0700, 1320 (Sun 1310)-1400, 1615-1900. **Turkmenian:** 0700-0900, W 1310-1320, 1500-1600, Tues/Sat 1700-1750. **Bilingual:** Sun 0410-0500. **II:** 0200-0900, 1300-1800 on 675/4895kHz. Own prgrs in **Russian:** 1300 (Sun 1350)-1530 (Sun 1500), W 1530-1600 (Mon 1700, Tues 1630, Wed 1615, Thurs 1600, Fri/Sat 1800), Wed 1700-1800. **Turkmenian:** Sun 1530-1630, Thurs 1600-1800, Wed 1615-1700. **Bilingual:** Sun 1300-1350. Other times relay 1.
**ANN:** Turkmenian: "Gepleyär Ashkhabad" — **V.** Does not verify.

**UKRAINE**
**Kiev:** 26 Kreshchatik Ave, Kiev. **I:** in **Russian/Ukrainian:** 0200-2200 on 209/675/711/1071kHz, partly also on 648/765/936kHz. **II**

(Promin): 24h in **Ukrainian** on 783/837/1242/1377/1404/4940kHz, partly also on 209/6020kHz.
**ANN:** Ukrainian: "Hovorit Kyyiv". — **V.** by QSL-card (for F only).
**Simferopol:** Krimskoye Radio, Ul. Studencheskaya 11, Simferopol. **L:** Tues-Sun 0410-0440; 0530-0545 (Sat/Sun 0600), Sat 1400-1500, Mon-Fri 1545-1615 in **Russian.**
**Khmelnitskiy:** Ul. R. Lyuksemburg 95, Khmelnitskiy. **L.** reported Mon-Fri 1500 on 675kHz.
**Uzhgorod:** Kievskaya nab. 18, Uzhgorod. **L.** reported Mon-Fri 0520, 1510 on 675kHz. On 891kHz: **Moldavian** 1330-1400, **Hungarian** 1400-1500.
**Odessa:** Yaroslavskogo 43b, Odessa. **L.** in **Russian/Ukrainian:** W 0420-0440, Tues-Fri 0530-0550, Sat 0520-0600, Sun 0515-0600, Mon 0530-0545, Mon 1330-1400, Sat 1400-1530, Mon-Fri 1510-1540, 1600-1900. **Moldavian** Tues-Sat 0910-0930 (Sat 1000).
**Lvov:** Ul. Vatutina 6, Lvov. **L:** W 0420-0440, Tues-Sun 0520 (Sun 0515)-0600, Sat/Sun 0910-1000, Mon-Fri 1200-1215, Sun-Fri 1330-1400, Sat 1400-1500, Mon-Fri 1510-1540, Sat 1530-1600 in **Ukrainian.**

**UZBEKISTAN**
Khorezmskaya 49, Tashkent, 700047 GSP. **I:** 0000-1930 on 164/1539/5925kHz. Own prgrs in **Uzbek, Russian, Tadzhik, Tatar** and **Kazakh,** and relay 1. **II:** 0000-1930 on 666/4850kHz. Own prgrs and relay 1. **III:** 0000-1930 on 1062/1539kHz. Own prgrs and relay I.
**ANN:** "Tashkentdan gapiramis" — **V.** by QSL-card (for F only).

## FOREIGN SERVICES

**Mediumwave Facilities:** Included in the Home Service LW/MW listing.

**Shortwave Facilities:** As explained in the Home Sce SW listing, all details are tentative.

**Transmitters carrying Foreign Sce and/or Home Sce prgrs** (in addition to those listed in Home Sce SW section): Alma Ata I, Kaz (G.C: 43.30N/77.01E): 17x50/100kW — Alma Ata II, Kaz (G.C: 43.39N/77.56E): 4x500kW — Blagoveschensk, S: 1x50kW — Chita (Aleksandrovka), (G.C: 51.50N/113.43N): 3x500kW — Crimea, Ukr (separate site from Yevpatoriya): 2x50kW — Dushanbé, Tadz (G.C: 38.35N/68.44E): 2x250kW, 3x500kW — Far East: 2 or 3 tr's (sites unknown) — Irkutsk, S: 3x50kW, 2x100kW, 2x250kW, 2x500kW — Kalinin, E (G.C: 56.38N/36.29E): 2x50/100kW, 3x100kW, 1x250kW — Khabarovsk, FE: 9x50kW (3 used as feeders), 6x100kW, 1x240kW — Kharkov, Ukr (location tentative): 3x100kW — Kiev, Ukr: 7x50/100kW — Komsomolsk, FE: 4x50kW, 2x200kW — Krasnodar, E: 6x120kW, 1x250kW, 2x240kW, 2x500kW — Krasnoyarsk, S (G.C: 56.04N/93.11E): 1x100kW, — Leningrad, E (G.C: 59.39N/30.42E): 9x100kW — Lvov, Ukr: 3x200kW, 1x500kW — Minsk, Blr (G.C: 54.11N/27.14E): 3x100kW, 1x240kW — Moscow (central): 1x100kW, 1x500kW — Moscow, Ea (Noginsk): 6x120kW, 1x250kW — Moscow We: 8x240/250kW — Moscow (Taldom) (G.C: 56.44N/36.29E): 2x240/250kW, 1x500kW — Nikolayev, Ukr (location tentative): 5x500kW — Novosibirsk West, S (G.C: 54.56N/82.24E) 14x50/100kW — Novosibirsk North-East, S (Stantsionno Oyashinskiy, G.C: 55.31N/83.45E): 2x250kW, 3x500kW — Odessa, Ukr (location tentative): 2x50kW — Petropavlovsk-Kamchatskiy, FE (G.C: 52.04N/158.45E): 4x100/120kW — Serpukhov, E: 3x50kW, 1x100kW — Sverdlovsk, S: 9x50/100kW — Tashkent, Uz (G.C: 41.12N/ 68.44E): 6x50/100kW, 6x100/120kW — Tbilisi, Geo: 4x50kW — Tula, E: 6x100kW — Ulan Ude, S (G.C: 51.54N/108.02E): 2x50kW — Ulyanovsk, E (listed as Kazan) (G.C: 54.04N/48.38E): 10x100/120kW, 4x240kW, 2x250kW — Vladivostok, FE (Razdolnoye, G.C: 43.32N/131.57E): 6x50/100kW, 1x250kW, 2x500kW — Yakutsk, S: 5x50/100kW — Yerevan I, Arm: 4x50kW — Yerevan II, Arm: 4x120kW, 2x500kW — Yevpatoriya (listed as Simferopol), Ukr (G.C: 45.15N/33.07E): 2x240kW, 3x500kW.

**Frequencies**
For each transmission a number of trs at various locations are selected. Many of the transmissions from regional centres are aired over facilities located outside the respective republics. For transmissions to the Americas, relay trs located in Sofia and Plovdiv in Bulgaria and Havana, Cuba, are also used. A tr. on 1323kHz in GDR is used for transmissions to Western Europe 1600-0400. Furthermore a number of prgrs are transmitted over the home service facilities of the target countries. Advance details of exact frequencies are not supplied by the authorities in the USSR.

**BROADCASTS IN RUSSIAN**
**Fifth Prgr:** This Sce. operates 24h. It consists of relays of the Home Sce. 2nd prgr. ("Mayak") exc. for the following (All prgr's 1h earlier during summer):

| | |
|---|---|
| 0030-0130 | Dlya tekh kto v more (for those at sea) |
| 0130-0200 | News |
| 0200-0300 | Radiostantsiya Rodina (R. St. Homeland) |
| 0500-0530 | News, music |
| 0600-0700 | Relay of 1st prgr. |
| 0700-0715 | News (relay of 1st prgr) |
| 0715-0800 | Dlya tekh kto v more |
| 0900-0930 | To Soviet specialists abroad (Tues, Fri), other days news, (rel. 1st prgr), music 0900-1000· |
| 1200-1230 | Relay of 1st prgr. |
| 1300-1400 | Radiostantsiya Atlantika (R. St. Atlantic Ocean) |
| 1400-1500 | Radiostantsiya Rodina |
| 1600-1630 | News, music |
| 1630-1730 | Radiostantsiya Atlantika |
| 1730-1800 | To Soviet specialists abroad (Tues). |
| 1900-1930 | News |
| 2000-2100 | Radiostantsiya Rodina |
| 2200-2230 | News |
| 2330-0030 | Radiostantsiya Rodina |

**NB:** At times when these special prgrs are on the air, listeners may hear the Home Sce 2nd Prgr simultaneously on other freqs. The latter may be either domestic SW tr's or Foreign Sce tr's which use this prgr as a fill-in between prgrs in other languages.
**Vladivostok:** Radiostantsiya Tikhiy Okean: See Home Sce. st. 7).
**V.** Radiostantsiya Rodina by QSL-card.

## RADIO MOSCOW
**Addr:** Radio Moscow, Moscow. (Visiting addr: Pyatnitskaya Ulitsa 25).

**WORLD SERVICE IN ENGLISH**
R. Moscow World Sce. operates round the clock on a large number of freqs. See "Last Minute Information" for monitored freqs. This sce is beamed to various parts of the world as follows:
To Europe: 24h
To Africa: 0300-2300
To Near & Middle East: 0300-1700
To Asia & Far East: 2300-1800
To North America: 0000-0800, 1100-2400.
To Australia & New Zealand: 2100-1400, 1500-1600.
For details of additional English prgrs beamed to the United Kingdom & Ireland, and North America, see below.

**GENERAL SERVICE IN FRENCH**
0500-0700 & 1700-2200 to Europe & Africa. See "Last Minute Information" for monitored freqs.

**BROADCASTS IN OTHER LANGUAGES**
a) to 2nd March, b) from 3rd March.
**TO EUROPE**

| **Albanian** | **m.b.** |
|---|---|
| 1500-1530 | 25b, 31, 41a, 49 |
| 1530-1600 | 25b, 31, 41a, 49, 62, 210a |
| 1800-1900 / 1930-2000 / 2030-2100 | 25b, 31, 41, 49, 210a |
| 2100-2130 | 25b, 31b, 41, 49b, 62a |
| 2130-2200 | 25b, 31b, 41, 49, 62a, 210a |
| **Bulgarian** | |
| 1630-1730 | 25b, 31, 41, 49, 210a |
| **Czech/Slovak** | |
| 1600-1730 / 1800-1900 | 25b, 31, 41, 49, 62a, 256 |
| 1900-2000 | 31b, 41, 49, 62a, 256 |
| **Danish** | |
| 2000-2100 | 31b, 41a, 49, 201 |

| **Dutch** | **m.b.** |
|---|---|
| 1730-1800 / 1830-1900 | 41, 49 |
| **Finnish** | |
| 1530-1600 / 1700-1800 | 31, 41, 49a, 201 |
| **English*** | |
| 2000-2100 | 25b, 31b, 41, 49 |
| *) to U.K. & Ireland. | |
| **German** | |
| 1000-1100 | 16, 22, 25, 31, 227, 1141(W) |
| 1600-1700 | 25b, 31b, 41, 49, 216, 227 |
| 1700-2030 | 31b, 41, 49, 216, 227 |
| 2100-2130 | 31b, 41, 49, 227 |
| **Greek** | |
| 1600-1630 / 1730-1800 | 25b, 31, 41, 49, 210a |
| 1800-1830° | 25b, 31, 41, 49a, 256 |
| °) to Cyprus | |

| Greek | m.b. |
|---|---|
| 1900-1930 } 2000-2030 } | 25b, 31, 41, 49, 210a |
| 2100-2130 | 31, 41b, 49, 210a |
| **Hungarian** | |
| 1730-1800 | 25b, 31, 41, 49, 62a, 256 |
| 2000-2100 | 31b, 41, 49, 62a, 256 |
| **Italian** | |
| 1800-1900 | 31b, 41, 49a |
| 2000-2100 | 31b, 41, 49a, 194 |
| 2100-2200 | 31b, 41, 49a, 194, 256, 321 |
| **Macedonian** | |
| 1800-1830 | 31b, 41, 49, 321a |
| **Norwegian** | |
| 1630-1700 } 1800-1900 } | 31, 41, 49a, 201 |
| **Polish** | |
| 0430-0630 | 25b, 41, 49, 263 |
| 1400-1500 | 25b, 31b, 49, 74, 263 |
| 1500-1600 | 25b, 31, 49, 74, 263 |
| 1600-1800 | 31, 41, 49, 74, 263 |
| 1800-2100 | 31b, 41, 49, 74, 263 |
| 2100-2200 | 41, 49, 74, 263 |
| **Portuguese** | |
| 1800-1900 | 25b, 31, 41, 49a |
| 2100-2200 | 19b, 25b, 31, 41, 49a |
| **Romanian** | |
| 1600-2000 | 31b, 41, 49, 62a, 194 |
| 2000-2100 | 31b, 41, 49, 62a |
| **Serbo-Croat** | |
| 1700-1800 } 1830-1930 } | 31b, 41, 49, 321 |
| 2000-2100 | 41, 49, 321 |
| **Slovene** | |
| 1930-2000 | 31b, 41, 49, 321 |
| **Spanish** | |
| 1900-2100 | 25b, 31, 41, 49a |
| 2000-2100 | 25b, 31, 41, 49a |
| 2100-2130 | 25, 31, 41, 49, 62a, 227 |
| 2200-2300 | 25b, 31, 41, 49a |
| **Swedish** | |
| 1900-2000 | 31, 41, 49a, 201 |

**TO AFRICA**

| Amharic | |
|---|---|
| 1530-1700 | 16b, 19, 22b, 25, 31a |
| **Bambara** | |
| 1800-1830 } 1930-2000 } | 22b, 25, 31 |
| **Fulani** | |
| 1900-1930 | 22b, 25, 31 |
| **Hausa** | |
| 0430-0500 | 19, 25, 31 |
| 1800-2000 | 25, 31 |
| **Malagasy** | |
| 1500-1600 | 16b, 19, 25, 31a |
| 1700-1730 | 16b, 19a, 22b, 25, 31a |
| **Ndebele** | |
| 1730-1800 | 19b, 22b, 25, 31b |
| **Portuguese** | |
| 0345-0400 | 13b, 16b, 19, 22, 25, 31a |
| 0445-0500 | 13b, 16, 19, 25, 31a |
| 1830-1900 } 2000-2100 } | 22b, 25, 31 |

| Shona | m.b. |
|---|---|
| 1700-1730 | 19, 22b, 25, 31a |
| **Somali** | |
| 1600-1700 | 16b, 19a, 25, 31a |
| **Swahili** | |
| 0330-0345 | 13b, 16b, 19, 22, 25, 31a |
| 0430-0445 | 13b, 16, 19, 25, 31a |
| 1730-2030 | 22b, 25, 31a |
| **Zulu** | |
| 1800-1830 | 19b, 22b, 25, 31a |

**TO NEAR & MIDDLE EAST**

| Arabic | |
|---|---|
| 0400-0430 | 16b, 19b, 25, 31, 41 |
| 1500-1530 | 16, 19, 25, 31, 41, 49a, 60, 309 |
| 1530-1630 | 16, 19, 25, 31, 41, 49a, 256, 309 |
| 1700-1730 | 19b, 25b, 31, 41a, 49, 228, 256, 263, 347 |
| 1730-1830 | 25b, 31, 41a, 228, 309 |
| 1830-1900+ | 25b, 31, 41a, 228, 256, 347 |
| 1900-2100 | 19b, 25b, 31, 41, 49, 228, 231, 256, 309 |
| 2100-2130+ | 19b, 22b, 25b, 31, 41, 49, 256, 309 |

+) also to No. Africa

| Dari | |
|---|---|
| 1300-1400 | 19b, 22, 25, 31a, 262, 309 |
| 1500-1600 | 16b, 19b, 25b, 41a, 309 |
| 1700-1800 | 19b, 25b, 31a, 41a, 49, 309 |
| **Persian** | |
| 1100-1130 | 13, 16, 19, 31 |
| 1500-1530 | 19, 25, 31, 41a, 347 |
| 1700-1900 | 19b, 25b, 41a, 49, 231 |
| **Pushtu** | |
| 1200-1300 | 16, 19b, 22, 25, 31a, 309 |
| 1400-1500 | 19b, 25, 31b, 41a, 309 |
| 1600-1700 | 19b, 25b, 31, 41a, 49b, 263, 309 |
| **Turkish** | |
| 1400-1500 | 19b, 25, 31, 41 |
| 1530-1600° | 19b, 25, 31a, 41 |
| 1630-1730 | 25b, 31a, 41, 49a, 309 |
| 1830-1900 | 25b, 31, 41, 49, 309 |

°) to Cyprus

**TO SOUTH-EAST ASIA**

| Assamese | |
|---|---|
| 1300-1330 | 13b, 16b, 19, 25, 31a, 41a |
| **Bengali** | |
| 1200-1230 | 16, 19, 25b, 41b |
| 1330-1415 | 13b, 16b, 19, 25, 41a |
| 1500-1600 | 13b, 16b, 19, 25, 31a, 41a |
| **Burmese** | |
| 1030-1100 | 13, 16, 25 |
| 1230-1300 | 13, 16, 19 |
| 1430-1500 | 13, 16, 19a, 25 |
| **Gujarati** | |
| 1230-1300 | 16, 19, 25, 41a |
| 1400-1430 | 16b, 19, 25 |

| Hindi | m.b. |
|---|---|
| 1130-1200 | 13, 16, 19, 25, 31a, 41a |
| 1230-1300 | 13b, 16, 19, 25, 31, 41a |
| 1400-1430 | 16, 19, 25, 31 |
| 1530-1630 | 16b, 19b, 25, 31, 41a |
| **Indonesian** | |
| 2300-2330 | 19b, 25, 31a, 41a |
| 1130-1230 | 13, 16, 19 |
| 1330-1430 | 13b, 16, 19b, 25a, 31a |
| 1500-1530 | 13b, 16, 19, 25, 31, 41a |
| **Kannada** | |
| 1100-1130 | 16b, 19, 22, 25 |
| 1300-1330 | 16b, 19, 25, 41a |
| **Khmere** | |
| 1030-1100 | 16, 19, 25 |
| 1230-1300 | 16, 19, 25, 31, 41a |
| 1330-1400 | 16, 19b, 25, 31, 41a |
| **Laotian** | |
| 1030-1100 | 13, 16, 19b, 25b, 31, 41a |
| 1130-1200 | 16, 19, 25 |
| 1300-1330 | 19, 25b, 31, 41a, 49a |
| **Malayalam** | |
| 1130-1200 | 16, 19, 25 |
| 1330-1400 | 16b, 19, 25 |
| **Marathi** | |
| 1200-1230 | 16, 19, 25 |
| 1430-1500 | 16b, 19, 25, 31a, 41a |
| **Nepali** | |
| 1400-1500 | 19, 25, 31a |

| Oriya | m.b. |
|---|---|
| 1415-1500 | 13b, 16b, 19, 25, 41a |
| **Punjabi** | |
| 1130-1200 | 13b, 16, 19, 22 |
| 1330-1400 | 16, 19, 31, |
| **Sinhalese** | |
| 1500-1600 | 16b, 19, 25 |
| **Tamil** | |
| 1230-1300 | 16b, 19, 25 |
| 1400-1430 | 16b, 19, 25, 31a, 41a |
| **Telugu** | |
| 1200-1230 } 1430-1500 } | 16b, 19, 25 |
| **Thai** | |
| 1100-1130 | 13, 16, 19, 25 |
| 1330-1440 | 13, 16, 19, 25, 31b, 41a |
| **Urdu** | |
| 1000-1030z | 13, 16, 19, 22 |
| 1100-1130z | 13, 16, 19 |
| 1200-1230x | 13b, 16, 19, 25a, 31 |
| 1300-1330z | 16, 19, 25, 31 |
| 1430-1500x | 16, 19, 25b, 31 |
| 1500-1530z | 16, 19, 25b, 31, 41a, 263 |

x) to India, z) to Pakistan

| Vietnamese | |
|---|---|
| 1000-1030 } 1100-1130 } | 13, 16, 19, 25 |
| 1200-1230 | 16, 19, 25, 31, 41a |
| 1300-1330 | 16, 19b, 25 |
| 1400-1430 | 16, 19b, 25, 31, 41a, 49a |
| 1430-1500 | 16, 19, 25, 31, 41a, 49a |

**TO THE FAR EAST**

**Chinese:** 0000-0200, 0300-0400, 0500-1430, 1600-1700, 1800-1900, 2000-2200, 2300-2330.

**Freq's used:** a large number of SW freq's in the 13/16/19/25/31/41/49/60m.b, plus the following MW freq's: 585/648/801/810/900/1026/1080/1170/1251/1368/1476kHz (times variable).

| Japanese | m.b. |
|---|---|
| 2200-2230 | 25b, 31, 41, 49, 240, 417 |
| 0930-1200 | 25b, 31, 41, 49, 240, 417, 476 |
| 1200-1300 | 19b, 25b, 31, 41, 49, 240, 417, 476 |
| 1400-1500 | 25b, 31b, 41, 49, 240, 417, 476 |
| **Korean** | |
| 0900-0930 | 19, 25, 31, 41a, 203 |

| Korean | m.b. |
|---|---|
| 0930-1100 | 19, 25, 31, 62, 203 |
| 1100-1200 | 19, 25, 31a, 62, 203 |
| 1330-1400 | 25b, 31, 41, 49, 62, 203 |
| **Mongolian** | |
| 0600-0650 | 16, 19, 25 |
| 0930-1030 | 19, 31a, 278, 375 |
| 1200-1245 | 31, 41, 49, 278, 375 |

**TO NORTH AMERICA**

| English | m.b. |
|---|---|
| 2300-0400e | 16, 19, 25, 31, 41, 49 |
| 0400-0800w | 19b, 25b, 31, 41a 49a |

e) to Ea. Coast, w) to We. Coast.

**TO LATIN AMERICA**

| Quechua | m.b. |
|---|---|
| 0100-0130 | 25, 31 |

°) Mon/Thurs

| Spanish | |
|---|---|
| 2300-0100 | 25, 31, 41 |
| 0100-0200 | 25b, 31, 41 |
| 0200-0400 | 25, 31, 41 |
| 0400-0500 | 25b, 31, 41 |

**TO LATIN AMERICA**

| Portuguese | |
|---|---|
| 2200-0100 | 25, 31, 41a |

**EXTERNAL BROADCASTS FROM SOVIET REPUBLICS**

**N.B:** Some broadcasts may be one hour earlier when USSR summertime is in force (April 1-Oct 31).

## RADIO ALMA ATA

**ADDR:** See Home Sce.

| Kazakh | Freq's |
|---|---|
| 1330-1400 } 1400-1430 } | All year: 900, 5035kHz |
| 1500-1530 } 1600-1630 } | varying with season: 49, 41 m.b. |

## RADIO BAKU

**ADDR:** See Home Sce.
**TO MIDDLE EAST** on 1296/6110/6135kHz: **Arabic:** 1600-1700. **Persian:** 0330-0415, 1100-1145, 1400-1500. **Turkish:** 1200-1300, 1500-1600.
**ANN:** Azerbaijani: "Danishir Baku". Arabic: "Huna Baku". Persian: "Inja Baku". Turkish: "Burasi Baku" — **V.** by QSL-card.

## RADIO DUSHANBE

**ADDR:** See Home Sce.

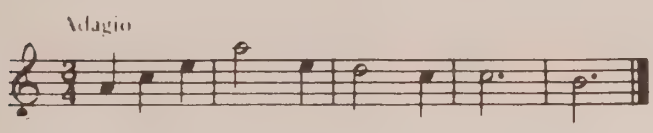
| Dari | kHz | Persian | kHz |
|---|---|---|---|
| 0200-0300 | 4975, 1143 | 1530-1600 | 7275, 1143 |
| 1230-1300 | 4975, 1143 | 1730-1800 | 7275, 1143 |
| 1400-1500 | 7275, 1143 | | |
| 1800-1830 | 7275, 1143 | | |
| | 972 | | |

## RADIO KIEV

**ADDR:** Radio Center, Kiev, Ukrainian SSR.

| English | m.b. | Moldavian | m.b. |
|---|---|---|---|
| 1900-1930 | 41, 49 | 2000-2030 | 194 |
| 0030-0100° | 16b, 19, 25a, 31 | **Ukrainian** | |
| 0300-0330° | 16b, 19, 25a, 31, 41 | 1800-1830 | 41, 49 |
| | | 1930-2000 | 41, 49 |
| **German** | | 2230-2400 | 241 |
| 1700-1730 | 41, 49 | 2200-2300° | 16b, 19, 25a, 31, 41 |
| 2200-2230 | 41, 49, 241 | | |
| | | 0330-0400° | 31, 41 |

°) To No. America — a) to 2nd March — b) from 3rd March.
**INT-SIG.**




**ANN:** "Havoryt Kiev". E: "This is R. Kiev". G: "Hier ist R. Kiev".
**V.** by QSL-card.

## RADIO LENINGRAD

**ADDR:** Ul. Rakova 27, Leningrad 191011.
**Russian:** Fri 2200-2300 on 1494/6200/9560 (Su)/9590 (Wi)kHz.

## RADIO MINSK

**ADDR:** See Home Sce.
**Byelorussian:** 1800-1830 (R. Moscow tr's) in 31/49 mb (+ 25 mb from March 3rd), 2130-2200 (Blr tr's) in 41/49mb.
**V.** by QSL-card.

## RADIO RIGA

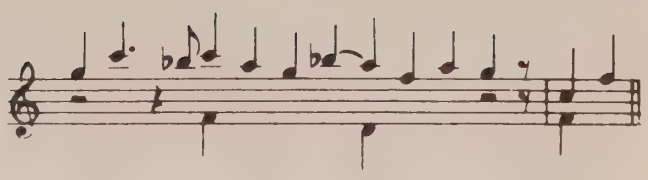
**ADDR:** See Home Sce.
**Latvian** on 576/1350/1422/5935kHz: Sun 0830-0925, Wed 1930-2000, Mon 2103-2200, Thurs 2130-2200.
**Swedish** on 576/5935kHz: Sun 0800-0830, Tues/Thurs/Sat 2020-2050, Wed/Fri/Sun 2130-2200.
**V.** by QSL-card.

## RADIO TALLIN

**ADDR:** See Home Sce.
**Finnish:** Sun 0800-0900 on 1035/5925kHz; W 0915-1000 on 1035kHz & 1600-1630 on 1035/5925kHz. **Finnish/Estonian:** W 1005-1100 on 1035kHz. **Estonian:** 2135-2200 (Sun 2210) on 1035/5925kHz. **Swedish:** 0900-0930 (Sun) & 2105-2135 on 1035/5925kHz.
**ANN:** Estonian: "Sünn Tallinn"; Finnish: Täälla Tallinna". Swedish: "Här är Tallinn" — **V.** by QSL-card.

## RADIO TASHKENT

**ADDR:** See Home Sce.
5 tr's used, freq's variable.
**TO MIDDLE EAST**
**Arabic:** 1630-1700 in 31/41/49mb; **Persian:** 0300-0330 in 41/49mb, 1600-1630 in 31/41/49mb. **Uzbek:** 0230-0300 in 41/49mb, 1520-1600 in 31/41/49mb, 1700-1800 in 31/41/49mb.
**TO SOUTH EAST ASIA** in the 25/31/49mb: 1200-1230 **English,** 1230-1300 Urdu, 1300-1330 Hindi, 1330-1400 Urdu, 1400-1430 **English,** 1430-1500 Hindi.
**ANN:** "This is Tashkent Calling" — **INT-SIG:** Played on Chang (Uzbek nat. instrument), Violin and Cello.



**V.** by QSL-card — **PUB:** Prgr. schedule free.

## R. VILNIUS

**ADDR:** See Home Sce.
**TO EUROPE** on 666kHz + 49mb: 2200-2230 Lithuanian, 2230-2300 **English.**
**TO NO. AMERICA** in the 19/31/41mb (+ 25mb until March 2nd, 16mb from March 3rd) via R. Moscow tr's: 2300-2330 **English,** 0100-0130 Lithuanian.
**V.** by QSL-folder.

## R. YEREVAN

**ADDR:** See Home Sce.
**Arabic:** 1500-1530 on 4990kHz + 49mb, 1830-1900 on 864/4990kHz + 49mb.
**Armenian:** a) to Europe, b) to Near East, c) to No. America, d) to Latin America. +) incl. English, °) incl. French.

| Times | kHz or m.b. |
|---|---|
| 0800-0900°a (Sun) | 16/19mb |
| 1530-1630b } 1800-1830b } 1900-2100b } | 864/4990 + 49mb |
| 2130-2200a | 31mb |
| 2200-2300d | 25/31mb |
| 0330-0400 + c | 19mb (+ 25mb to March 2nd, 16mb from March 3rd) |

**V.** by QSL-card.

## RADIO STATION "PEACE AND PROGRESS"

Radio Station "Peace and Progress" belongs to Soviet public organizations and broadcasts to Europe, Asia, Africa, the Near and Middle East and Latin America.
**ADDR:** Radio Station "Peace and Progress", Moscow, USSR.
**Te:** 2336465.
**L.P:** Editor-in-Chief: L. Talanov. Dir. of Prgrs: Y. Mitkin.

**Schedule until March 31st 1985**
**Areas:** I = Europe, II = Africa, III = Near East, IV = China, V = Asia, VI = Latin America.
a) to March 2nd — b) from March 3rd — °) Tues/Fri.

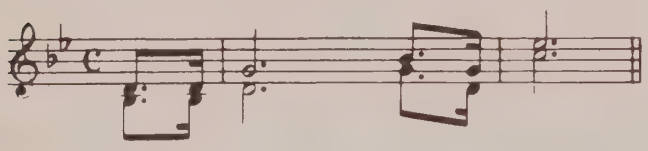
| Arabic | Area | m.b. |
|---|---|---|
| 1630-1700 | III | 16b, 19b, 25, 31, 41a, 49, 256, 347 |
| **Chinese** (Peking Dialect) | | |
| 2200-2230 | IV | 31, 41, 49 203, 463, 513 |
| 2330-2400 | IV | 13b, 19, 25, 31, 41, 203 240, 263, 513 |
| 0200-0230 | IV | 19, 25, 31, 41, 240, 463, 513 |
| 0400-0430 | IV | 13b, 16, 19, 25, 31, 41, 203, 240, 463, 513 |
| 1000-1030 | V | 13, 16, 19b, 25, 31, 41a |
| 1100-1130 | IV | 19b, 25b, 31, 41a, 49a, 278, 463, 513 |
| 1100-1130 } 1130-1200 } | V | 19b, 25b, 31, 41a |
| 1200-1230 | V | 16, 19b, 31, 41a |
| 1300-1330 | V | 13, 16, 25, 31b, 41a |
| 1400-1430 | V | 13, 16, 19, 25 |
| 1430-1500 | IV | 25b, 31a, 41, 49, 62, 203, 463, 513 |

| Chinese (Peking Dialect) | | |
|---|---|---|
| 1500-1530 | IV | 25b, 31, 41, 49, 203, 240, 278, 333, 370, 375, 463, 513 |
| 1700-1730 | IV | 25b, 31, 41b, 49, 203, 240 256, 278, 333, 370, 375, 463, 513 |
| 1900-1930 | IV | 31, 41, 49, 203, 240, 256, 278, 333, 370, 375, 463, 513 |
| **Chinese** (Canton Dialect) | | |
| 0900-0930 | IV | 13b, 19, 25, 31b, 41a |
| 1000-1030 | IV | 13b, 19, 25, 31, 41 |
| 1100-1130 | IV | 13b, 19, 25, 31a, 41 |
| 1130-1200 | IV | 13b, 19, 25, 31, 41 |
| 1230-1300 | IV | 19b, 25, 31, 41 |
| **Chinese** (Shanghai Dialect) | | |
| 0930-1000 } 1030-1100 } | IV | 13b, 19, 25, 31, 41 |
| 1200-1230 | IV | 19b, 25, 31 41 |

| Creole | Area | m.b. |
|---|---|---|
| 0000-0030 | VI | 31, 41a |
| **English** | | |
| 1330-1400 | V | 16b, 19b, 25, 31a, 41a |
| 1630-1700 | V | 19b, 25b, 31 41a, 49, 228 |
| 1630-1700 | II | 13b, 19b, 25, 31 |
| **German** | | |
| 2030-2100 | I | 31b, 41, 49 216, 227 |
| **Guarani** | | |
| 0100-0130° | VI | 25, 31 |
| **Hebrew** | | |
| 1730-1800 | III | 19b, 25b, 31, 41, 49a, 256 |

| Mongolian | Area | m.b. |
|---|---|---|
| 1030-1100 | V | 19, 278, 375 |
| 1130-1200 | V | 41, 49, 278, 375 |
| 1245-1315 | V | 31, 41, 49, 278, 375 |
| 1430-1500 | V | 31, 49, 278, 375 |
| **Portuguese** | | |
| 0100-0130 | VI | 25, 31 |
| **Spanish** | | |
| 0000-0030 | VI | 25b, 31, 41 |
| 0130-0200 | VI | 25, 31, 41a |

**NB:** Exact frequencies not supplied by the st. Please check Last Minute Information for monitored observations.
**ANN:** E: "This is Radio Station "Peace and Progress" the Voice of Soviet Public Opinion". G: "Hier ist der Sender "Frieden und Fortschritt". P: "Fala a emissora "Paz e Progresso". Sp: "Transmite la Radioemisora Paz y Progresso" — **INT-SIG:** Two clarinets.



**V.** by QSL-card.

## VATICAN CITY STATE

**L.T:** UTC + 1h (Su: UTC + 2h).

### VATICAN RADIO (Rlg.)

**ADDR:** Vatican Radio, Vatican City. **Cable:** Vatican Radio. **Te:** 6982. **Telex:** SCVRAD 610031.
**L.P:** Dir. Gen: Rev. R. Tucci S.J. Dir. Prgr: Rev. P. Borgomeo S.J. Dir. N. Sce: Rev. F. Farusi S.J. Dir. Tec: Rev. S. Maffeo S.J. Chief Tr. Eng: M. Lemme. Chief Studio Eng: P.V. Giudici. Chief Secr: Dr. A. Cherubino.
**STATIONS: Mediumwave:** 526kHz 5kW — 1530kHz 150/450kW — 1611kHz 15kW.
**FM:** 93.0MHz 0.25kW — 96.5MHz 5kW (stereo).
**Shortwave:** 20/50/100/500kW — *) 80kW.

| kHz | kHz | kHz | kHz | kHz | kHz | kHz |
|---|---|---|---|---|---|---|
| 6015 | 7337 | 9650 | 11740 | 11865 | 15190 | 17840 |
| 6185 | 9605 | 9755 | 11760 | 11955 | 15405 | 17845 |
| 6190 | 9615 | 11700 | 11810 | 15110 | 17730 | 17865 |
| 6250* | 9625 | 11715 | 11830 | 15115 | 17740 | 21485 |
| 7250 | 9645 | 11725 | 11845 | 15120 | 17825 | 21725 |

**PROGRAMME SCHEDULE**

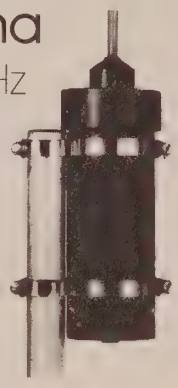
a) exc. Sat — b) Mon/Tues/Wed/Thurs/Sat — c) Fri/Sun — d) Tues/Wed/Thurs/Sat — + +) Sun and Holy Days.
During summer period all prgrs one h earlier exc. those marked *

| TO EUROPE | Time | kHz/Beam |
|---|---|---|
| **Albanian** | 0330 | 6185/9645 (54), 1530 (nd) |
| | 1730 | 6190 (86), 6250 (60-240), 7250 (86), 7337 (90), 1530 (nd) |
| **Armenian** | 0330 | 7250/9755 (86), 11740 (67) |
| | 1815 | 6185/9755 (54), 11715 (67) 1611 (nd) |
| **Bulgarian** | 0315 | 6185/9645 (54), 1530 (nd) |
| | 1715 | 6250 (60-240), 7250/9645 (86) 11740 (89), 1530 (nd) |
| **Byelorussian** | 0445W | 7250/9755 (26), 11740 (13) |
| | 1745a | 6185/9755 (26), 11715 (13) 1611 (nd) |
| **Czech** | 0415 | 6185/9645 (26), 1530 (nd) |
| | 1830 | 6190 (26), 6250 (60-240) 7250/9645 (26), 1530 (nd) |
| **English** | 0600 | 6185/9645 (326), 1530 (nd) |
| | 1445 | 6250 (160-340), 7250/9645 (326) 11740 (319), 1530 (nd) |
| | 2050 | 6190 (326), 7250/9645 (326), 1530 (nd) |
| **Finnish** | 1915c | 6185 (10), 9755 (354), 11715 (355), 1611 (nd) |
| **French** | 0540 | 6185/9645 (326), 1530 (nd) |
| | 1430 | 6250 (160-340), 7250/9645 (326) 11740 (319), 1530 (nd) |
| | 2030 | 6190 (294), 6250 (160-340) 7250/9645 (326), 1530 (nd) |
| **German** | 0520 | 6185/9645 (26), 1530 (nd) |
| | 1500 | 6250 (340-160), 7250 (354) 9645 (26), 11740 (13), 1530 (nd) |
| | 1920 | 6190 (354), 6250 (160-340) 7250/9645 (354), 1530 (nd) |
| **Hungarian** | 0445 | 6185/9645 (26), 1530 (nd) |
| | 1815 | 6190 (26), 6250 (60-240) 7250 (26), 9645 (54), 1530 (nd) |
| **Italian** | 0030 | 6185 (326), 1530 (nd) |
| | 0620 | 6185 (326), 6250 (340-160), 7250 (26), 9645 (326), 9755 (26), 11715 (13), 11740 (269), 1530 (nd) |
| | 1115 + + | 6250 (340-160), 9645 (326), 11740 (290), 1530 (nd) |
| | 1330 | 6250 (340-160), 7250/9645 (326), 11740 (107), 1530 (nd) |
| | 1530 Fri | 6250 (340-160), 7250 (326), 9645 (354), 1530 (nd) |
| | 1630 | 6250 (340-160), 7250 (326), 9645 (34), 1530 (nd) |
| | 2010 | 6190 (354), 6250 (160-340) 7250/9645 (326), 1530 (nd) |
| | 2200 | 6185 (354), 1530 (nd) |
| **Latvian** | 0500 | 7250/9755 (26), 11740 (13) |
| | 1730 | 6185/9755 (26), 11715 (13), 1611 (nd) |
| **Lithuanian** | 0430 | 7250/9755 (26), 11740 (13) |
| | 1745 Sat | 6185/9755 (26), 11715 (13), 1611 (nd) |
| | 1800 | 6185/9755 (26), 11715 (13), 1611 (nd) |
| **Norwegian** | 1915 Mon | 6185/9755 (26), 11715 (13), 1611 (nd) |
| **Polish** | 0500 | 6185/9645 (26), 1530 (nd) |
| | 1515 | 6250 (340-160), 7250 (354) 9645 (26), 11740 (13), 1530 (nd) |
| | 1900 | 6190 (26), 6250 (60-240), 7250/9645 (26), 1530 (nd) |
| **Portuguese** | 1415 | 6210 (340-160), 7250/9645 (266), 11740 (269), 1530 (nd) |
| | 2130 | 6190/7250/9645 (266), 1530 (nd) |
| **Rumanian** | 0300 | 6185 (54), 9645 (54), 1530 (nd) |
| | 1700 | 6250 (60-240), 7250/9645 (54), 11740 (67), 1530 (nd) |
| **Russian** | 0345 | 7250/9755 (54), 11740 (67) |
| | 1845 | 6185 (26), 9755 (54), 11715 (67) 1611 (nd) |
| **Serbo-Croat** | 0400 | 6185/9645 (54), 1530 (nd) |
| | 1800 | 6190 (26), 6250 (60-240), 7250 (54), 7337 (60), 1530 (nd) |
| **Slovak** | 0430 | 6185 (26), 9645 (26), 1530 (nd) |
| | 1845 | 6190 (26), 6250 (60-240) 7250/9645 (26), 1530 (nd) |
| **Slovene** | 0345 | 6185/9645 (54), 1530 (nd) |
| | 1745 | 6190 (26), 6250 (60-240), 7250 (54), 7450 (60), 1530 (nd) |
| **Spanish** | 1400 | 6250 (340-160), 7250/9645 (266) 11740 (nd), 1530 (nd) |
| | 2110 | 6190/7250/9645 (266), 1530 (nd) |
| **Swedish** | 1915d | 6185 (10), 9755 (26), 11715 (355), 1611 (nd) |
| **Ukrainian** | 0415 | 7250/9755 (54), 11740 (67) |
| | 1830 | 6185/9755 (54), 11715 (49), 1611 (nd) |
| **Angelus** | 1100 + + | 6250 (340-160), 7250 (26), 9645 (326), 11740 (269), 17865 (60), 21725 (49), 1530 (nd) |
| **Four Voices** | 0700 W | 6250 (340-160), 9645 (326), 11740 (269), 1530 (nd) |
| | 1015 Wed | 6250 (340-160) |
| | 1130 W | 6250 (340-160), 9645 (326), 11740 (269), 1530 (nd) |
| | 1600 W | 6250 (340-150), 7250/9645 (326), 11740 (269), 1530 (nd) |

| | Time | kHz/Beam |
|---|---|---|
| **H. Rosary** | 1945 | 6190 (26), 6250 (160-340), 7250 (326), 9645 (54), 1530 (nd) |
| **Esperanto** | 0600 Thurs | 6250 (340-160), 7250 (0), 9755 (26), 11715 (13), 15120 (49) |
| | 2000++ | 6190 (26), 6250 (160-340), 7250 (326), 9645 (54), 1530 (nd) |
| **Liturgy** | | |
| Mass in Latin | 0630 | 6250 (340-160), 7250/9625 (26), 9645 (326), 11715 (13) 11740 (269), 15120 (49), 1530 (nd) |
| Biz Rumanian | 0710++ | 6250 (340-160), 7250 (26), 9645 (326), 11740 (269), 1530 (nd) |
| Mass in Italian | 0830 | 6250 (340-160), 7250 (26), 9645 (326), 11740 (269), 1530 (nd) |
| Oriental | 0930++ | 6250 (340-160), 7250 (26), 9645 (326), 11715 (89), 11740 (269), 15120 (49), 17840 (89), 1530 (nd) |
| Biz Ukrainian | 0715 | 9755 (54), 11715/15120 (67), 1611 (nd) |
| Mass in Polish | 1530++ | 6250 (340-160), 7250 (354), 9645 (26), 11740 (13), 1530 (nd) |
| Music | 1200 | 6250 (340-160), 11740 (290), 1530 (nd) |
| | 1530b | 6250 (340-160), 7250 (354) 9645 (326), 1530 (nd) |
| | 2230 | 6185 (326), 1530 (nd) |
| **TO AFRICA** | | |
| **Angelus** | 1100++ | 17840 (130), 21485 (170) |
| **Arabic** | 1700 | 11810 (107), 15120 (120), 17730 (116) |
| | 2145 | 6190/7250/9645 (206), 1530 (nd) |
| **English** | 0500* | 11725/15190 (139) |
| | 0615* W | 15190 (175), 17730 (170) |
| | 0715* W | 11725 (193), 15190 (205) |
| | 1115* | 17840 (144), 21485 (139) |
| | 1200* | 17840 (170), 21485 (170) |
| | 1545* | 11810/15120 (139), 17730 (130) |
| | 2045* | 9625/11700 (175), 11760 (229), 15120 (193) |
| **Ethiopian** | 0430 | 11725/15190 (139) |
| | 1530* | 11810/15120 (139), 17730 (130) |
| **French** | 0445* | 11725/15190 (139) |
| | 0600* W | 15190 (175), 17730 (170) |
| | 0700* W | 11725 (193), 15190 (205) |
| | 1100* W | 17840 (144), 21485 (139) |
| | 1145* | 17840 (170), 21485 (170) |
| | 1530* | 11810/15120 (139), 17730 (130) |
| | 2030* | 9625/11700 (175), 11760 (229), 15120 (193) |
| **Portuguese** | 0630* W | 15190 (175), 17730 (170) |
| | 1130* | 17840/21485 (170) |
| | 2015* | 9625 (146), 11700 (175), 11760 (229), 15120 (193) |
| **H. Rosary** | 1940 | 9625 (146), 11700/15120 (175) |
| **Esperanto** | 2000+ | 9625 (146), 11700/15120 (175) |
| **TO THE AMERICAS** | | |
| **Portuguese** | 1300* | 15405 (229), 17865 (252), 21725 (247) |
| | 2330* | 6015/9615 (234), 11845 (229) |
| **Spanish** | 1330* | 15405 (229), 17865 (252), 21725 (247) |
| | 1400* | 15405 (301), 17740 (296), 17865 (278), 21725 (269) |
| | 0000* | 6015/9615 (234), 11845 (229) |
| | 0115* | 6015/9605 (294), 9645 (266) 11845 (301), 11955 (269) |
| **English** | 0050* | 6015/9605/11845 (294) (for USA) |
| **French** | 0030* | 6015/9605/11845 (294) |
| **TO ASIA** | | |
| **Angelus** | 1100++ | 17865 (60), 21725 (49) |
| **Arabic** | 1700 | 11810 (107), 15120 (120), 17730 (116) |
| **Chinese** | 1130* W | 17865/21725 (67) |
| | 2230* | 9615 (54), 11830/15120 (67) |
| **Mass in Chinese** | 1130++* | 17865/21725 (67) |
| **English** | 0200* | 9650 (86), 11865 (89), 15115 (89) |
| | 1200* W | 17865 (65), 21725 (67) |
| | 1430* W | 11865/15115 (89), 17845 (84) (for India and S.E. Asia) |


dressler – ara 30 – active antenna

200 kHz ... 40 MHz



Professional electronic circuitry with very wide dynamic range. Meets professional demands both in electronics and mechanical ruggedness.
120 cm long glassfiber rod-circuid build into waterproof 2,5 mm thick aluminium tube. Ideal for commercial and swl-receiving systems

dressler – ara 30 – active antenna

50 ... 500 MHz

Wideband receiving antenna for the serious vhf-uhf-listener.

Not just a simple antenna rod with preamplifier – but a professional configuration of omni-directional wideband dipole with integrated low noise amplifier hybrid.

The right solution to pick up even the most noisy signals.

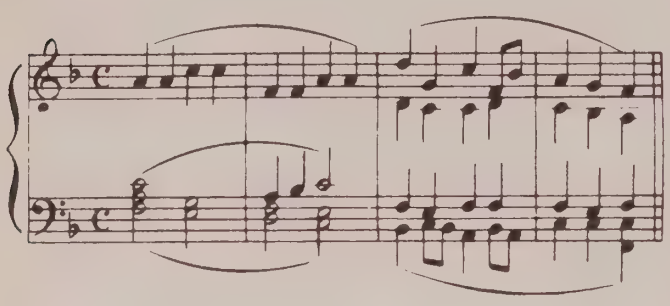
dressler

hochfrequenztechnik gmbh

P.O. BOX 1327 · TLX 832287 · Phone: (0 24 02) 55 25
D-5190 Stolberg/F.R. GERMANY

| | Time | kHz/Beam |
|---|---|---|
| **Hindi/Tamil** | 0215* | 9650 (86), 11865/15115 (89) |
| **Malayalam** | 1445* W | 17845 (84) |
| **Japanese** | 1030 | 17865/21725 (44) |
| | 2150* | 9615/11830/15120 (49) |
| **Vietnamese** | 1230* | 17865 (76), 21725 (87) |
| | 2300* | 9615 (76), 11830/15120 (67) |
| **TO AUSTRALIA/NEW ZEALAND** | | |
| **English** | 2205* | 9615/11830/15120 (89) |

**N, COMM:** Italian 1330, Spanish 1400, Portuguese 1415, French 1430, English 1445, German 1500, Polish 1515.
**LOCAL SERVICE** on 526kHz + 96.5MHz (stereo): music and prgrs in Italian/French/English/Spanish.
**ANN:** "Laudetur Jesus Christus, Praised be Jesus Christ. This is Vatican Radio". "Loué soit Jésus-Christ. Ici Radio Vatican". "Alabado sea Jesucristo. Transmite Radio Vaticana". "Slava Iisusu Khristu. Govorit Radio Vatikan" — **INT-SIG:** Carillon Melody "Christus Vincit" executed on the celeste with orchestral accompaniment.



**V.** by QSL-card. (B).

## YUGOSLAVIA

**L.T:** UTC + 1h (Su: UTC + 2h) — **Pr.L:** Serbo-Croat, Slovenian, Macedonian — **E.C:** a/c 50, 220/380V (no).

### JUGOSLOVENSKA RADIOTELEVIZIJA (Gov.)

**ADDR:** Borisa Kidriča 70, 11000 Beograd. **Te:** (011) 433-693, 433-647. **Cable:** Jurate, Beograd. **Telex:** 11 469 yu jurate, Beograd.
**L.P:** Exec. Sec: Z. Sinobad. Sec. of Gen. Assembly: Miss V. Nikolić. Radio Prgr. Board: Sec. Ž. Markovič. TV Programme Board: Sec. Mrs. M. Kljajić, Sec. of Int. Rel. Board: Mrs. O. Vojvodić. Techn. Board. Sec: Mrs. Eng. J. Saramandić. Music Prgr. Committee: Sec: D. Savić. Legal Committee. Deputy Sec: V. Nikolić. Financial Committee: Sec: Mrs. Lj. Stošić.
**Local Stations:** These are independent of JRT and operate daytime only, generally 0800-1500.

#### SERBIA

**Radiotelevizija Beograd:** Hilendarska 2, 11000 Beograd. **Te:** (011) 346-801. **Telex:** 11488, 11727 — **L.P:** Dir. Gen: M. Vukos. Dir. of Radio: B. Dadić. Dir. Tec: Eng. M. Janković.

| **Mediumwaves** | **kHz** | **kW** | | **kHz** | **kW** |
|---|---|---|---|---|---|
| Bosilegrad | 675 | 5/1d | Crna Trava | 1017 | 10/1b |
| **Beograd** | 684 | 2000 | Novi Pazar | 1062 | 1a |
| Negotin | 693 | 1d | Mladenovac | 1215 | 1c |
| Niš | 711 | 20a | Vranje | 1296 | 10d |
| Kladovo | 999 | 10/5b | Svetozarevo | 1440 | 10b |
| Beograd 2/3 | 1008 | 200 | Pirot | 1485 | 1a |
| Aleksinac | 1008 | 200b | Kladovo | 1485 | 1a |

a) Beograd 1 + reg. prgr — b) rel. Beograd 2/3 — c) rel. Beograd 202 + reg. prgr — d) rel. Beograd 1.

| **FM:** (MHz) | I | II/III | L | kW |
|---|---|---|---|---|
| Avala | 95.3 | +97.7 | 98.5 | 50/50/5 |
| Beograd | 88.9 | | +94.9 | 1 |
| | | | +99.1 | 1 |
| | | | +101.7 | 3 |
| Besna Koblia | 91.7 | +95.3 | | 10 |
| Crni Vrh | 89.7 | +99.3 | | 40 |
| Crveni Čot | 94.5 | +96.5 | | 50 |
| Deli Jovan | 87.7 | +94.9 | | 25 |
| Goleš | 99.7 | +92.5 | | 25/10 |
| Jastrebac | 89.3 | +96.9 | | 50 |
| Kopaonik | 90.9 | +93.7 | | 50 |
| Kragujevac | 98.5 | | | 1 |
| Loznica | 95.0 | | | 0.5 |
| Negotin | 87.7 | 94.9 | | 25 |
| Niš | 98.1 | | 102.7 | 1 |
| Ovčar | 88.1 | +90.1 | | 50 |
| Pirot | 95.8 | 98.5 | | 10/15 |
| Požarevac | | | 92.1 | 1 |
| Šabac | 100.2 | | | 1 |
| Svetozarevo | | | 97.3 | 1 |
| Tupižnica | 92.5 | +96.1 | | 25 |
| Valjevo | | | 100.8 | 1 |
| Crnj. Banja | | | 93.1 | 1 |
| Zaječar | 98.3 | | | 0.5 |

+ additional low power st's not mentioned.
L) local st's — +) stereo.

**R. Beograd 1:** 24h. **N:** W 0303, 0330, 0400, 0430, 0500, 0540, 0700, 0800, 0900, 1000, 1100, 1200, 1300, 1400, 1600, 1700, 1830, 2100, 2200, 2300; Sun 0430, 0500, 0530, 0600, 0700, 0800, 0900, 1000, 1100, 1200, 1400, 1600, 1830, 2000, 2200, 2300.
**R. Beograd 2:** W 0400-1900 (Sun 0600-1900). **N:** W 1130, 1230, 1330, 1500, 1600, 1850. Sun 0630, 0730, 0930, 1055, 1130, 1330, 1730, 1850.
**R. Beograd 3:** 1900-2308 (Serious prgr.)

| **Local stations** | **kHz** | **kW** | | **kHz** | **kW** |
|---|---|---|---|---|---|
| T. Uzice | 531 | 10 | Vrnjacka Banja | 1170 | 2 |
| Vranje | 531 | 1 | Smed. Palanka | 1179 | 1 |
| Soko Banja | 639 | 1 | Majdanpek | 1206 | 1 |
| Lazarevac | 648 | 0.1 | Loznica | 1296 | 10 |
| Sabac | 702 | 10 | Zaječar | 1341 | 10 |
| Krusevac | 738 | 10 | Beograd* | 1350 | 10 |
| Arrandjelovac | 792 | 1 | Valjevo | 1368 | 10 |
| Beograd* | 900 | 2 | Kraljevo | 1458 | 10 |
| Smederevo | 945 | 1 | Priboj | 1485 | 1 |
| Bor | 981 | 10 | Beograd 202** | 1503 | 10 |
| Cacak | 981 | 10 | Prijepolje | 1584 | 1 |
| Pozarevac | 990 | 1 | Leskovac | 1602 | 1 |
| Kragujevac | 1026 | 10 | Negotin | 1602 | 1 |
| Svetozarevo | 1062 | 10 | | | |

**FM:** see above.
*) **Studio B, Beograd,** P.O. Box 10, 11001 Beograd — Prgr. 1 on 1350kHz + 99.1MHz: 24h — Prgr. 2 on 900kHz + 94.9MHz: W 1200-1700 — Prgr. 3 on 94.9MHz: W 1700-2300.
**) 0400-2400.

#### SLOVENIA

**Radiotelevizija Ljubljana:** Tavčarjeva 17, 61000 Ljubljana. **Te:** (061) 311-922. **Telex:** 31118 — **L.P:** Dir. Gen: J. Smole. Dir. of Radio: L. Šetinc. Dir. Tec: P. Mori.

| **Mediumwaves** | **kHz** | **kW** | | **kHz** | **kW** |
|---|---|---|---|---|---|
| Koper | 549 | 20 | Trbovlje | 1485 | 1 |
| Maribor | 558 | 20 | Crnomelj | 1485 | 1 |
| Murska Sobota | 648 | 10 | Jesenice | 1485 | 1 |
| **Ljubljana 1** | 918 | 600 | Brezice | 1584 | 1 |
| Celje | 963 | 2 | Trzic | 1584 | 1 |
| Ptuj | 1485 | 1 | Ljubljana 2 | 1602 | 1 |
| Radlje ob Dravi | 1485 | 1 | | | |

+ 6 sts 0.05kW.

| **FM** (MHz) | I | II | III | L | kW |
|---|---|---|---|---|---|
| Beli Križ | 92.0 | +94.1 | +102.0° | 97.7 | 5 |
| | | | | 88.5 | — |
| Koper | | | +98.1° | 89.3 | 1 |
| Krvavec | 98.9 | +91.8 | | | 100 |
| Kuk | 100.1 | +96.4 | | | 1 |
| Kum | 94.1 | +99.9 | +102.9 | | 30 |
| Ljubljana | | +93.5 | +96.5 | 102.4 | 1 |
| | | | | 89.3 | 1 |
| Mirna Gora | 97.7 | +90.9 | +102.5* | | 2/0.1* |
| Nanos | 95.3 | +92.9 | +88.6° | 101.0 | a) |
| Nova Gorica | | | + | 104.3 | 1 |
| Plešivec | 92.4 | +90.1 | +97.2* | | 25/0.3* |
| Pohorje | 88.5 | +96.9 | +103.1* | 101.6 | 30/1* |

+ 20 low power st's not mentioned — a) 3/30/1/30kW.
°) carries regional prgrs (+ 0630-1200 rel. Ljubljana 2).
**R. Ljubljana 1:** 24h (Mon 2305-Tues 0330 on FM only).
**R. Ljubljana 2:** 0630-2200.
**R. Ljubljana 3:** 1430 (Sun 1600)-2200.

| **Local stations** | **kHz** | **kW** | **Local stations** | **kHz** | **kW** |
|---|---|---|---|---|---|
| Cerkno | 594 | 1 | Student | 1242 | 0.05 |
| Koper | 1170 | 100* | Smarje | 1566 | 2 |

**FM:** see above.

*) **Studio Koper/Radio Capodistria,** P.O. Box 117, 66000 Koper — Capodistria — **D. Prgr. in Italian** on 1170kHz + 89.3/97.7/101.0MHz — **V.** by QSL-card. IRC appreciated but not necessary.

## CROATIA

**Radiotelevizija Zagreb:** Jurišićeva 4, 41000 Zagreb. **Te:** (041) 418-011. **Telex:** 21154 — **L.P:** Dir. Gen: B. Puharić. Dir. of Radio: I. Krismanić. Dir. Tec: Eng. P. Maričić.

| **Mediumwaves** | **kHz** | **kW** | | **kHz** | **kW** |
|---|---|---|---|---|---|
| Zagreb 2 | 738 | 25 | Tovarnik 1 | 1125 | 300f |
| Zadar 2 | 765 | 2g | Biograd | 1134 | 1200f |
| Šibenik | 774 | 2f | **Zagreb 1** | 1143 | 85 |
| Tovarnik 2 | 774 | 20e | Pula 1 | 1143 | 2f |
| Split 1 | 774 | 10h | Zadar 1 | 1377 | 10f |
| Buje | 783 | 10e | Dubrovnik 2 | 1485 | 1g |
| Dubrovnik 1 | 837 | 2f | Split 2 | 1485 | 1g |
| Baške Oštarije | 837 | 10f | Rijeka 2 | 1485 | 2g |
| Rijeka | 864 | 20f | Otočac | 1485 | 1f |
| Zagreb 4 | 1062 | 7 | | | |

e) rel. Zagreb 2 — f) rel. Zagreb 1 — g) rel. Zagreb 2 + reg. prgr. — h) rel. Zagreb 1 + local prgrs.

| **FM** (MHz) | **I** | **II/III** | **L** | **kW** |
|---|---|---|---|---|
| Beli Manastir | 93.3 | +98.1 | | 15 |
| Biokovo | 89.7 | +98.9 | | 80 |
| Čelevac | 95.1 | +98.1 | | 80 |
| Kalnik | 89.7 | +96.1 | | 15 |
| Labištica | 91.3 | +96.1 | | 15 |
| Mikrovica | 91.3 | 93.3 | — | 15 |
| Petrinja | | | 99.0 | — |
| Plešivica | 87.7 | +90.5 | | 15 |
| Psunj | 97.3 | +99.7 | | 80 |
| Pula | 88.1 | | 100.1° | 5/— |
| Rijeka | | | 103.1 | — |
| Sljeme | 92.1 | +98.5 | 103.7* | 120/5* |
| Split | | | 100.1 | — |
| Srdj | 88.9 | +98.5 | | 15 |
| Učka | 99.3 | +96.9 | 100.3* | 80/7* |
| Velika Gorica | | | +103.0 | — |
| Zadar | | | 103.9 | 1 |

+ low power st's not mentioned.
+) stereo — L) local st's — °) R. Pula local prgr. is also carried on 94.8/97.4MHz.

**R. Zagreb 1:** 0400-2305 (Sat 24h) on most MW's; 24h on FM + Tovarnik 1 1134kHz.
**R. Zagreb 2:** 0600-2000.
**R. Zagreb 3:** 2000-2300.

| **Local Stations:** | **kHz** | **kW** | | **kHz** | **kW** |
|---|---|---|---|---|---|
| Djakovo | 594 | 1 | Velika Gorica | 1386 | 1 |
| Drnis | 639 | 1 | Krizevci | 1431 | 1 |
| Vukovar | 720 | 1 | Karlovac | 1449 | 2 |
| Koprivinica | 765 | 1 | Valpovo | 1458 | 1 |
| Sibenik | 774 | 2 | Virovitica | 1485 | 1 |
| Split | 774 | 10 | Kutina | 1503 | 1 |
| Vrbovec | 828 | 1 | Orahovica | 1530 | 1 |
| Baške Oštarije | 837 | 10 | Sisak | 1539 | 1 |
| Ivanic Grad | 864 | 1 | Osijek | 1557 | 20 |
| Bjelovar | 981 | 1 | Vrgin Most | 1566 | 1 |
| Zupanja | 990 | 1 | Slavonski Brod | 1584 | 1 |
| Nova Gradiska | 1026 | 1 | Varazdin | 1584 | 1 |
| Samobor | 1179 | 1 | Ogulin | 1584 | 1 |
| Djurdjevac | 1215 | 1 | Pula | 1584 | 1 |
| Krapina | 1224 | 1 | Knin | 1584 | 1 |
| Petrinja | 1287 | 1 | Daruvar | 1584 | 1 |
| Cakovec | 1305 | 1 | Delnice | 1602 | 1 |
| Vinkovci | 1305 | 1 | Buje | 1602 | 1 |
| Zabok | 1350 | 1 | Gospic | 1602 | 1 |

+ 16 sts less than 1kW. **FM:** See above.

## MONTENEGRO

**Radiotelevizija Titograd:** IV Proleterske brigade 2, 81000 Titograd. **Te:** (081) 52-222. **Telex:** 61133 — **L.P:** Dir. Gen: V. Daković. Dir. of Radio: Slobodan Radonjić. Dir. Tec: Eng. T. Ivanović.

| **Mediumwaves** | **kHz** | **kW** | | **kHz** | **kW** |
|---|---|---|---|---|---|
| Titograd | 882 | 100 | Ulcinj | 1503 | 10 |
| Pljevlja | 882 | 10 | Rozaje | 1584 | 1 |
| Plav | 1485 | 1 | | | |

| **FM** (MHz) | **I** | **II** | **kW** |
|---|---|---|---|
| Bjelasica | 92.1 | 99.3 | 27 |
| Lovcen | 94.9 | 98.0 | 27 |

+ 6 low power st's not mentioned.
**R. Titograd 1:** 0400-2200.
**R. Titograd 2:** planned.

| **Local Stations** | **kHz** | **kW** | | **kHz** | **kW** |
|---|---|---|---|---|---|
| Pljevlja | 567 | 10 | Hercegnovi | 1305 | 1 |
| Nikšić | 594 | 10 | Tivat | 1602 | 1 |
| Bar | 1026 | 5 | | | |

## KOSOVO

**Radiotelevizija Priština:** Zejnel Ajdina bb, 38000 Priština. **Te:** (038) 26-171. **Telex:** 18134 — **L.P:** Dir. Gen: R. Alaj. Dir. of Radio: D. Marković. Dir. Tec: Eng. N. Bejtulahu.

| **Mediumwaves** | **kHz** | **kW** | | **kHz** | **kW** |
|---|---|---|---|---|---|
| Peć | 549 | 100q | **Priština 1** | 1413 | 1000 |
| Djakovica | 936 | 2p | Priština 2 | 1512 | 100/20 |
| Gnjilane | 954 | 2p | Peć | 1539 | 2L |
| T. Mitrovica | 1035 | 5p | Uroševac | 1584 | 1p |
| Prizren | 1377 | 2p | | | |

p) rel. Priština 1 + local prgr — q) rel. Priština 2 — L) local st.

| **FM** (MHz) | **I** | **II** | **kW** |
|---|---|---|---|
| Goleš | 95.7 | 97.7 | 25 |
| Priština | 91.9 | 93.7 | 0.25 |

**R. Priština 1:** 0400-2305 (Sat/Sun 24h)
**R. Priština 2:** 1000-1800.

## VOJVODINA

**Radiotelevizija Novi Sad:** Žarka Zrenjanina 3, 21000 Novi Sad. **Te:** (021) 611-588. **Telex:** 14127 — **L.P:** Dir. Gen: Slabodan Budakov. Dir. of Radio: Oskar Panda. Dir. Tec: Eng. Vasa Dimič.

| **Mediumwaves** | **kHz** | **kW** | | **kHz** | **kW** |
|---|---|---|---|---|---|
| Sombor | 666 | 10 | Šid | 1323 | 10r |
| Novi Sad 1 | 1107 | 150 | Novi Sad | 1485 | 1y |
| **Novi Sad 2** | 1269 | 600 | | | |

y) rel. Novi Sad 2 — r) rel. Novi Sad 2 + local prgrs.

| **FM** (MHz) | **I** | **II** | **M** | **L** | **kW** |
|---|---|---|---|---|---|
| Kovin | | | | 88.5 | 1 |
| Novi Sad | 87.7 | 90.5 | 100.0h* | | 50/4* |
| | | | 92.9f | | 4 |
| | | | 97.2g | | 4 |
| Ruma | | | 92.9f | | 1 |
| Stara Pazova | | | | 91.3 | — |
| | | | | 107.6 | — |
| Subotica | 88.9 | 92.5 | | 91.5 | 3/5/10 |
| Vršac | | 91.7f | | | 0.3 |
| Zrenjanin | | | | 88.4 | 1 |

L) local st's — M) prgr's for national minorities: Romanian (f), Rossinian (g), Slovak (h).
**Radio Novi Sad 1:** 0400-2305 in Serbo-Croat.
**Radio Novi Sad 2:** 0400-2305 in languages of the national minorities.

| **Local Stations** | **kHz** | **kW** | | **kHz** | **kW** |
|---|---|---|---|---|---|
| Ruma | 936 | 1 | Vurbas-Kula | 1359 | 2 |
| Subotica | 1089 | 10 | Zrenjanin | 1467 | 2 |
| Titov- | | | + 13 sts less than 1kW. | | |

**FM:** see above.

## BOSNIA/HERCEGOVINA

**Radiotelevizija Sarajevo:** Danijela Ozme 7, 71000 Sarajevo. **Te:** (071) 34-400. **Telex:** 41224 — **L.P:** Dir. Gen: M. Berberović. Dir. of Radio: Z. Udovičić. Dir. Tec: Eng. M. Močinić.

| **Mediumwaves** | **kHz** | **kW** | | **kHz** | **kW** |
|---|---|---|---|---|---|
| **Sarajevo 1** | 612 | 600 | Brcko | 1485 | 1 |
| Čapljina | 756 | 10m | Drvar | 1485 | 1 |
| Bihac | 774 | 1 | Jajce | 1485 | 1 |
| Sarajevo 2 | 945 | 100 | Tuzla | 1584 | 1 |
| Banja Luka | 1071 | 25 | Livno | 1593 | 2 |
| Čapljina | 1071 | 40l | Mostar | 1602 | 1 |

l = rel. Sarajevo 1 — m = rel. Sarajevo 2

| **FM** (MHz) | **I** | **II/III** | **L** | **kW** |
|---|---|---|---|---|
| Banja Luka | 91.8 | | | 1 |
| Bjelašnica | 98.1 | +94.5 | | 30 |
| Doboj | | | 102.3 | 0.25 |
| Hum | 87.7 | 95.7 | | 10 |
| Kozara | 92.7 | 95.3 | — | 30 |
| Majevica | 89.9 | +98.8 | | 30 |
| Plješivica | 94.1 | 95.7 | — | 30 |
| Sarajevo | | | 96.5 | 0.5 |
| Trovrh | 90.5 | +99.5 | | 30 |
| Velež | 91.7 | 97.3 | — | 30 |
| Vlašić | 89.3 | 97.0 | | 100 |
| Zvornik | | | 91.1 | 1 |

L) local st's.
**R. Sarajevo 1:** 0400-2400 (Sat/Sun 24h).
**R. Sarajevo 2:** 0700-1700 (MW: Daytime only)

**R. Sarajevo 3:** 1700-2100.

| Local stations | kHz | kW | | kHz | kW |
|---|---|---|---|---|---|
| Prijedor | 576 | 2 | Bos. Brod | 1206 | 1 |
| Gracanica | 639 | 1 | Ilijaš | 1233 | 1 |
| Banovici | 792 | 1 | Trebinje | 1242 | 2 |
| Čapljina | 792 | 1 | Gorazde | 1251 | 1 |
| Sokolac | 864 | 1 | Sanski Most | 1368 | 1 |
| Foca | 990 | 1 | Zvornik | 1467 | 2 |
| Cazin | 1017 | 1 | Sarajevo 202 | 1485 | 1 |
| Zenica | 1161 | 2 | Zavidovići | 1503 | 1 |
| Bjeljina | 1197 | 2 | Derventa | 1521 | 1 |
| Bos. Novi | 1197 | 1 | | | |

+ 24 sts less than 1kW.

**FM:** See above.

## MACEDONIA

**Radiotelevizija Skopje:** Partizanski put bb, 91000 Skopje. **Te:** (091) 258-230. **Telex:** 51 157 — **L.P:** Dir. Gen: S. Dimovski. Dir. of Radio: Č. Stojkovski. Dir. Tec: Eng. S. Curapov.

| Mediumwaves | kHz | kW | | kHz | kW |
|---|---|---|---|---|---|
| Strumica | 567 | 10k | Ohrid 1 | 1242 | 5j |
| **Skopje 1** | 810 | 1000 | Skopje 2/3 | 1314 | 100 |
| Gevgelija | 936 | 10k | Ohrid 2/3 | 1314 | 10k |
| Delcevo | 1323 | 10k | Bitola | 1323 | 10k |

j) rel Skopje 1 — k) rel. Skopje 2/3 + local prgr.

| FM (MHz) | I | II/III | L | kW |
|---|---|---|---|---|
| Črni Vrh | 97.3 | +94.1 | | 50 |
| Gevgelija | | | 100.0 | — |
| Mali Vlaj | 93.3 | 97.7 | — | 15/5 |
| Pelister | 92.3 | +96.1 | — | 20/ 1.5 |
| Turtel | 93.3 | +90.5 | — | 50 |

+) 2 low power st's not mentioned.

L) local st.

**R. Skopje 1:** Mon 0000-2300, Tues-Fri 0400-0100, Sat/Sun 24h. Bulgarian: 1700-1715; Albanian: 1715-1730; Greek: 1730-1745.

**R. Skopje 2:** 0600-1900. Albanian: 0800-1115; Turkish: 1115-1400.

**R. Skopje 3:** 1900-2300.

| Local stations | kHz | kW | | kHz | kW |
|---|---|---|---|---|---|
| Stio | 639 | 1 | Kratovo | 1386 | 1 |
| Struga | 720 | 1 | Probistip | 1431 | 1 |
| Tetovo | 738 | 1 | Kavadarci | 1485 | 1 |
| Kumanovo | 945 | 2 | Mak. Brod | 1521 | 1 |
| Kriva Palanka | 1197 | 1 | Negotino | 1548 | 1 |
| Kocani | 1287 | 1 | Prilep | 1584 | 1 |
| Gostivar | 1323 | 2 | Radovis | 1584 | 1 |

+ 11 sts less than 1kW.

## FOREIGN SERVICE ("RADIO YUGOSLAVIA")

**ADDR:** Hilandarska 2, 11000 Beograd. **Te:** (011) 346-801. **Telex:** 11727 — **L.P:** Dir. Gen: Z. Pečar. Dir. Tec: Eng. M. Ivančević.

**Mediumwaves:** Novi Sad 1269kHz 600kW, Titograd 882kHz 100kW, Niš 711kHz 20kW.

**Shortwaves:** Stubline (G.C: 20.09E/44.30N)

| kHz | kW | kHz | kW | kHz | kW | kHz | kW |
|---|---|---|---|---|---|---|---|
| 6100 | 100 | 7240 | 10 | 9620 | 100 | 15240 | 100 |
| 7200 | 50 | 9505 | 10 | 11735 | 10/100 | 15415 | 10 |

**FM:** Beograd 102.9MHz 0.3kW. Rel. Foreign Sce: 0700-1100 (Sat/Sun), 1400-2300.

| Albanian | kHz | French | kHz |
|---|---|---|---|
| 1400-1430 | 6100, 7240 9620 | 1600-1630 | 7240, 9620 15240 |
| 2130-2200 | 882 | 1930-2000 / 2230-2245 | 6100, 7240 9620 |
| **Arabic** | **kHz** | **German** | **kHz** |
| 1500-1530 | 9620, 15240 15415 | 1630-1700 / 2030-2100 | 6100, 7240 9620 |
| 1730-1800 | 7240, 9620 11735 | **Greek** | **kHz** |
| | | 2130-2145 | 6100, 7240 9620 |
| **Bulgarian** | **kHz** | **Italian** | **kHz** |
| 1300-1330 (Sun 1400) | 711 + 98.1/ 102.7MHz | 2245-2300 | 6100, 7240 9620 |
| 1800-1830 | 6100, 7240 9620 | **Russian** | **kHz** |
| **English** | **kHz** | 1430-1500 / 1700-1730 | 7240, 9620 11735 |
| 1530-1600 | 9620, 15240 15415 | 1900-1930 | 6100, 7240 9620 |
| 1830-1900 | 6100, 9620 11735 | **Spanish** | **kHz** |
| 2000-2030 | 6100, 7240 9620 | 2145-2215 | 6100, 9620 7240 |
| 2215-2230 | 1269, 6100 7240, 9620 | 0000-0030 / 0100-0130 | 7240, 9620 11735 |

**R. Skopje (810kHz):** 1700-1720 Bulgarian, 1830-1845 Albanian, 1845-1900 Greek.

**RELAY OF HOME SCE** for countrymen living abroad:

**R. Beograd 1:** 1400-2300 on 7200/9505kHz.

**Additional Relays of Home Sce. Prgrs:** Sat/Sun 0700-1100 on 7240/9620/11735kHz; D 2100-2130 on 6100/7240/9620kHz — **Prgr. for Seamen:** 2300-2400 (Thurs) on 6100/7240/9620kHz.

**ANN: Home Service:** "Ovde Radiotelevizija Beograd . . . Zagreb . . . Ljubljana, etc" — **Foreign Service:** "This is R. Yugoslavia" — "Ici R. Yugoslave, Belgrade vous parle". "Hier spricht R. Jugoslavien" — **V.** by QSL-card. Rec. acc. (Home Sce: Beograd, Zagreb, Ljubljana, Sarajevo, Skopje, Novi Sad by QSL-card; Titograd by letter) — **ALF:** Din 180, —.

# INTERNATIONAL WATERS

## RADIO CAROLINE (Comm.)

**ADDR:** New York, NY 11518, U.S.A.

**L.P:** Owner: Ronan O'Rahilly.

**STATION:** M.V. "Ross Revenge", anchored approx. 30km off the coast of Essex, England: 963kHz 50kW — 576kHz 5kW.

**D.PRGR. in English:** 0500-0100 (rock music format). **N:** on the h. at peak listening times only.

**ANN:** "Caroline 319" or "Europe's Voice of Loving Awareness, R. Caroline" — **V.** Does not verify.

## LASER 558 (Comm.)

**ADDR:** c/o Music Media International, Inc., 341 Madison Ave, New York, NY 10017, USA (for mail to presenters: M.V. "Communicator", P.O. Box 1892, Grand Central Station, New York, NY 10163, U.S.A.)

**L.P:** Pres. of MMI: Roy Lindau. Op's Mgr: Joe Young.

**STATION:** M.V. "Communicator", anchored approx 30km off the coast of Essex, England: 558kHz 2×25kW tr's (operating with 17kW only).

**D.PRGR. in English:** 0500-0100 (Top 40 and oldies format). **N.** on the h.

**ANN:** "All Europe Radio, Laser 5-5-8" — **V.** does not verify.

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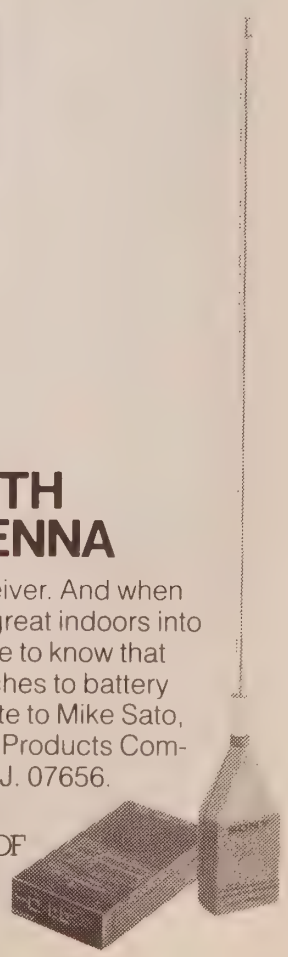

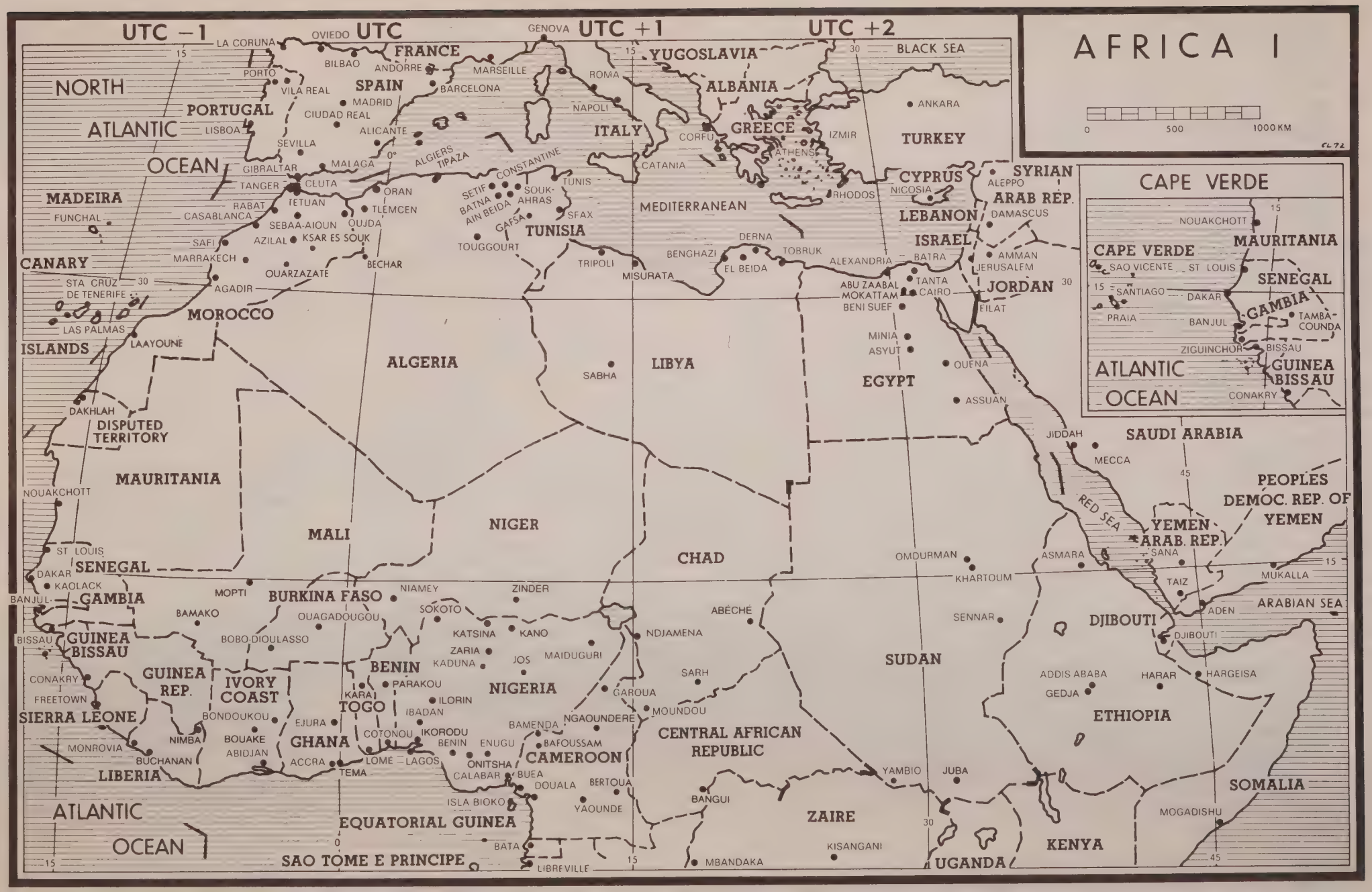
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GUINEA BISSAU
CONAKRY
NOUAKCHOTT
MAURITANIA
SENEGAL
15
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# AFRICA

## ALGERIA

**L.T:** UTC + 1h — **Pr.L:** French, Arabic, Kabyl.
**E.C:** a/c 50, 127/220 and 220/380V (yes).

### MINISTERE DES POSTES ET TELECOMMUNICATIONS, Secretariat Général, 2 bis Blvd. Salah Bouakouir, Alger. **Cable:** Gentel

**L.P:** Dir: M. Bougara.

### RADIODIFFUSION-TÉLÉVISION ALGERIENNE (Gov.)

**ADDR:** 21, Blvd. des Martyrs, Alger. **Te:** 602300. **Telex:** 52042 RTA ALGER.
**Netw:** A = Arabic, F = French, K = Kabyl, E = External.

| Mediumwaves | kHz | kW | N | | kHz | kW | N |
|---|---|---|---|---|---|---|---|
| Tipaza | 254 | 1500/+ 750* | | Alger | 891 | 600/ 300* | A |
| Ain Beida | 531 | 600/ 300* | A | Tamanrasset | 909 | 5 | A |
| | | | | Timimoun | 927 | 5 | A/E |
| Les Trembles | 549 | 600/ 300* | A | Alger | 981 | 600/ 300* | A/E |
| Touggourt | 558 | 1 | A | Hassi Messaoud | 1026 | 5 | A |
| Bechar | 576 | 400 | A/E | | | | |
| Tindouf | 666 | 5 | A | Adrar | 1089 | 5 | A |
| Reggane | 693 | 4 | A | Ouargla | 1098 | 5 | A |
| Ain-el-hamam | 697 | 4 | K/F | Les Trembles | 1143 | 40 | A/F |
| In Amenas | 738 | 5 | A | In Salah | 1161 | 5 | A |
| Djanet | 783 | 5 | A | El Golea | 1287 | 5 | A |
| Beni Abbes | 837 | 4 | A | Constantine | 1305 | 20 | F |
| Ghardaia | 873 | 5 | A | Alger | 1422 | 50 | K/F |

*) 1800-0600 — +)F/A/E.

**SHORTWAVES** (2 sites near Alger):

| kHz | kW | N | kHz | kW | N | kHz | kW | N |
|---|---|---|---|---|---|---|---|---|
| 6145 | 50 | A | 9685 | 100 | F/E | 15215 | 50 | F/E |
| 6160 | 50 | A | 11715 | 50 | A | 15370 | 50 | A |
| 7245 | 50 | A/K | 15160 | 100 | F | 17745 | 100 | F/E |
| 9510 | 50 | F | | | | | | |
| 9640 | 50 | F/E | | | | | | |

**HOME SCE: Arabic Network:** 24h on MW (exc. 576/927kHz); 0005-0500 on 254kHz; 0600-0900 on 6145kHz; 0600-2230 on 6160kHz; 0500-2100 on 11715kHz; 0500-2200 on 15370kHz (also on 7245kHz Sat-Wed 0800-1100 & 1400-1600, Thurs 0800-1100).
**N:** On the h. exc. 2000-2200.
**Kabyl Network:** Sat-Wed 0500-0800, 1100-1400, 1600-2200; Thurs 0500-0800, 1100-2200; Fri 0500-2200 on 697/1422/7245kHz. **N:** 0530, 0630, 1100 (Fri), 1110 (exc. Fri), 1200, 1500 (Thurs), 1700, 1900, 2100.
**French Network:** 0458-0005 on 254/1305kHz; 2200-0005 on 697/1422kHz; 0500-1800 on 9510kHz; 1900-0030 on 9640kHz; 0500-2100 on 9685kHz; 0600-1800 on 15160kHz; 0700-0900 & 1600-0130 on 15215kHz; 0600-2400 on 17745kHz (includes Ext. Sce. Prgrs in English/Spanish, see below).
**N:** On the h. exc. 2000, also 1830. Educational Prgrs for schools: W 0905-0935 on French Network freqs.
**EXTERNAL SERVICE: Spanish:** 1030-1100 on 254/1305/9510/9685/15160/17745kHz; **English** 2000-2030 & **Spanish** 2030-2100 on 254/981/9685/15215/17745kHz. **Spanish** (to Chile): 0005-0035 on 1422/9640kHz. **Arabic/French** (Voice of the Free Sahara): 2200-2300 on 576/927kHz.
**ANN:** F: "Ici Alger, Radiodiff. Télévision Algerienne, Chaîne 3". A: "Huna gaza'ir, idha'atu-l-ğumhuriya al-ğaza'iriyya". E: "This is the International Sce. of R. Algiers".
**INT-SIG:** Oriental lute (Ud) — **V.** by QSL-folder.

## ANGOLA (People's Republic)

**L.T:** UTC + 1h — **Pr.L:** Portuguese + 10 Vernaculars.

### RÁDIO NACIONAL DE ANGOLA (Gov.)

**ADDR:** C.P. 1329, Luanda. **Te:** 21258; **Telex:** 3066-3121 EMISSORA AN.
**L.P:** Dir. Gen: Rui S. Carvalho. Dir. Prgr: Luzia R. Fancony. Dir. Tec: J. Alves Saraiva.
**STATIONS:** Mulenvos-Cazenga (Luanda) (G.C: 13.20E/08.53S).

| kHz | kW | kHz | kW | kHz | kW |
|---|---|---|---|---|---|
| 702 | 10 | 3355 | 10 | 7245 | 100 |
| 944 | 10 | 3375 | 10 | 9535 | 100 |
| 1010 | 1 | 4820 | 10 | 9660 | 100 |
| 1088 | 10/100 | 6175 | 10 | 11955 | 100 |
| 1367 | 100 | 7215 | 10 | | |

**FM:** 88.3MHz 3kW — 93.5MHz 0.25kW — 96.5MHz 3kW (Stereo) — 101.4MHz 0.25kW.

**HOME SERVICES**

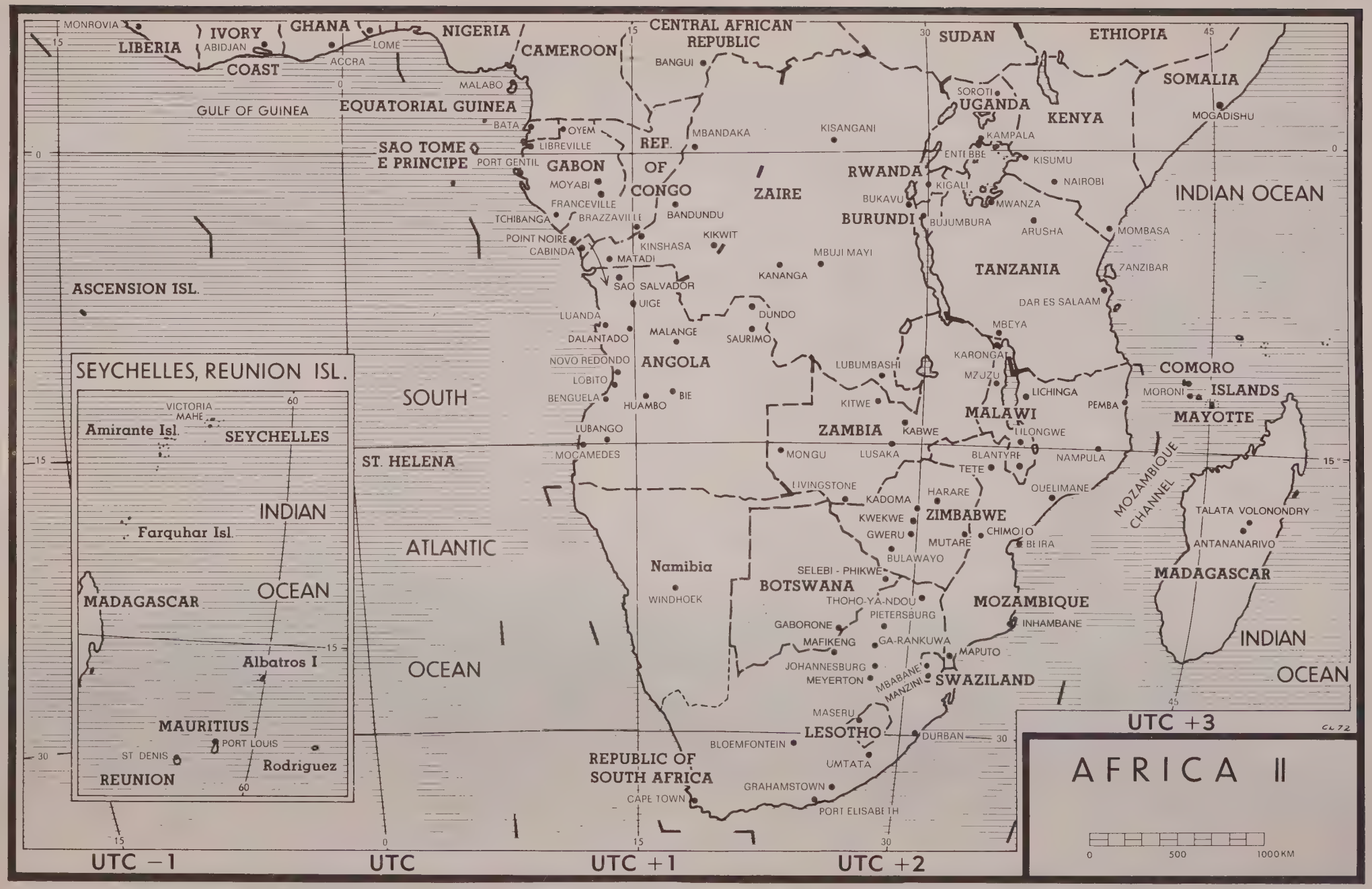
**"A" PRGR. in Portuguese:** 0000-2400 on 702/944kHz + FM 88.3/93.5MHz; 0530-1800 on 7215/9660kHz; 1800-0530 on 1367/3355/4280kHz. **N:** hourly headlines.
**"B" PRGR:** 0530-2300 on 1088/7245/9535kHz + FM 101.4MHz; 0530-1800 on 11955kHz. **Vernaculars:** 0530-1155, 1330-1630 (W) on "B" Prgr. freqs. **Spanish:** 2000-2100 (W); **English** 2100-2200 (W); **French** 2200-2300 (W).
**"Liberation Prgrs":** 1630-1900 (W). Prgrs produced by various organizations in Arabic/French/English/vernaculars.
**"C" PRGR. in Portuguese:** 2000 (Sat/Sun 1300)-2200 on 1010kHz + FM 96.5MHz.
**"SINGLE PRGR" in Portuguese** over all MW/SW tr's: 1200-1330, 1800-2000, 2300-0530. **N:** (rel. "A" Prgr.): 0500, 1200, 1900, 2300.
**ANN:** "De Luanda, capital da República Popular de Angola transmite a Rádio Nacional de Angola" or "Este é o Prgr. A/B/C da Rádio Nacional de Angola". Sp: "Esta es Rádio Nacional de Angola, en idioma español". E: "From Luanda, capital of the People's Republic of Angola transmits Rádio Nacional". F: "Ici Luanda, Rádio Nationale de Angola".
**INT-SIG:** Vibraphone. Opens and closes with the anthem and the National Anthem:

**REGIONAL STATIONS**

All st's broadcast in Portuguese & Vernaculars.
**Mediumwaves:** ER = Emissor Regional

| | kHz | kW | Name | H. of tr. |
|---|---|---|---|---|
| 1) | 937 | 1 | ER do Lobito | 0400-2300 |
| 2) | 989 | 5 | ER do Zaire | 0500-0800 |
| | | | | 1200-2200 |
| 3) | 1010 | 1 | ER do Huambo | 0400-2300 |
| 4) | 1114 | 10 | ER do Kuando-Kubango | 0500-0800 |
| | | | | 1700-2300 |
| 5) | 1115 | 10 | ER do Kuanza-Sul | 0500-2300 |
| 6) | 1188 | 10 | ER de Malange | 0500-2300 |
| 7) | 1228 | 10 | ER da Huila | 0400-2300 |
| 8) | 1241 | 5 | ER da Lunda-Sul | 1700-2300 |
| 9) | 1259 | 10 | ER do Kuanza-Norte | 0500-1400 |
| | | | | 1700-2300 |
| 10) | 1295 | 10 | ER do Uige | 0500-2300 |
| 11) | 1331 | 1 | ER do Namibe | 0500-2300 |
| 12) | 1403 | 10 | ER do Bié | 0400-2200 |
| 13) | 1421 | 5 | ER do Moxico | 0500-2200 |
| 14) | 1502 | 1 | ER de Benguela | 0400-2300 |
| 15) | 1570 | 10 | ER de Cabinda | 0500-2200 |
| **Shortwave:** | | | | |
| 3) | 3345 | 10 | ER do Huambo | 1700-2300 |
| 7) | 3970 | 1 | ER da Huila | 1700-2300 |
| 7) | 4820 | 25 | ER da Huila | 0400-1700 |
| 4) | 4780 | 5 | ER do Kuando-Kubango | 0500-0800 |
| | | | | 1700-2300 |
| 10) | 4850 | 1 | ER do Uige | 0500-2300 |
| 8) | 4860 | 5 | ER da Lunda-Sul | 0430-1700 |
| 2) | 4885 | 5 | ER do Zaire | 0500-0800 |
| | | | | 1200-2200 |
| 12) | 4895 | 1 | ER do Bié | 0400-2200 |
| 6) | 4940 | 1 | ER de Malange | 0500-1400 |
| | | | | 1700-2300 |
| 15) | 4970 | 5 | ER de Cabinda | 0500-2200 |
| 11) | 5015 | 1 | ER do Namibe | 0500-2300 |
| 1) | 5040 | 1 | ER do Lobito | 0400-2300 |
| 3) | 5060 | 1/10 | ER do Huambo | 0400-1700 |
| 13) | 5192 | 5 | ER do Moxico | 0500-2200 |
| 14) | 6160 | 1 | ER de Benguela | 0400-2300 |
| 3) | 7160 | 10 | ER do Huambo | 0400-2300 |
| 1) | 7170 | 1 | ER do Lobito | 0400-2300 |
| 5) | 7260 | 1 | ER do Kuanza-Sul | 0500-2300 |

**FM** (all 0.1kW): 13)92.1, 8)92.5, 11)93.1, 4)93.5, 9)94.5, 6)94.9, 15)95.3, 10)95.5, 2)95.7, 7)100.3, 12)100.7, 14)101.7, 5)104.5, 3)104.9MHz.


AFRICA II
0 500 1000KM
MONROVIA
LIBERIA
IVORY COAST
ABIDJAN
GHANA
ACCRA
LOME
NIGERIA
CAMEROON
MALABO
GULF OF GUINEA
EQUATORIAL GUINEA
BATA
SAO TOME E PRINCIPE
PORT GENTIL
OYEM
LIBREVILLE
GABON
MOYABI
FRANCEVILLE
TCHIBANGA
POINT NOIRE
CABINDA
CENTRAL AFRICAN REPUBLIC
BANGUI
REP. OF CONGO
MBANDAKA
BRAZZAVILLE
BANDUNDU
KIKWIT
KINSHASA
MATADI
ZAIRE
KISANGANI
MBUJI MAYI
KANANGA
SAO SALVADOR
UIGE
DUNDO
SAURIMO
LUANDA
DALANTADO
MALANGE
NOVO REDONDO
ANGOLA
LOBITO
BENGUELA
HUAMBO
BIE
LUBANGO
MOCAMEDES
ASCENSION ISL.
ST. HELENA
SOUTH ATLANTIC OCEAN
Namibia
WINDHOEK
REPUBLIC OF SOUTH AFRICA
CAPE TOWN
GRAHAMSTOWN
PORT ELISABETH
UMTATA
BLOEMFONTEIN
MASERU
LESOTHO
DURBAN
SWAZILAND
MBABANE
MANZINI
MAPUTO
JOHANNESBURG
MEYERTON
MAFIKENG
GA-RANKUWA
GABORONE
PIETERSBURG
THOHO-YA-NDOU
SELEBI - PHIKWE
BOTSWANA
BULAWAYO
GWERU
KWEKWE
KADOMA
LIVINGSTONE
ZAMBIA
MONGU
LUSAKA
KABWE
KITWE
LUBUMBASHI
ZIMBABWE
HARARE
MUTARE
CHIMOIO
BEIRA
MOZAMBIQUE
INHAMBANE
TETE
BLANTYRE
LILONGWE
NAMPULA
QUELIMANE
MALAWI
LICHINGA
MZUZU
KARONGA
MBEYA
TANZANIA
DAR ES SALAAM
ZANZIBAR
MOMBASA
ARUSHA
MWANZA
BUJUMBURA
BURUNDI
BUKAVU
KIGALI
RWANDA
ENTEBBE
KAMPALA
UGANDA
SOROTI
KISUMU
NAIROBI
KENYA
SOMALIA
MOGADISHU
SUDAN
ETHIOPIA
INDIAN OCEAN
MOZAMBIQUE CHANNEL
TALATA VOLONONDRY
ANTANANARIVO
MADAGASCAR
COMORO ISLANDS
MORONI
MAYOTTE
PEMBA
SEYCHELLES, REUNION ISL.
VICTORIA
MAHE
Amirante Isl.
SEYCHELLES
Farquhar Isl.
INDIAN OCEAN
MADAGASCAR
Albatros I
MAURITIUS
PORT LOUIS
ST DENIS
Rodriguez
REUNION
UTC −1
UTC
UTC +1
UTC +2
UTC +3

**Addresses & other information:**
1) C.P. 156, Lobito. **Ann:** "Emissor Reg. da R. Nacional do Lobito, República Popular de Angola" — **Int-Sig:** as Luanda.
2) M'Banza Kongo — **Ann:** "Em M'Banza Kongo, capital da província do Zaire, transmite o ER da R. Nacional de Angola".
3) C.P. 125, Huambo — **Umbundo:** W 1530-1600 (rel. Luanda). **Regional N:** 1230, 1830 — **Ann:** "Aquí República Popular de Angola, transmite o ER do Huambo, da R. Nacional" — **Int-Sig:** as Luanda.
4) C.P. 36, Menongue — **Ann:** "Da província do Kuando-Kubango, transmite a R. Nacional de Angola, dos seus Estúdios em Menongue", or "Este é o ER do Kuando-Kuango, da R. Nacional de Angola".
5) C.P. 10, Sumbe — **Ann:** "De Sumbe, capital da província do Kuanza-Sul, transmite o ER da Rádio Nacional".
6) C.P. 83, Malange.
7) C.P. 111, Lubango — **Ann:** "Transmite a R. Nacional em Lubango, República Popular de Angola".
8) C.P. 116, Saurimo. SW alternates with MW — **Ann:** "Estúdios do ER da Lunda-Sul a transmitir de Saurimo, sua capital" or "Esta é Saurimo, capital da província da Lunda-Sul, emite o ER da Rádio Nacional".
9) N'Dalatando — **Ann:** "Dos seus Estúdios em N'Dalatando, transmite o ER do Kuanza-Norte".
10) C.P. 140, Uige — **Ann:** "ER do Uige da Rádio Nacional de Angola".
11) C.P. 174, Namibe — **Ann:** "Aquí República Popular de Angola, dos seus estúdios, transmite o ER do Namibe".
12) C.P. 83, Bié. — **Ann:** "Este é o Emissor Regional do Bié, da Rádio Nacional de Angola" or "Sintonizam o ER do Bié da R. Nacional de Angola".
13) C.P. 74, Luena.
14) C.P. 19, Benguela — **Ann:** "De Benguela, transmite o ER da Rádio Nacional de Angola"
15) Cabinda — **N. in French:** 2100 — **Ann:** Portuguese: "Aquí República Popular de Angola, transmite o ER de Cabinda da R. Nacional". French, "Vous écoutez la Rádio Regional du Cabinda". All ER st's rel. N. from "A" Prgr, Luanda at 1200, 1900, 2300.

## ASCENSION ISLAND (British)

**L.T:** UTC — **Pr.L:** English.

### VOLCANO RADIO (Priv, Volunteer operated)

**ADDR:** Volcano Radio, US Auxiliary Base, Ascension Island or P.O. Box 4608, Ascension, Patrick AFB, Fla. 32925, USA.
**MEDIUMWAVE:** ZD8VR 1602kHz 1kW.
**FM:** 95.0MHz 40W and 98.8MHz 0.4kW (stereo).
**D.PRGRS. in English:** 24h (AFRTS & local prgrs)
Netw. 1 on 1602kHz + 95.0MHz, Netw. 2 on 98.8MHz.
**N.** (AFRTS, VOA or BBC): 0700, 1200, 1800, 2200 (BBC), 0000 (BBC).
**ANN:** "This is Volcano Radio, ZD8VR, The Voice of the Ascension Island" — **INT-SIG:** At 2355, UK and US National Anthems followed by full station ID.
**V.** by QSL-card. Re. welcomed — **PUB:** Prgr. sheet available upon request.

### RADIO ASCENSION (BBC operated)

Operated by the BBC Atlantic Relay for the benefit of residents.
**ADDR:** c/o BBC Atlantic Relay Station, English Bay, Ascension Island, South Atlantic. **Te:** 457/458.
**STATION** (English Bay): 1484kHz 0.5kW.
**D.PRGRS. in English:** 24h (relay BBC World Sce. exc. for occ. local prgrs).

### BBC ATLANTIC RELAY

**STATION:** 4×250kW tr's for relays of BBC World Sce, as well as French, Hausa, Portuguese, Somali and Swahili to Africa; also Portuguese and Spanish to Latin America.

| kHz | kHz | kHz | kHz | kHz | kHz | kHz |
|---|---|---|---|---|---|---|
| 6005 | 9515 | 9715 | 11860 | 15390 | 17870 | 21470 |
| 6085 | 9580 | 9765 | 15105 | 15400 | 17880 | 21490 |
| 7105 | 9600 | 11750 | 15260 | 17830 | 17885 | 21660 |
| 7160 | 9610 | 11820 | | | | |

Full details of tr's are included in the BBC schedule under United Kingdom.

### VOICE OF AMERICA RELAY STATION

**ADDR:** Voice of America, Washington DC, 20547, USA.
**STATION:** Ascension 250kW; tr is operated by the BBC.

| kHz | kHz |
|---|---|
| 17830 | 21490 |

**D.PRGR:** See USA.

## BENIN

**L.T:** UTC+1h — **Pr.L:** French, English + 18 local languages.
**E.C:** a/c 50, 220/380V (yes).

### OFFICE DE RADIODIFFUSION ET TÉLÉVISION DU BENIN (Gov.)

**ADDR:** B.P. 366, Cotonou. **Te:** 312041. **Telex:** ORTB 5132.
**L.P:** Dir. Gen: R.O. Sanni. Dir. Gen. Adj: R.B. Otenia. Dir. Radio: N.J. Sohouenou. Chief of Prgr. Sces (Radio): L. Agbo. Chief of Tech. Sces (Radio): L. Martin. Chief of Prgr. Sces (Parakou): M. Dossouvi. Chief of Tech. Sces. (Parakou): M. Codjia.
**STATIONS:** Cotonou (G.C: 02.35E/06.21N); *) Parakou (G.C: 02.38E/09.20N).

| kHz | kW | kHz | kW | kHz | kW |
|---|---|---|---|---|---|
| 936* | 100 | 4870 | 30 | 7190* | 20 |
| 1476 | 50 | 5025* | 20 | | |

**FM:** Cotonou 92.9 and 95.5MHz both 0.05kW.
**D.PRGR:** Mon-Fri 0400-0800 & 1300-2300, Sat 0400-1100 & 1300-2300, Sun 0600-2300.
**N. French:** 0615, 1200, 1400, 1930. **English:** 2000 (Wed).
**Regional Sce. (Parakou):** 0400-0900 & 1700-2300 on 936/5025kHz; 0900-1700 on 936/7190kHz.
**ANN:** "Ici la Voix de la Révolution Beninoise, Office de Radiodiff. et Télévision du Benin, émettant de Cotonou". "Ici Parakou, la Voix de la Révolution, Office de Radiodiff-Télévision du Benin, st. regionale".
**INT-SIG:** Benin Tam-Tam — **V.** by QSL-card. Rp. Rec. acc.
**ALF:** 500F.

## BOTSWANA

**L.T:** UTC + 2h — **Pr.L:** English, SeTswana — **E.C:** a/c 50, 220V

### RADIO BOTSWANA (Gov.)

**ADDR:** Private Bag 0060, Gaborone. **Te:** 52541. **Cable:** Broadcasts Gaborone. **Telex:** 2409BD.
**L.P:** Dir: M. Dodisi. Dep. Dir. (Prgrs): Mrs. M. Nasha. Dep. Dir. (Tec): D. Harris.
**STATIONS:** °Selebi-Phikwe (G.C: 27.50E/22.00S); others Sebele (Gaborone) (G.C: 25.58E/24.42S).

| kHz | kW | kHz | kW | kHz | kW |
|---|---|---|---|---|---|
| 621° | 50 | 4848 | 10 | 7255 | 50 |
| 972 | 50 | 5965 | 50 | 9593 | 50 |
| 3356 | 10 | | | | |

**FM:** Gaborone 90.70MHz 5kW, Selebi-Phikwe 93.36MHz 5kW.
**HOME SCE. in SeTswana & English:**
**Mon-Wed:** 0400-0630 & 0900-2100 on 972/5965kHz + FM; 0430-0630 & 0900-1730 on 621kHz; 0400-0630 & 1400-2100 on 3356kHz; 0400-0630 & 1425-2100 on 4848kHz; 0500-0630 & 0900-1700 on 7255kHz; 0900-1415 on 9593kHz.
**Thurs-Sun** (also Mon-Wed in School Terms): 0400-2100 on 972/5965kHz + FM; 0430-1730 on 621kHz; 0400-0530 & 1400-2100 on 3356kHz; 0400-0630 & 1425-2100 on 4848kHz; 0500-1700 on 7255kHz; 0640-1415 on 9593kHz.
**NB:** SW freq changes vary by a few minutes.
**N. in SeTswana:** Mon-Fri 0500, 1115, 1600 1900; Sat & Sun 1115, 1900. **N. in English:** Mon-Fri 0510, 0600 (BBC), 1125, 1610, 1910; Sat & Sun 0600 (BBC), 1125, 1910.
**ANN:** E: "This is R. Botswana broadc. from Gaborone" or "You're listening to R. Botswana, the st. at the heart of the nation". SeTswana: "Ke seroma mowa sa Botswana mo Gaborone".
**INT-SIG:** Cow Bells. Farm animals at s/on. Nat. Anthem at opening and closing — **V.** No QSL under any circumstances.
**PUB:** Quarterly prgr. schedule.

### VOICE OF AMERICA RELAY STATION

**ADDR:** Voice of America, Washington, DC 20547, USA.
**STATION:** Selebi-Phikwe (G.C: 27.50E/22.00S): 621kHz 50kW.
**D.PRGR:** 0300-0430, 1730-2200 rel. VOA African Sce. in English to Southern Africa — **V.** by QSL-card.

## BURKINA FASO (formerly Upper Volta)

**L.T:** UTC — **Pr.L:** French + 16 national languages.
**E.C:** a/c 50, 220/380V (yes).

### RADIODIFFUSION-TÉLÉVISION BURKINA (Gov.)

**ADDR:** B.P. 7029, Ouagadougou. **Te:** 336805. **Cable:** Radio-Volta.
**Telex:** MININFO 5132UV.
**L.P:** Dir. Tec. Sces: Joseph Guissou.
**STATIONS:** (G.C: 01.31W/12.22N):

| kHz | kW | kHz | kW | kHz | kW | kHz | kW |
|---|---|---|---|---|---|---|---|
| 747 | 100 | 1341* | 1 | 4815 | 20 | 7230 | 4 |

*) Standby tr.
**FM:** 99.0MHz 0.02kW. All times.
**NATIONAL SCE. in French & Nat. Langs:** Mon/Tues/Wed/Fri 0530-0900, 1200-1400, 1600-2400; Thurs 0530-2400; Sat/Sun 0700-2400; **On MW:** All times. **On 4815kHz:** s/on — 0900 & 1700-s/off; **On 7230 kHz:** Mon/Tues/Wed/Fri 1200-1400 & 1600-1700, Thurs/Sat/Sun 0900-1700.
**N. in French:** 0630 (W), 0730, 1000 (Sat/Sun), 1200, 1300, 1900, 2230. **National languages:** W: 1600-1900. **English:** Sun 1330-1400. **N.** 1330.

### R. BOBO-DIOULASSO (Reg. St.)

**Addr:** B.P. 392, Bobo-Dioulasso. **Te:** 991158. **Cable:** Radio Bobo.
**Station:** 1008kHz 10kW, 92MHz 20W.
**D.Prgr in French & Nat. langs:** Mon-Fri 0600-0800, 1200-1400, 1600-2400; Sat/Sun 0800-2400. Rel. Ouagadougou W 1600-1900

**INT-SIG:** Balafon — **V.** by letter (B). Rp.
**F.PL:** 50kW SW-tr. (Ouagadougou) + 10kW MW tr. (Ouagadougou), FM at Dori and Gaoua. Separate National, Int. and Reg. networks.

## BURUNDI (Rep.)

**L.T:** UTC + 2h — **Pr.L:** Kirundi, Swahili, French.
**E.C:** a/c 50, 220/380V (no).

### LA VOIX DE LA REVOLUTION (Gov.)

**ADDR:** B.P. 1900, Bujumbura. **Te:** 3742. **Cable:** Radiodiffusion.
**Telex:** 41.
**MEDIUMWAVE:** Gitega 1116kHz 100kW.
**SHORTWAVES:** Bujumbura (G.C: 29.21E/03.23S) 3300kHz 25kW — Gitega (G.C: 29.56E/03.29S) 6140kHz 25kW.
**FM:** (3/50kW) Ch. 1: 94.2/95.0MHz — Ch. 2: 88.5/98.0MHz.
**D.PRGR. in French/Kirundi/Swahili:** W 0300-0700 & 1000-2100, Sun 0300-2100 on 1116kHz; 0300-0700 (Sun 1000) & 1600-2100 on 3300kHz; 0600-0800 (Sat) & 1000 (Sun 0600)-1600 on 6140kHz.
**N. in French:** 0420, 1100, 1800, 2000. **N. in Kirundi:** 0400, 1030, 1700, 1900. **N. in Swahili:** 0500, 1130, 1630. **N. in English:** 1645.
**FM** (Ch.1 in Kirundi, Ch. 2 in French/Swahili): W 0300-0700 & 1000-2100, Sun 0300-2100.
**ANN:** "Ici Bujumbura, Radiodiffusion Nationale de la République du Burundi, la Voix de la Révolution."
**INT-SIG:** Drums — **V.** by QSL-folder. Rec. acc.

## CAMEROON (Republic of)

**L.T:** UTC + 1h — **Pr.L:** French, English, Vernaculars.
**E.C:** a/c 50, 220/230 V.

### RADIODIFFUSION NATIONALE DU CAMEROUN (Gov.)

**ADDR:** B.P. 281, Yaoundé. **Te:** 221400. **Cable:** Radiocam.
**Telex:** 8215KN — **L.P:** Dir. A. Kohoh à Messe.
**HOME SCE:** N = National Sce; P = Provincial Sce; U = Urban Sce.

| kHz | kW | Pr | H. of Tr. | kHz | kW | Pr | H. of Tr. |
|---|---|---|---|---|---|---|---|
| 900 | 20 | N | All times | 4972v | *30 | P | 1600-2230 |
| 999 | 10 | P | All times | | | | (Sat/Sun 2300) |
| 1287 | 1 | U | All times | 7205 | *30 | P | 1100-1430 |
| 4850 | 100 | N | 0400-0700 | | | | (Sun 0700-1700) |
| | | | 1630-2400 | 9745 | | N | 1100-2400 |
| 4972v | *30 | P | 0430-0800 | | | | |

*reserve tr: 4kW.
**FM:** 88.81MHz 0.06kW (U). All times.
**NATIONAL SCE:**
**French:** W 0430-0505, 0600-0805, 1500-1705, 1845-2300; Sun 0430-0505, 0645-1300, 1845-2400. **English:** W 0505-0600, 0805-1005, 1300 (Sat 1330)-1500, 1705-1845; Sun 0505-0645, 1300-1430, 1730-1845. Sports 1430-1730.
**N.** in English and French: On the h. 0700-1100, 1500-1700, 2200. **French:** 0600 (Sun 0700), 1200 (Sat 1230), 1900. **English:** 0530 (Sun 0600), 1400, 1830, 2100. Relayed by all regional stations.
**Provincial Sce.** in French/English/Vernaculars: 0430-2230 (Sat/Sun 2300).
**Urban Sce.** in French: 0430-0600, 1705-1830. Relay Nat. Sce: 0600-1705.
**ANN:** N: "Ici Yaoundé, poste nationale de R. Cameroun". "This is Yaoundé, the National st. of R. Cameroon". P: "Ici Yaoundé, station provinciale de R. Cameroun". "This is Yaoundé, the provincial st. of R. Cameroon" — **INT-SIG:** Local music on balafon.
**V.** by QSL-card. Rp. Re. in English, French.

**PROVINCIAL STATIONS**

| Mediumwaves | kHz | kW | Mediumwaves | kHz | kW |
|---|---|---|---|---|---|
| 5) Bertoua | 971 | 20 | 4) Ngaoundere | 1260 | 20 |
| 2) Douala | 1106 | 10 | 4) Abong Mbang | 1350 | 1 |
| 1) Bamenda | 1152 | 1 | 6) Bafoussam | 1448 | 20 |
| **Shortwaves** | **kHz** | **kW** | **Shortwaves** | **kHz** | **kW** |
| 3) Buea | 3970 | 8 | 6) Bafoussam | 5955 | 20 |
| 6) Bafoussam | 4000 | 20 | 3) Buea | 6005 | 8 |
| 5) Bertoua | 4750 | 20 | 2) Douala | 7140 | 100 |
| 2) Douala | 4795 | 100 | 5) Bertoua | 7165 | 20 |
| 4) Garoua | 5010 | 100* | 4) Garoua | 7240 | 100* |

Mobile tr: 7005kHz 0.3kW — *) reserve tr: 4kW.

**Addresses & other information:**
1) Bamenda, Province du Nord-ouest — St. Mgr: Sammy Anguh. **D. Prgr:** 0425-0800, 1100-2300.
2) B.P. 986, Douala. **Te:** 426060. **Cable:** Radio Douala — St. Mgr: Bruno Djem. **D. Prgr.** 0425-0800, 1100-2300 (Sat/Sun 0425-2230). On 4795kHz: 0425-0800, 1630-s/off; on 7140kHz: 1100 (Sat/Sun 0800)-1630. **FM:** 93MHz 0.1kW. **English:** W 1100-1500, 1745-1845; Sat 0705-0900, 1330-1500, 1730-1845; Sun 0600-0645, 1330-1430. **Nat. Languages:** 0430-0530(W), 1645-1745 (Mon-Fri). Other times in French — **INT-SIG:** Tam-Tam — **ANN:** "Ici Douala, Radiodiff. du Cameroun, station provinciale de litoral". "This is Douala, the Litoral provincial st. of R. Cameroon" — **V.** by QSL-card. Rp.
3) P.M.B. Buea. **Te:** 326325. **Cable:** Radio Buea — **L.P:** St. Mgr: Asonglefac Nkemleke. Asst. Mgr: M. Onguene. Chief of LF: N. Bongsha Francis. Chief of HF: E.D. Tonve. Prgr. Dir: Njomo Kevin Kandem. N. Dir: Muema Meombo — **D. Prgr. in English, French and Vernaculars:** On 3970kHz: 0430-0805 (Sun 0645), 1630-2200. On 6005kHz: 1100 (Sun 0645)-1630. On MW: all times. **N. French/English** (relayed from Yaoundé): 0500, 0530, 0600, 0700, 0800, 1100, 1200, 1400, 1800, 1900, 2100, 2200, 2300. **Local N: French/English:** 0545, 0745, 1715, 1920, 2130 — **ANN:** E: "This is Buea, the So.We. Provincial Station of R. Cameroon". F: "Ici Buea, Radiodiffusion de la République Unie du Cameroon, Station Provinciale du Sud-Ouest" — **V.** by QSL-card (B).
4) B.P. 103, Garoua. **Te:** 221179 — **L.P:** St. Dir: El Hadj Bello Malgana — **D. Prgr:** On 5010kHz: 0425-0800 (Sat/Sun 0700), 1645-2200; On 7240kHz: Mon-Fri 1100-1300, Sat/Sun 0700-1645. On MW: all times. **French:** Mon-Fri 0430-0500, 0530-0700, 1100-1240, 1600-1830, 1845-1930; Sat 0430-0700, 1100-1230, 1445-1830, 1845-1930; Sun 0430-1230, 1415-1830, 1845-1930; **N:** 0615 (W), 0700 (Sun), 1200 (Sat), 1900. **Foulfoulde:** W 0500-0520, 1240 (Sat/Sun 1230)-1430, 1930-2030, 2045-2200. **Hausa:** W 0520-0525, 2030-2045. **Arabic/Choa:** W 0525-0530, 1430-1445. **English:** 0500-0505 (N), 1830-1900 — **ANN:** "Ici Garoua, Station Provincial de la Radiodiff. du Cameroun". E: "This is Garoua, Provincial St. of R. Cameroon" — **INT-SIG:** Flute and Tamtam — **V.** by letter Rp.
5) P.O. Box 230, Bertoua, Eastern Province — St. Mgr: Albert Mbida. **D. Prgr. in French, English and Vernaculars:** 0430-0800, 1600-2200 on 971/4750kHz; 1100-1600 on 971/7165kHz. **English:** W 1800-1840, Sun 0615-0645 — **N.** (relay of Yaoundé Nat. Sce): **English** 1830. **French:** 0500. **ANN:** E: "This is Bertoua, the Eastern Provincial Station of R. Cameroon". F: "Ici Bertoua, Radiodiff. du Cameroun, Station Provincial de l'est" — **INT-SIG:** Drums — **V.** by letter (2 IRC's req.)
6) Bafoussam, Province d l'ouest — St. Mgr: Nsa Vouidi. **D. Prgr:** 0425-0800 & 1100-2300 on 1448kHz; 0425-0830 & 1630-2300 on 4000kHz; 1100-1630 on 5955kHz — **ANN:** "Ici Bafoussam, Sta-

tion Provinciale de R. Cameroun". "This is Bafoussam, the Western Provincial Station of R. Cameroon" — **INT-SIG:** Xylophone — **V.** by letter.
**NB:** All st's open and close with the National Anthem, and spoken id's in English & French.

## CANARY ISLANDS (Spanish)

**L.T:** UTC (Su: UTC + 1h) — **Pr.L:** Spanish — **E.C:** a/c 50, 110/220V (no).
**STATIONS: Mediumwaves**
All sts comm. exc. 1) (Gov.), 8) (Cultural).

| | kHz | kW | Call | Name and location |
|---|---|---|---|---|
| 1) | 621 | 100 | | R. Nac. de España, Tenerife |
| 2) | v720 | 20 | EFJ57 | R. Cadena, Tenerife |
| 3) | 837 | 10 | EAK35 | R. Pop. de Las Palmas |
| 4) | 882 | 20 | EAK64 | R. Pop, Tenerife |
| 5) | 1008 | 10 | EAJ50 | R. Las Palmas |
| 6) | 1098 | 5 | ECS16 | R. Cadena, S. Cruz de la Palma |
| 7) | 1215 | 20 | ECS4 | R. Cadena, Las Palmas |
| 8) | 1269 | 20 | EAK92 | R. ECCA, Las Palmas |
| 9) | 1341 | 20 | EAJ43 | R. Clube Tenerife |

**Shortwaves**

| | | | | |
|---|---|---|---|---|
| 1) | 11815 | 50 | | R. Exterior de España, Tenerife |
| 1) | 15365 | 50 | | R. Exterior de España, Tenerife |

**FM:** a) Tenerife, b) Gran Canaria, c) Lanzarote, d) San Miguel de la Palma, e) Fuerteventura.

| | MHz | kW | | MHz | kW | | MHz | kW |
|---|---|---|---|---|---|---|---|---|
| 8) | e87.8 | 1 | 10) | c90.7 | 1 | 12) | b94.4 | |
| 8) | d88.2 | 1 | 11) | a91.0 | 1 | 5) | b95.8 | 1 |
| 7) | b88.7 | 1 | 3) | b91.8 | | 4) | a97.1 | 1 |
| 6) | d89.5 | 1 | 9) | b92.6 | 1 | 1) | b98.5 | 10 |
| 1) | a90.0 | 15 | 9) | a93.2 | 1 | 9) | a99.1 | |
| 8) | b90.4 | 1 | 2) | a93.9 | | | | |

**Addresses and other information**
1) San Martin 1, Santa Cruz de Tenerife. **Te:** 246783.
**Station:** Las Mesas (G.C: 16.15W/28.28N). **D.Prgr. 1st Prgr:** 24h on 621kHz. **N:** On the h (exc. 1300, 1400, 2200, 2300); also 1330, 2330 (relayed by all private sts exc. ECCA).
**2nd Prgr:** 0700-2400 on 90.0MHz (Musical, Cultural and Comm).
**International Sce:** in Spanish (to the Americas) on 11815kHz: 2145 (Sun 1345)-0330 (schedule changes often); on 15365kHz: 1345-2200 (Sun), 2245-0330.
**Ann:** "R. Nacional de España en Canarias, Centro Emisor del Atlántico" — **V.** by QSL-card. Re. to RNE, Madrid.
2) General Morales 3, Santa Cruz de Tenerife. **Te:** 275916 — Dir: Miguel Gonzales Santos. **D.Prgr:** 0700-2400 including German ("R. Maritim"): Mon-Fri 1700-1800, Sat/Sun 0830-0930.
**Ann:** "R. Cadena de Tenerife" — **Int-Sig:** The first notes from "Tierra Canaria" — **V.** by letter.
3) Ap. 744, Las Palmas, Gran Canaria. **Te:** 255840. **D.Prgr:** 0500-0100. **Ann:** "R. Popular de Las Palmas" — **Int-Sig:** Piano.
4) Calle Rey Redondo 49, La Laguna, Tenerife. **D.Prgr:** 0700-2400 — **Ann:** "R. Popular de Tenerife, Emisora Diocesana de Tenerife, La Laguna".
5) Av. Rafael Cabrera 10, Las Palmas de Gran Canaria. **Te:** 215063. **D.Prgr:** 0700-0100. **N.** 0800, 0830, 0930, 1330*, 1430, 2100*, 2115 (* = relay RNE).
6) Plaza Constitucion 4, Santa Cruz de la Palma. **Te:** 411549 — **D.Prgr:** 0800-2300. **N:** 0910, 1210, 1330*, 1415, 2100* (* = relay RNE).
**Ann:** "Radio Cadena, Santa Cruz de la Palma" — **Int-Sig:** "La Origa Dorada" (Military March) — **V.** by letter. Rec. acc.
7) 1 de Mayo, 21, Las Palmas de Gran Canaria-2. **Te:** 218107. **D.Prgr:** 0700-2400. **N:** 0845, 1200, 1330*, 2100* (* = relay RNE).
**Canary Tourist Radio"** (Dir: Xavier Palin): W 0903 German, 0923 English, 0943 Scandinavian langs.
**Ann:** "Transmite R. Cadena de Las Palmas, ECS no.4, Emisora Sidical de las Palmas de Gran Canarias". **Int-Sig:** Canary guitar chords — **V.** by QSL-card or letter. Rec. acc.
8) Ap. 994, Las Palmas, Gran Canaria. **Te:** (928) 275454 — Dir: Luis Espina Cepeda. **D.Prgr:** 0700-2330 (Sun 0830-2100) — **Ann:** "EAK92, R. ECCA, Emisora Cultural de Canarias" — **V.** by QSL-card. (A).
9) Avda. Anaga, 35, Santa Cruz de Tenerife. **Te:** 922-270400 — Dir: Francisco Padrón Garcia. Adm: Alfonso García del Pino. **D.Prgr:** 24h.
**Ann:** "Aqui R. Club Tenerife, Cadena SER, emisora decana de las Islas Canarias en Santa Cruz de Tenerife, EAJ43" — **Int-Sig:** Islas Canarias".
10) R. Lanzarote de Arrecife, Edif. Mejico 1, Calle Fred Olsen, Arrecife, Lanzarote. **D.Prgr:** 0700-2400.
11) Antena 3, Tenerife, c/Villalba Hervas 1, 1°, Nr.8, Santa Cruz de Tenerife. **Te:** (922) 244222 — Dir: Fco Padrón.
12) Antena 3 Las Palmas, Franchy Roca, 5, 5°, La Palmas 35007, Gran Canaria. **Te:** 279911/90 — Dir: José Miguel Gonzalo. **DX-Prgr:** Sun 2130-2200.

## CAPE VERDE (Rep. of)

**L.T:** UTC-1h — **Pr.L:** Portuguese, Creole.

**S. Tiago (Island)**

### EMISSORA OFICIAL DA REP. DE CABO VERDE (Gov.)
**ADDR:** C.P. 26, Praia. **Te:** 344/434.
**STATIONS:** 6025kHz 0.5kW — **FM:** 98.0MHz 0.05kW.
**HOME SCE. in Portuguese and Creole:** 0700-0945, 1415-1615, 2000-0100.
**ANN:** "Aqui Praia, Em. Official da Rep. de Cabo Verde".
**INT-SIG:** Marimba.

**S. Vicente (Island)**

### RADIO VOZ DE SÃO VICENTE (Gov.)
**ADDR:** C.P. 29 Mindelo, S. Vicente.
**L.P:** St. Dir: Francisco Tomar.
**STATIONS:** 3931/7155kHz 10kW — **FM:** 95.1/89.1MHz.
**D.PRGR:** On 7155kHz: Mon-Fri 0730-0900 & 1300-1500, Sat 1100-1800, Sun 0900-1800 (all times variable); on 3931kHz: 1800-2400. (rel. Em. Oficial at times).
**ANN:** "Radio Voz de São Vicente".
**INT-SIG:** Gong and "Solo Violão" (folklore) on guitar.
**V.** by QSL-card. Rp.

## CENTRAL AFRICAN REPUBLIC

**L.T:** UTC + 1h — **Pr.L:** Sango, French — **E.C:** a/c 50 (yes).

### RADIO CENTRAFRIQUE (Gov.)
**ADDR:** B.P. 940, Bangui. **Te:** 2355.
**STATIONS:** (G.C: 18.35E/04.21N) : 1570kHz 1kW — 5035vkHz 100kW — 7220kHz 100kW — **FM:** 87.78MHz.
**D.PRGR:** 0430-2300 on 1570kHz + FM, 0430-0700 & 1630-2300 on 5035kHz, 0700-1630 on 7220kHz.
**N. in French:** 0530, 1200, 1830, 2200. **N. in Sango:** 1715.
**ANN:** F: "Ici R. Centrafrique".
**INT-SIG:** Repeated piano chord. Opens and closes with National Anthem — **V.** by letter.

## CHAD

**L.T:** UTC + 1h — **Pr.L:** French, Arabic, Sara & local languages.
**E.C:** a/c 50 (no).

### RADIODIFFUSION NATIONALE TCHADIENNE (Gov.)
**ADDR:** B.P. 892, N'djamena. **Cable:** Radio Tchad.
**L.P:** Dir. Inf. & Tech. Sces: Danrhet Oualbadet.
**STATIONS:** (G.C: 15.03E/12.08N) : 840kHz 20kW — 4904.5/7120kHz 100kW — **FM:** 94.05MHz.
**D. PRGR in French:** W 0455-0730, 1025-1430, 1555-2100 (Sat 2200); Sun 0455-1300, 1445-2100. 7120kHz: W 1025-1430, Sun 0700-1300. Other times on 4904.5kHz. All times on 840kHz + 94.05MHz. **N:** 0530, 1330, 1845.
**ANN:** "Ici N'djamena, Radiodiff. Nationale Tchadienne".
**INT-SIG:** Balafon — **V.** by QSL-card.

### RADIO MOUNDOU (Gov.)
**ADDR:** St. Régionale de la R.N.T, B.P. 122, Moundou.
**L.P:** St. Dir: Dorong G. Ketchoua.
**STATION:** 5288vkHz 5/2.5kW.
**D. PRGR:** 0500-0800, 1400-1800. **Arabic:** 0730-0800, 1445-

1545. **Sara:** 0700-0730, 1400-1445. Other times in French. **N:** 0545, 1700.
**ANN:** "Ici la Radiodiff. Nationale Tchadienne, la Voix de l'Unité, émettant de Moundou" — **V.** by letter.

## COMOROS (Fed. Islamic Rep.)

**L.T:** UTC + 3h — **Pr.L:** French, Comorian.

### RADIO COMORO (Gov.)

**ADDR:** B.P. 250, Moroni, Grand Comoro. **Te:** 2261.
**L.P:** Tech. Dir: Kombo Soulaimana.
**Stations:** Haboho (G.C: 43.15E/11.42S) — *) Moheli.

| kHz | kW | kHz | kW | kHz | kW | kHz | kW |
|---|---|---|---|---|---|---|---|
| 1089 | 40 | 1278* | 10 | 3331v | 4 | 7260 | 4 |

**FM:** 88.63/91.9/95.86MHz 0.05kW: All times.
**HOME SCE. in Comorian:** 0300-0430 on 1089/3331kHz, 0530-1000 on 7260kHz, 1000-1200 on 1089/7260kHz, 1400-1500 on 1089/3331kHz, 1600-2000 on 1089kHz. **French:** 1030-1200 on 1089/7260kHz.
**International Sce:** On 1089/3331kHz: **Arabic** 1500-1600. On 3331kHz: **French** 1605-1735 & 1805-2000; **Swahili** 1735-1805.
**ANN:** "Ici R. Comoro" — **V.** by letter. Rp. Rec. acc — **F.Pl:** 50kW on 702/1089kHz; 60kW SW-tr.

## CONGO (People's Rep.)

**L.T:** UTC + 1 h — **Pr.L:** French, Lingala, Kikongo
**E.C:** a/c 50 (yes)

### RADIODIFFUSION-TÉLÉVISION CONGOLAISE (Gov.)

**ADDR:** B.P. 2241, Brazzaville. **Te:** 81 24 73. **Cable:** Radio-Congo. **Reg. st:** B.P. 1063, Pointe Noire.
**STATIONS:** Brazzaville (G.C: 15.18E/04.15S), *) Ft. Rousset, **) Pointe Noire (G.C: 12.01E/04.15S).

| kHz | kW | kHz | kW | kHz | kW | kHz | kW |
|---|---|---|---|---|---|---|---|
| 863* | 10 | 3232+ | 50 | 6115 | 25 | 9715 | 50 |
| 1476 | 20 | 3265a | 50 | 7103 | 25 | 15190+ | 50 |
| 1520** | 0.25 | 4843** | 4 | | | | |

**FM:** 98.95MHz — +) irr — a) alt. to 3232kHz.
**NATIONAL NETW. in French, Lingala, Kikongo, Subia, English, Portuguese:** 0400-0700 on 863/1476/3232 (alt: 3265)kHz; 0700-1100 on 863/1476/6115/9715kHz; 1100-1700 on 863/1476/6115/9715/15190kHz; 1700-0100 (Sun 2300) on 863/1476/3232/6115/9715/15190kHz (9715/15190kHz irr. operate continuously 0400-0100). (all times on FM). **N. in French:** 0500, 1215, 1845, 2230. **N. in English:** W 0630 (irr.)
**To SWA/Namibia: English/Vernaculars:** 1800-1830.
**REGIONAL NETW. in French, Vernaculars:** 0445-0700, 1030-1330, 1445-2000 on 1520/4843kHz (relays N. from Brazzaville and own prgr's).
**ANN:** F: "Ici la Voix de la Révolution Congolaise, station nationale de la Radiodiff. et Télévision emettant de Brazzaville". Reg. st: "Ici Point Noire, station regionale de la Voix de la Révolution, Congolaise" — E: "This is Brazzaville, the Voice of the Revolution, our National Radio Station in the People's Republic of Congo".
**INT-SIG:** Zanzi solo. Opens & closes with National Anthem.
**V.** by letter. Rp. Rec. acc.

## DJIBOUTI (Rep.)

**L.T:** UTC + 3h — **Pr.L:** French, Somali, Afar, Arabic.
**E.C:** a/c 50, 220V.

### RADIODIFFUSION-TÉLÉVISION DE DJIBOUTI (RTD-Gov.)

**ADDR:** B.P. 97, Djibouti. **Te:** 352294. **Telex:** 5863.
**L.P:** St. Dir: M. Mohamed Djama Aden. Dir. Tec: B. Erouart.
**MEDIUMWAVES:** 1170/1539kHz 20kW.
**SHORTWAVES** (G.C: 43.00E/11.30N): 4780kHz 20kW.
**HOME SCE: On 1170kHz: French:** 0300-0430 (Fri 0500-0700), 0900-1100, 1500-1730. **N:** 0330 (Fri 0600), 1000, 1600. **Arabic:** Fri 0700-0900. **N:** 0700.
**On 1539/4780kHz: Somali:** 0300-0430 (Fri 0700-0900), 1100-1300, 1600-1730. **N:** 0330 (Fri 0800), 1600. **Afar:** 0430-0600 (Fri 0500-0700), 0900-1100, 1730-1900. **N:** 0500 (Fri 0600), 1000, 1800. **Arabic:** 0600-0800, 1300-1600. **N:** 0700, 1400, 1545.
**ANN:** F: "Ici Djibouti"; Afar: "Ah Djibouti Radio"; Arabic: "Houna Djibouti"; Somali: "Al Kani wa R. Djibouti".
**V.** by QSL-card or letter. (B). Rp. Rec. acc.

## EGYPT (Arab Republic of)

**L.T:** UTC+2h (Su: UTC+3h) — **Pr.L:** Arabic.
**E.C:** a/c 50, 220V.

### RADIO AND INTERNATIONAL COMMUNICATIONS ADMINISTRATION

**ADDR:** P.O. Box 795, Cairo. **Cable:** Radiomisr.
**L.P:** Chmn: A.K. Mohamed.

### EGYPTIAN RADIO AND TV UNION (Gov.)

**ADDR:** Radio and TV Building, Corniche El Nil, Cairo. **Cable:** Kahiradio—Engineering Authority: P.O. Box 1186, Cairo. **Telex:** 92152 Karadun. **Te:** 757155.
**L.P:** Min. of Inf: Safwat El-Sherif. Pres: Hussein Enan. Chmn. of Eng. Sector: Farouk Ibrahim Ali. Chmn. of Sound Prgr. Sector: Fahmi Omar.

| MEDIUMWAVES | kHz | kW | | kHz | kW |
|---|---|---|---|---|---|
| Cairo | 558 | 40 | Sohag | 1143 | 5 |
| Batra | 621 | 1000 | Tanta | 1161 | 60 |
| El Kharga | 702 | 10 | Qena | 1179 | 1 |
| Cairo | 711 | 100 | Ras Ghareb | 1188 | 10 |
| El Fayoum | 756 | 1 | Alexandria | 1197 | 10 |
| Abis | 774 | 500 | Asswan | 1278 | 5 |
| Batra | 819 | 450 | Assiut | 1305 | 5 |
| Santah | 864 | 500 | Hurghada | 1314 | 10 |
| Matruh | 882 | 10 | Cairo | 1341 | 100 |
| Hurghada | 918 | 10 | Queseir | 1350 | 10 |
| Assiut | 981 | 5 | El Kharga | 1368 | 10 |
| Idfu | 990 | 1 | Ras Ghareb | 1422 | 10 |
| Beni Suef | 1008 | 1 | El Minya | 1476 | 5 |
| Cairo | 1062 | 50 | El Arish | 1503 | 1 |
| El Minya | 1080 | 2 | Queseir | 1521 | 10 |
| Luxor | 1080 | 5 | Matruh | 1593 | 10 |
| Batra | 1107 | 600 | | | |

**SHORTWAVES:** Abis (G.C: 30.05E/31.10N): 250kW; *) Abu Zabaal (G.C: 31.22E/30.16N): 100kW; +) Mokattam (G.C: 31.15E/30.03N): 100kW.

| kHz | kHz | kHz | kHz | kHz | kHz | kHz |
|---|---|---|---|---|---|---|
| 7150* | 9620* | 9805 | 11915* | 15210 | 15420* | 17720 |
| 9455 | 9675* | 9850 | 11975* | 15220 | 15475* | 17745 |
| 9475 | 9720* | 11665* | 12050* | 15255* | 17670* | 17785 |
| 9495* | 9740 | 11715 | 15155 | 15335 | 17675 | 17800 |
| 9580* | 9755+ | 11785+ | 15175* | 15375 | 17690 | 21465 |
| 9585* | 9770 | 11905* | | | | |

**FM:** Cairo 89.5MHz 9kW, Alexandria 90.1MHz 15kW, Ismailia 94.2MHz 6.6kW (all Music Prgr); Cairo 95.4MHz 9kW, Alexandria 97.0MHz 15kW (Foreign Language Prgr).

**HOME SERVICES in Arabic to Egypt and the Arab World**
**General Arabic Prgr:** 24h on 819/882/981/990/1080/1143/1179/1188/1278/1314/1368/1521/1539kHz. Also on 1197kHz (0600-1200, Fri 0600-1400) and 1521kHz (0300-1800). **On Shortwaves:** 0350-0700 on 9455/9620/9805/11665kHz, 0700-1100 on 9495kHz, 0700-1500 on 11665/11785/12050/15175/15210kHz, 1300-1900 on 17670kHz, 1500-1800 on 9850/11665/11915/12050kHz, 1800-2345 on 9475/9850/11915/12050kHz.
**N:** 0100, 0200, 0500, 0600 (local), 0700, 0800, 0900, 1000 (exc. Fri), 1100, 1230, 1400, 1500, 1603, 1700, 1830, 2000, 2100, 2330.
**Second Prgr(Cultural):** 1800-2130 on 1062kHz.
**Middle East Comm. Prgr:** 0400-0630 & 1200-2315 on 774kHz.
**Voice of the Arabs:** 0300-0600 on 621/7150/9770/11905kHz, 0300-0500 on 1107kHz, 0800-1400 on 621/15475/17745kHz, 1400-1500 on 621/15475kHz, 1700-0030 on 7150/11785kHz, 1800-0030 on 621/1107kHz, 1800-1900 on 15475kHz, 1900-0030 on 11665kHz.
**Nile Valley Prgr:** 0500-0600 on 1107kHz, 1500-1800 on 621/15475kHz.
**Music Prgr:** (Arabic and Western music): 0400-1000, 1300-1800 & 2130-2400 on 1062kHz+FM.
**Palestine Sce:** 0600-0800 on 621/15475/17745kHz, 1200-1500 on 1107kHz.

**Quran Prgr:** 0230-0900 on 864/9755kHz, 0230-0700 on 1341kHz, 1200-2100 on 864/1341/9755kHz (Fri 0230-2100 on 864/1341/9755kHz).
**Regional Prgrs:**
**Greater Cairo on 711kHz:** 0400-2200. Youth Prgr: 0600-0700 & 1200-1700; People's Comm. Prgr: 0700-1200 & 1700-2000.
**Alexandria:** 1400 (Fri 0800)-2200 on 1197kHz.
**El Kharga:** 0600-2000 on 702kHz.
**Matruh:** 0600-2000 on 1593kHz.
**Mid Delta area:** 0400-0600 (Fri 1100) & 1500-1900 (Thurs 2100) on 1161kHz.
**North Upper Egypt:** 0500-0600 (Fri 1200) & 1600-1900 (Thurs 2100) on 756/1008/1305/1475kHz.
**Red Sea Coast:** 0600-2000 on 918/1350/1422kHz.
**PROGRAMMES IN OTHER LANGUAGES:**
**Hebrew Prgr:** 1000-1200 & 1500-1800 on 1107kHz. **N:** 1030, 1145,1530,1630,1730. **N. in English:** 1130. **N. in French:** 1115. **N. in Russian:** 1100.
**Foreign Language Prgr.** in English, French, German, Greek, Italian and Armenian: 0500-0715 & 1000-2200 (Fri/Sun 0500-2200) on 558kHz + FM.

**FOREIGN SERVICE**

**Areas:** I = Ea.Africa; II = Ce.Africa; III = So.Africa; IV = We.Africa; V = Europe; VI = So.Asia; VII = So.Ea.Asia; VIII = So.We.Asia; IX = No.America; X = So.America; XI = Ce.America.

| Afar | Area | kHz | Indonesian | Area | kHz |
|---|---|---|---|---|---|
| 1530-1630 | I/II | 15155 | 1215-1345 | VII | 21465 |
| **Amharic** | | | **Lingala** | | |
| 1730-1830 | I/II | 15155 | 1830-1915 | II/III | 15255 |
| **Arabic** | | | **Malay** | | |
| 0200-0300 | XI | 9585 | 1345-1430 | VII | 21465 |
| 1100-1130* | II/III | 17800 | **Ouolof (Wolof)** | | |
| 1115-1215 | VII | 17675 | 1830-1930 | IV | 15375 |
| 2300-0200 | XI | 15220 | **Persian** | | |
| 2340-0040 | IX | 9675 | 1250-1450 | VIII | 9580 |
| | X | 17720 | **Portuguese** | | |
| *) Dictation News. | | | 2215-2330 | X | 15420 |
| **Bambara** | | | **Pushtu** | | |
| 1930-2030 | IV | 15375 | 1500-1600 | VIII | 15175 |
| **Bengali** | | | **Shona** | | |
| 1330-1430 | VII | 17675 | 1645-1730 | II/III | 17785 |
| **English** | | | **Sindebele** | | |
| 0200-0330 | IX | 9675 | 1730-1815 | II/III | 17785 |
| | | 9475 | **Somali** | | |
| 1215-1330 | VII | 17675 | 1630-1730 | I/II | 15155 |
| 1630-1830 | II/III | 15255 | **Spanish** | | |
| 2030-2200 | IV | 15375 | 0045-0200 | IX | 9475 |
| 2115-2245 | V | 9805 | | XI | 9740 |
| **French** | | | | X | 11715 |
| 2000-2115 | V | 9805 | **Swahili** | | |
| 2030-2230 | IV | 15335 | 1530-1730 | I/II | 11975 |
| **Fulani** | | | **Thai** | | |
| 1930-2030 | IV | 15335 | 1130-1215 | VII | 21465 |
| **German** | | | **Turkish** | | |
| 1900-2000 | V | 9805 | 1645-1745 | VIII | 9720 |
| **Hausa** | | | **Urdu** | | |
| 1900-2100 | IV | 15210 | 1530-1700 | VI | 17690 |
| **Hindi** | | | **Yoruba** | | |
| 1430-1530 | VI | 17690 | 2100-2200 | IV | 15210 |
| **Italian** | | | **Zulu** | | |
| 1800-1900 | V | 9805 | 1600-1645 | II/III | 17785 |

**ANN:** General Arabic Prgr: "Idha'atu ğumhuriya misr al-'arabiyya min al-qahira". Second Prgr: "Al barnamağ ath-thaniy min al-qahira". Voice of the Arabs: "Saut al-'arab, min al-qahira". Middle East Prgr: "Idha'atu sharq al-ausat". Quran Prgr: "Idha' atu-l-quran". People's Prgr: "Ma'a-sh-sha'ab" — **V.** by QSL-card. Re. to P.O. Box 1186, Cairo. Schedules available upon request.

## EQUATORIAL GUINEA (Dem. Rep.)

**L.T:** UTC + 1h — **Pr.L:** Spanish, Vernaculars.

### RADIO NACIONAL DE GUINEA ECUATORIAL

**ADDR:** Apt. 195, Malabo, Isla Bioko. **Te:** 382 — Apt. 57, Batá, Mbini. **Te:** 182.

| STATIONS | kHz | kW | | kHz | kW |
|---|---|---|---|---|---|
| Batá | 4925a | 100 | Batá | 6120b | 50 |
| Batá | 5005a | 100 | Malabo | 6250 | 10 |

a) alternating — b) irr.
**D.PRGR: Malabo:** 0500-2205. **Vernaculars:** 1530-1900. Other times in Spanish.
**Batá:** 0430-0630 & 1600-2135v on 4925 (alt: 5005)kHz; 0630-1600 on 6120kHz (irr).
**ANN:** Batá: "R. Nacional, segunda estación de la Red de emissoras Guinea Ecuatorial" or "Estación Continental de R. Nacional".
**INT-SIG:** Malabo: Opens and closes with Nat. Anthem. Batá: Opens with tribal music and Nat. Anthem.
**V.** Both st's rarely by letter.

### INTERNATIONAL SCE. ("R. Africa")

**ADDR:** Ap. Postal 851, Malabo; Ap. Postal 441, Bâtá.
**STATION:** Batá 15110vkHz (power unknown).
**D.PRGR. in English/Spanish:** r1800-2130 (religious prgrs and music).
**V.** by QSL-card from some religious prgrs.
**F.Pl:** May use 7150/9555/11715kHz.

## ETHIOPIA

**L.T:** UTC + 3h — **Pr.L:** Amharic, Somali, English, French, Arabic, Afar, Tigre, Tigrigna, Oromigna — **E.C:** a/c 50, 127/220V (no).

### VOICE OF REVOLUTIONARY ETHIOPIA (Gov.)

**ADDR:** P.O. Box 1020, Addis Ababa. **Te:** 121011.
**Cable:** Ethiocast.
**L.P:** Gen. Mgr: Mulugeta Lule.
**MEDIUMWAVES**

| | kHz | kW | | kHz | kW |
|---|---|---|---|---|---|
| Harar | 855 | 100 | Asmara | 945 | 50 |
| Addis Ababa | 873 | 100 | Addis Ababa | 990 | 1 |

**SHORTWAVES:** Gedja (G.C: 38.38E/08.47N) : 100kW.

| kHz | kHz | kHz | kHz |
|---|---|---|---|
| 5990 | 7110 | 7165 | 9560 |

**NATIONAL SCE** on 873/5990/7110kHz: Mon-Fri 0330-0600, 0900-1030, 1500-2000; Sat 0330-0600, 1000-1300, 1500-2000; Sun 0400-0800, 1000-1400, 1500-2000. **Tigrigna:** 1500-1600. **N:** 1530. **Oromigna:** 0500-0600 (W), 1600-1700. Other times in Amharic. **N.** 0330 (W), 0400 (W), 0500 (Sun), 0900 (Mon-Fri), 0930 (Mon-Fri), 1000 (Sat/Sun), 1100 (Sat), 1700, 1800 (provincial), 1900, 1955.
**Regional Stations:** rel. National Sce. exc. as follows:
**Harar:** 0600-0700 Oromigna, 1400-1500 Somali.
**Asmara:** 0330-0415 Amharic, 1400-1500 Tigre, 1600-1700 Tigrigna.
**ANN:** Amharic: "Yeh Yeabiyo Tawit Ethiopia dimts Beherawi Agelgilot naw" — **INT-SIG:** Local flute (Washint) followed by martial music.

**EXTERNAL SERVICE**

**ADDR:** P.O. Box 654, Addis Ababa.
**To Ea. Africa:** 1200-1800 on 990/7165/9560 kHz: 1200-1300 Somali, 1300-1400 Afar, 1400-1500 Arabic, 1500-1600 English, 1600-1700 Amharic, 1700-1800 French.
**N: English:** 1502 (headlines), 1530; **French:** 1730.
**ANN:** "This is the External Sce. of "Voice of Revolutionary Ethiopia" broadc. from Addis Ababa" — **INT-SIG:** Piano.

## GABON (Republic)

**L.T:** UTC + 1h — **Pr.L:** French — **EC:** a/c 50, 220 V. (no).

### RADIODIFFUSION TÉLÉVISION GABONAISE (Gov.)

**ADDR:** B.P. 10150, Libreville; B.P. 270, Franceville. **Te:** 732784.
**Telex:** 5342 GO.
**L.P:** Dir. Gen: J. Adiahenot. Dir. of Broadc: R. Moubouyi. Chief Eng: J.E. Nkwele.
**STATIONS**
a = Oyem (G.C: 11.36E/01.40N); b = Franceville (G.C: 13.33E/01.36S); c = Port Gentil (G.C: 08.42E/00.42S); d = Libreville (G.C: 09.28E/00.25N); e = Tchibanga (G.C: 11.03E/02.52S)

| kHz | kW | Net | kHz | kW | Net |
|---|---|---|---|---|---|
| 548a | 20 | Prov. | 1575e | 20 | Prov. |
| 989b | 20 | Prov. | 1602b | 1 | Nat. |
| 1205a | 1 | Prov. | 4777d | 100 | Nat. |
| 1520c | 1 | Nat. | 7270d | 100 | Nat. |
| 1554d | 20 | Nat. | | | |

**FM:** Franceville 87.86MHz, Oyem 87.94MHz, Port Gentil 88.03MHz, Tchibanga 91.04MHz, Libreville 96.54MHz.

**NATIONAL NETWORK (French, Vernaculars):**
0430-2400 on 1520/1554/1602kHz + FM; 0430 (Sun 0530) - 0630 & 1600-2400 on 4777kHz; 0630-1600 on 7270kHz.
**N. in French:** 0500, 0600, 0700, 0800, 0900, 1000, 1100 (Sat 1130), 1200 (Sat 1230), 1400, 1500, 1600, 1700, 1800, 1900, 2000, 2100, 2200, 2300.
**PROVINCIAL NETWORK (in French, Vernaculars):**
**Franceville:** on 989kHz + FM: 0430-0700, 1030-1430 & 1600-2300.
**Oyem:** On 548/1205kHz + FM: 0430-0630, 1030-1400, 1600-2300.
**Tchibanga:** On 1575kHz + FM: 0430-0630, 1030-1400, 1600-2130/2145.
**ANN:** "Ici Libreville, la station national de la Radiodiffusion-Télévision Gabonaise" — "Ici . . . (town) . . . station provincial de la Radiodiffusion-Télévision Gabonaise".
**INT-SIG:** Different indigeneous instruments used by each st. Opens & closes with the National Anthem — **V.** by QSL-folder.

### AFRICA No. 1 (Comm.)

**ADDR:** B.P. 1, Libreville. **Te:** 760001. **Telex:** 5588 GO. (Addr. in France: Régie Internationale Africa No. 1, 31, rue la Boétie, F-75008 Paris. **Te:** 5635544. **Telex:** RIAFRIC 642111F).
**L.P:** Dir. Gen: J.B. Decrozes. Dir. Tec: Marguerite Bayimbi. Prgr. Dir: A. Letamba. Dir. N: J. Joseph Mbourou.
**STATION:** Moyabi-Moanda (G.C: 13.31E/01.40S): 4 × 500kW tr's. Freq's marked +) use 250kW only.

| kHz | kHz | kHz | kHz | kHz | kHz |
|---|---|---|---|---|---|
| 4810+ | 7200+ | 9715+ | 11770 | 15200+ | 21550 |
| 7135 | 9545 | 9790 | 11815+ | 15315 | 21575 |
| 7160+ | 9630+ | 11705 | 11940+ | 17750+ | 21695 |

**FM:** Libreville 94.5MHz (rel. SW Sce. 0500-2300).
**D.PRGR. in French:** To Ce. Africa (beam 330°): 0500-0800 & 1700-2300 on 4810kHz, 0800-1700 on 7200kHz.
To We. Africa (beam 307°): 0605-1700 on 15200kHz, 1700-2300 on 11940kHz.
**Religious Prgrs:** W 1700-1755 on 9630kHz (beam 307°): Adventist World Radio; Sun 0800-0855 on 17750kHz (beam 350°): Back to God Hour; D 1720-1755 on 11815kHz (beam 350°): Voice of the Gospel (produced by Lutheran World Federation) in Hausa; Sat 2230-2245 on 9715kHz (beam 350°): "Light for Islam".

**RELAYS OF R. FRANCE INTERNATIONAL**
To We. Africa: 1600-1700 on 11705kHz, 1800-2200 on 9790kHz; To Ce. Africa: 1800-2200 on 7160kHz.
To So. Africa: 0400-0500 on 7135 (alt: 9545)kHz, 0500-0600 on 9790 (alt: 11770)kHz.

**RELAYS OF R. JAPAN:**
0400-0600 to Europe on 15315kHz, 0600-0800 to Middle East on 21575kHz, 1500-1700 to Middle East on 21695 (alt: 21550)kHz.

**ANN:** "Ici Africa Numero Un, émettant depuis Libreville".
**V.** by QSL-card (Re. on RFI & R. Japan prgrs to respective st's).

## GAMBIA

**L.T:** UTC — **Pr.L:** English & 7 local languages.
**E.C:** a/c 50, 230V.

### RADIO GAMBIA (Gov.)

**ADDR:** Mile 7, Banjul. **Te:** 93.2101. **Cable:** Broadcast Banjul. **Telex:** 204 PRESOFBJL GV.
**L.P:** Dir. of Info & Broadc: S.J.S. Conateh. Asst. Dir. Broadc: M. Thomasi. Ag. Chief Eng: Y.A. Toure. Prgr. Contr: E. Cole.

| Mediumwaves | kHz | kW | P | | kHz | kW | P |
|---|---|---|---|---|---|---|---|
| Bonto | 648 | 10 | 1 | Basse | 747 | 1 | 1 |
| Bonto | 684 | 10 | 2 | Basse | 774 | 1 | 2 |

**FM:** Banjul 94.1MHz 0.1kW; Bonto 88/96MHz.
**1st Prgr. in English and local languages:** Mon-Thurs 0625-1400, 1655-2400; Fri/Sat 0625-2400; Sun 0725-2400 — **BBC World News:** 0700, 1300, 2000 — **News of the African World** (BBC): 0730 — **N.** in English/Wolloff/Mandinka: 0700, 1300, 1800, 2355. **N.** In Fula/Jola/Sarahulay: 1200, 2100. **N. Magazine in English:** 2200 (Mon-Fri). (**NB:** Local languages will be transferred to 2nd prgr. when it starts).
**2nd Prgr:** Local languages, Rural & Adult Education Sce. (not yet operational).
**ANN:** "You are tuned to R. Gambia from Banjul".
**INT-SIG:** Cora (harp) — **V.** by letter (B).

### RADIO SYD (Comm.)

**ADDR:** P.O. Box 280, Banjul. **Te:** 8170. **Cable:** Syd.
**L.P:** Gen. Mgr: Miss Constance Wadner Enhörning.
**STATION:** Banjul 909kHz 2.5kW.
**D.PRGRS. in English, French, German, Wolloff, Mandinka:** 0600-0200 — **N.** (Rel. from R. Gambia): 0700, 1300, 1800, 2100. **Swedish:** 0800-0830, 2000-2030 — **V.** by letter.

## GHANA

**L.T:** UTC — **Pr.L:** Akan, Ewe, Dagbani, Ga, Hausa, Nzema, English — **E.C:** a/c 50, 230V (no).

### GHANA BROADCASTING CORPORATION (Autonomous Statutory Corp.)

**ADDR:** P.O. Box 1633, Accra. **Cable:** Broadcast Accra. **Te:** 21161. **Telex:** 2114.
**L.P:** Ag. Dir. Gen: L.W. Fifil Hesse. Dep. Dir. Gen: O. Prempeh. Ag. Dir. (Technical Sces): C.E. Amoah. Dir. Eng: T.N.L. Bonso-Bruce. Dir. TV: Ms Aba Hayford. Chief Public Rel. Officer: E. Amarh.
**SHORTWAVES** (G.C: Accra 00.10E/05.31N; Ejura 01.22E/07.23N)

| Location | kHz | kW | N | Location | kHz | kW | N |
|---|---|---|---|---|---|---|---|
| Accra | 3366 | 10 | 2 | Ejura | 5990v | 10 | 1 |
| Accra | 4915 | 10 | 1 | Accra | 7295 | 10 | 2 |

**GBC-1 in English/Vernaculars:** 0545-0800 & 1200-2200 (Sun 0545-2200) on 4915kHz; 1200 (Sat/Sun 0900)-1515 on 5990kHz.
**N:** 0600, 0700, 0800, 1100 (Sat/Sun), 1300 (W), 1400, 1800, 2000, 2100.
**GBC-2 (Commercial Sce) in English:** 0545-0800 (Sun 0900) & 1530-2200 on 3366kHz; 1200 (Sun 0900)-1530 on 7295kHz.
**N:** On the h, also 2245.
**ANN:** "This is GBC-1/2, the Domestic/Commercial Sce. of R. Ghana" or "Domestic Sce. of Ghana Broadc. Corp, GBC-1".
**INT-SIG:** Home Sce. sign on with drum beat; Ext. Sce: Afr. instruments, also chimes — **V.** by QSL-card. (B). Re. on technical matters to Propagation Eng; on prgrs to Head of External Sce. Rec. acc. — **PUB:** "What's New?" (once in 2 months) "Radio & TV Times" (weekly).

## GUINEA (Republic)

**L.T:** UTC — **Pr.L:** French, Vernaculars.
**E.C:** a/c 50, 220/380V (no).

### RADIODIFFUSION NATIONALE (Gov.)

**ADDR:** B.P. 391, Conakry. **Telex:** 640.
**L.P:** Dir. Gen: B. Camara. Dir. Tec. Sces (radio): Albert Koultousni. Dir. of Prgrs: B. Kaba.
**STATIONS** (G.C: 13.40W/09.32N) exc. *) Labé (G.C: 12.17W/11.19N).

| kHz | kW | kHz | kW | kHz | kW | kHz | kW |
|---|---|---|---|---|---|---|---|
| 1295 | 1 | 1404 | 200 | 6155v | 18 | 9650 | 80 |
| 1386* | 100 | 4910 | 18 | 7125 | 18 | 15310 | 80 |

**FM:** Conakry 89.5MHz 2.5kW.
**D.PRGR. in French/Vernaculars:** W 0600-0800, 1230-0300; Sun 0800-0100 (on 15310kHz: 1600-s/off). **English:** r1830-1930.
**ANN:** "Ici Conakry, la Voix de la Révolution, Radiodiff. Nationale

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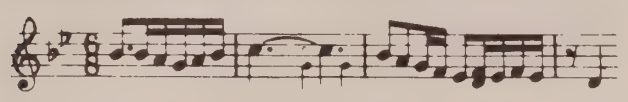
de la République Populaire et Révolutionaire du Guinée". E: "This is Conakry, the Voice of the Revolution, the Radio and Television of the People's Revolutionary Republic of Guinea" — **INT-SIG:** First movements of the popular heroic song "Alpha Yaya" (first movements of the Guinean National Anthem) on Guitar.



**V.** Rarely by letter. Re. to Dir. Tec.

## GUINEA-BISSAU (Rep.)

**L.T:** UTC — **Pr.L:** Portuguese.

### RADIODIFUSÃO NACIONAL (Gov.)

**ADDR:** C.P. 191, Bissau.
**STATION:** (G.C: 15.35W/11.51N): 1034kHz 5kW—5475 kHz 10kW + FM.
**HOME SCE. in Portuguese:** 0600-2400. **N:** 0700, 2215.
**ANN:** "Escutar a Radiodifusão Nacional da República de Guiné-Bissau" — **V.** by QSL-folder. Rp.

## IVORY COAST

**L.T:** UTC — **Pr.L:** French, 13 Vernaculars.
**EC:** a/c 50, 220/380V (yes).

### RADIODIFFUSION TELEVISION IVOIRIENNE (Gov.)

**ADDR:** B.P. V191, Abidjan 01. **Te:** 324448 **Cable:** 3/501.
**L.P:** Dir. Central: Kone Ibrahim. Dir. Tec: Louis Diallo.

**STATIONS:** Abidjan (G.C: 03.75W/05.21N); *) Bondoukou (G.C: 02.47W/08.08N), **) Bouake (G.C: 05.00W/07.40N).

| kHz | kW | kHz | kW | kHz | kW |
|---|---|---|---|---|---|
| 1241* | 1 | 1578** | 0.1 | 7215 | 20/10 |
| 1493 | 20 | 4940 | 25 | 11920 | 100 |

**FM:** (MHz) (F = French, V = Vernacular Sces).

| Location | F | V | | F | V |
|---|---|---|---|---|---|
| Abidjan | 87.9 | 91.9 | Mt. Tonkoui | 88.03 | 91.9 |
| Bouaflé | 90.2 | 94.2 | Niamgbo | 91.3 | 88.7 |
| Digo | 95.4 | 94.2 | Niangué | 87.6 | 91.8 |
| Dimbokro | 88.2 | 92.06 | Seguela | 94.8 | 98.7 |
| Koun Abrosso | 88.1 | 91.0 | Tiemé | 94.3 | 90.9 |

**HOME SCE. In French:** 0600-1600 on 1493/1578/7215/4940/11920kHz + FM, 1600-2000 on 1241kHz + FM, 2000-2400 on 1493/4940/11920kHz + FM. **N:** 0602, 0645 (W), 0730, 1202 (W), 1205 (Sun), 1245 (Sun), 1355 (W), 1602 (W), 2000, 2230, 2355.
**Vernaculars:** 1600-1830 on 1493/1578/4940/7215/11920kHz + FM.
**FOREIGN SCE: English:** 1830-2000 on 1241/4940/7215/11920kHz + FM. **N:** 1900.
**ANN:** "Ici Abidjan, Radiodiff.-Télévision Ivoirienne, Programme National". **E:** "This is the International Sce. of R. Ivory Coast broadcasting from Abidjan".
**INT-SIG:** Signs on with Clock Chimes and National Anthem. Foreign Sce: Xylophone — **V.** by QSL-card. Rp.
**F.PL:** 250kW tr. on 15230kHz + further SW-tr.

## KENYA

**L.T:** UTC + 3h — **Pr.L:** English, Swahili, Hindustani, 11 Vernaculars — **EC:** a/c 50, 240 (yes) + some d/c.

### VOICE OF KENYA (Gov.)

**ADDR:** Box 30456, Nairobi. **Te:** 334567. **Cable:** Broadcasts Nairobi. **Telex:** 22244 NBO.
**L.P:** Ag. Dir. of Broadc: D. Marami. Chief Eng: S.N. Macharia. Dep. Chief Eng: Charles Amira. Public Rel. Officer: F. Koinange.

**Remember to check the Last Minute Information in this edition for significant changes notified too late for this section.**

**HOME SERVICES**
**Mediumwaves:**

| Location | kHz | kW | Sce. | | kHz | kW | Sce. |
|---|---|---|---|---|---|---|---|
| Kisumu | 558 | 20 | G | Voi | 981 | 100 | G |
| Nairobi | 612 | 100 | N | Mombasa | 1080 | 100 | G |
| Meru | 702 | 100 | N | Nakuru | 1206 | 20 | G |
| Nairobi | 747 | 100 | G | Garissa | 1224 | 10 | N |
| Mombasa | 792 | 100 | N | Nyeri | 1269 | 20 | C |
| Kisumu | 882 | 100 | W | Garissa | 1314 | 10 | G |
| Meru | 900 | 100 | G | Maralal | 1359 | 5 | N |
| Nakuru | 918 | 20 | N | Nyeri | 1368 | 20 | G |
| Kisumu | 954 | 100 | N | Kitale | 1494 | 5 | G |

**Shortwaves:** Nairobi (G.C: 36.41E/01.22S)

| kHz | kW | Sce. | kHz | kW | Sce. | kHz | kW | Sce. |
|---|---|---|---|---|---|---|---|---|
| 4804 | 5 | G | 4950 | 5 | C | 7150 | 5 | C |
| 4885 | 5 | E | 7125 | 5 | G | 7240 | 10 | E |
| 4915 | 100 | N | 7140 | 100 | N | | | |

**NB:** A new 250kW SW-tr testing on various freqs at time of editing.
**FM:** Nairobi 1kW: 92.9MHz N — 95.1MHz G — 91.51/95.60MHz G (locations unknown).
**Nairobi Studios**
**NATIONAL SCE(N) in Swahili:** 0300 (Sun 0330)-2010 (Sat 2110) on MW + FM — **On 4915kHz:** 0300 (Sun 0330)-0630, 1330-2010 (Sat 2110) — **On 7140kHz:** 0800-1100. **N:** 0315, 0400, 0600, 1000, 1400, 1600, 1800.
**GENERAL SCE(G) in English:** 0300-0620, 0900-1102, 1300-2010; Sat 0300-2110; Sun 0330-2110 on MW + FM.
**On 4804kHz:** 0300 (Sun 0330)-0630, 1300 (Sat/Sun 1330)-2010 (Sat 2110) — **On 7125kHz:** 0900-1102 (Sat/Sun 0630-1330).
**N:** 0400, 0600, 1000, 1100 (W), 1400, 1500 (Sun), 1600, 1800, 1900, 2000 (exc. Sat), 2100 (Sat only).
**CENTRAL SCE (C)** in Kikuyu/Kikamba/Kimeru/Hindi: 0700-1330 on 1269/7150kHz, 1430-1900 on 1269/4950kHz.
**Kisumu Studios**
**WESTERN SCE (W)** in Kuria/Kisii/Kalenjin/Teso/Luhya & Luo: 0300-0530, 0900-1100, 1300-1945 on 882kHz.
**Mombasa Studios**
**NORTH-EASTERN & COASTAL SCE (E)** in Somali/Turkana/Rendille & Boran: 0250-0630 & 1420-2010 on 4885/4934kHz, 0630-1330 on 7240kHz.
**ANN:** "This is the General Sce. of the Voice of Kenya, Nairobi". Swahili: Nairobi: "Hii ni Sauti ya Kenya". Mombasa: "Hii ni Mombasa" — **INT-SIG:** Flute & Drum melody. Opens and Closes with the National Anthem — **V.** by QSL aerogramme.

### VOICE OF KENYA/UNESCO HOMA BAY COMMUNITY RADIO ST.

**ADDR:** P.O. Box 11, Homa Bay, So. Nyanza.
**STATION:** FM 90.7MHz 0.01kW.
**D.PRGR. in Luo/KiSwahili:** 1515-1645v.
**F.PL:** Power increase, possible freq. change.

## LESOTHO

**L.T:** UTC + 2h — **Pr.L:** Sesotho, English — **E.C:** a/c 50, 240V.

### LESOTHO NATIONAL BROADCASTING SERVICE (Gov, Comm.)

**ADDR:** P.O. Box 552, Maseru 100. **Te:** 23561. **Telex:** 340 BB. **Cable:** Media, Maseru.
**L.P:** Dir. of Broadc: T. Ntsane. Principal Prgr. Officer: A.M. Motaung. Sen. Eng: F.N. Letele.
**STATIONS:** Maseru (Lancer's Gap): 891kHz 100kW — 4800kHz 100kW. **FM:** 87.77MHz 1kW.
**HOME SCE. In Sesotho, English:** 0300-2200 on 891/4800kHz.
**N. in Sesotho:** 0430, 0700, 1100, 1700, 1900, 2100.
**N. in English:** 0500, 0530 (W), 1130, 1600.
**BBC World Sce. Relay** 0400-2030 on FM.
**ANN:** "This is R. Lesotho" or "This is the Lesotho National Broadcasting Sce., Maseru"; Sesotho: "Se-ea-le-moea sa Lesotho, Maseru" — **INT-SIG:** Nat. Anthem at opening and closing — **V.** by QSL-card. **F.PI:** may use 3336kHz.

### BBC LESOTHO RELAY

**STATION:** 1 × 100kW SW-tr, relaying BBC World Sce. and English & Portuguese to Africa.

| kHz | kHz | kHz |
|---|---|---|
| 6190 | 9515 | 11830 |

Full details of tr's are included in the BBC schedule under United Kingdom.

## LIBERIA (Rep.)

**L.T:** UTC — **Pr.L:** English, Liberian and 15 Vernaculars
**E.C:** a/c 60, 120V.

### LIBERIAN BROADC. SYSTEM (Comm.)

**ADDR:** P.O. Box 594, Monrovia. **Te:** 271146. **Cable:** Broadcasts.
**STATIONS** (G.C: 10.42W/06.14N): 630kHz 10kW — 3255/6090kHz 50kW. **FM** (Stereo): 98.926MHz 2.5kW.
**HOME SCE:** 0500 (Sun 0600)-2400 on 630kHz; s/on-0730 & 1800-2400 on 3255kHz: 0730-1800 on 6090kHz (No transmissions Wed 0900-1200). **On FM:** 0500 (Sun 0600)-0900 & 1200-2400 (Wed/Sat 0500-2400). **N. in English:** 0700, 0900, 1200, 1400, 1600*, 1800*, 1900, 2100, 2145* (VOA), 2300 — *) Mon-Fri.
**Rural Communications Network:** 4 st's under construction.
**ANN:** "This is ELBC, Monrovia" — **V.** by QSL-card (B).
**F.PL:** 50kW on 630kHz.

### LAMCO BROADCASTING STATION — ELNR

(Owned by Lamco Joint Venture, The Liberian-American-Swedish Minerals Company).
**ADDR:** The Lamco Inf. & Broadc. Service, Nimba.
**STATIONS:** Buchanan/Nimba 93.4MHz (both 0.18kW).
**D.PRGR. in English and Vernaculars:** 0530-2400 (Local Prgrs for LAMCO workers and VOA/BBC and LBS Relays).
**PUB:** Lamco News (monthly).

### RADIO ELWA

(Cultural Missionary Broadc. Sce. of the Sudan Interior Mission).
**ADDR:** Box 192, Monrovia. **Cable:** Evangel. **Te:** 271669.
**L.P:** Broadc. Dir: Stan Bruning. Dir. of Eng: Cordell Loken.
**STATIONS:** (G.C: 10.42W/06.14N): 2×10kW, 2×50kW SW-trs; 1×10kW MW-tr.

| kHz | kW | kHz | kW | kHz | kW | kHz | kW | kHz | kW |
|---|---|---|---|---|---|---|---|---|---|
| 711 | 10 | 4760 | 10 | 6070 | 10 | 11755 | 50 | 11940 | 50 |
| 3230 | 10 | 6070 | 50 | 9550 | 50 | 11830 | 50 | | |

**HOME SCE: English: On 711kHz:** W 0530-0800 (Fri 0815), 1525-2300; Sat 0530-2300; Sun 0700-2245. **On 4760kHz:** Mon-Fri 0600-0800 (Fri 0815), 1730-2300; Sat 0600-0830, 1730-2300; Sun 0700-0830; 1730-2245. **On 6070kHz:** 1530 (Sat/Sun 0830)-1755.
**N:** 0625(W), 0655(W), 0700(BBC), 0800(W), 0900(BBC-Sat/Sun). 1200(Sat/Sun), 1300(Sat/Sun), 1600, 1700, 1755(W), 1900, 2000(W), 2200 (VOA).
**Vernaculars: On 3230kHz:** 0610-0800, 1805-2225 (Tues/Thurs 2200). **On 4760kHz:** 1730-1900.
**EXTERNAL SCE:** I = We. Africa (97°/325°); II = We. and Ce. Africa (81°); III = No. Africa (18°).

| Arabic | Area | kHz | Hausa | Area | kHz |
|---|---|---|---|---|---|
| 0630-0730 | III | 11940 | 1830-1900 | II | 11830 |
| 2015-2115 | III | 11755 | **Fulfulde** | | |
| **English** | | | 1800-1830 | II | 11830 |
| 0700-0800 (Sat) | II | 11830 | **Ibo** | | |
| 0700-0730 (Sun) | II | 11830 | 1900-1930 | II | 11830 |
| 1345-1630 (Sun) | II | 11830 | **Kanuri** | | |
| 2015-2115 | II | 11830 | 0800-0815 (Sat) | II | 11830 |
| **French** | | | **Yoruba/Nupe** | | |
| 0800-0900 (Sun) | II | 11830 | 0630-0700 (Sun) | II | 11830 |
| 1215-1315 | I | 9550 | 1930-2015 | II | 11830 |
| 1700-1800 | II | 11830 | **Various** | | |
| 1815-1915 | I | 6070 | 1630-1700 (Sun) | II | 11830 |
| | | | 1915-2000 | I | 6070 |

**ANN:** Home and Foreign Sce: English: "This is ELWA broadc. from Monrovia, Liberia." French: "Ici ELWA, Monrovia, Liberia."
**INT-SIG:** Vibraharp recording: Part of song "O Give the Winds a Mighty Voice" — **V.** by QSL-card. Rec. acc. Rp. preferred (3 IRC's for airmail) — **PUB:** R. News. Bulletin (quarterly). Broadcast sched. free on request — **FI:** Voluntary gifts.

### VOICE OF AMERICA RADIO STATION IN LIBERIA

**ADDR:** Voice of America, Washington DC, 20547, USA.
**Shortwave:** Monrovia (G.C: 10.33W/06.26N): 6×250kW and 2×50kW tr's.

| kHz | kHz | kHz | kHz | kHz | kHz | kHz |
|---|---|---|---|---|---|---|
| 6035 | 7195 | 9605 | 11715 | 11850 | 15445 | 17860 |
| 6180 | 7265 | 9670 | 11720 | 11915 | 15600 | 17870 |
| 6190 | 7280 | 9715 | 11760 | 15235 | 17705 | 21500 |
| 7135 | 9540 | 9750 | 11780 | 15315 | 17740 | 21660 |
| 7175 | 9550 | 11710 | 11835 | 15320 | 17800 | |

**D.PRGR:** See USA.
**ANN, INT-SIG, V:** See main entry under USA.

## LIBYAN ARAB JAMAHIRIYA

**L.T:** UTC + 1h (Su: UTC + 2h) — **Pr.L:** Arabic.
**E.C:** a/c 50, 127/130V.

### LIBYAN JAMAHIRIYA BROADCASTING (Gov.)

**ADDR:** P.O. Box 3731, Tripoli; P.O. Box 119, El-Beida.
**Te:** 32451. **Cable:** Idaa-Libya.

| Mediumwaves | kHz | kW | | kHz | kW |
|---|---|---|---|---|---|
| Tobruk | 648 | 300 | Tripoli | 1053 | 50 |
| Benghazi | 675 | 100 | Ajedabia | 1080 | 40 |
| Ghadames | 711 | 50 | El Beida | 1124 | 500 |
| Jefren | 711 | 50 | Tripoli | 1251 | 500 |
| Sebha | 711 | 50 | Tripoli | 1402 | 20 |
| Sirte | 792 | 20 | Misurata | 1448 | 20 |
| Sebha | 827 | 300 | Brak | 1483v | 1 |
| Giaghboub | 909 | 20 | Tripoli | 1590 | 20 |
| Kufra | 909 | 10 | | | |

**FM:** Tripoli 94.0MHz; El Beida 87.9MHz 1 kW; Tobruk 98.4MHz 2kW.
**Shortwaves:** Tripoli/Sabrata(G.C: 13.11E/32.54N) 500kW exc. +)100kW; °)Benghazi (G.C: 20.04E/32.08N) 100kW; *)Sebha(G.C: 14.50E/25.52N) 100kW.

| kHz | kHz | kHz | kHz | kHz | kHz |
|---|---|---|---|---|---|
| 6000* | 7150 | 9615 | 9745 | 11815 | 15415 |
| 6155 | 7245 | 9655 | 11790 | 11865 | 15450 |
| 6185+ | 9600° | 9705 | 11795 | 15235 | 17930 |

**HOME SCE. in Arabic:** 0500-1745 on MW (exc. 1402/1590kHz) + FM; 0500-2350 on 6185/9600kHz; 0900-1900 on 6000kHz; 1745-2350 on 675/1053/1483kHz + FM.
**N:** 0600, 0900, 1200, 1330, 1600, 1700, 1900, 2130, 2330.
**FOREIGN LANGUAGE PRGR on 1590kHz:** 0700-0900 Italian, 0900-1100 English, 1400-1600 French, 1600-1800 English, 1800-1900 Urdu, 1900-2100 Italian.
**HOLY QURAN PRGR.** on 1402kHz: 0400-1900 (Su: 0300-1930). Exact times vary acc. to sunrise/sunset.

#### EXTERNAL SERVICE

**ADDR:** P.O. Box 333, Tripoli (European Branch Office: P.O. Box 17, Hamrun, Malta).
**Relay of Home Sce. in Arabic:** 1100-1745 on 15235/15415/15450kHz, 1200-1745 on 17930kHz, 1500-1745 on 7150kHz.
**"Voice of the Arab World" in Arabic:** 1745-2000 on 7150/11795/11865/15235/17930kHz; 2000-2200 on 6155/9705/11790/11795/11815/11865/15235/17930kHz; 2200-2400 on 6155/9615/9655/9705/9745/11790/11795/11865kHz; 0000-0200 on 6155/7245/9615/9655/9745/11815kHz; 0200-0400 on 7245/9655/9745/11815kHz. (**NB:** Exact times for each freq. are variable).
**N:** 1815, 2115, 2300, 0015, 0215, 0345.
**English** 1800-1900 to Africa on 15450kHz. (**N:** 1847); 2230-2400 to No. America on 11815kHz (**N:** 2330).
**ANN:** Home Sce: "Idha'at al-ğamahiriyah al-'arabbiya al-libiyya ash-sha'abiyya al-ishtirakiyya". Voice of the Arab World: "Idha'at saut al-uatan al-'arabiy, saut ath-thaurati ash-sha'abiyya". E: "On 11816kHz in the 25m.b. SW, you're tuned to R. Jamahiriyah" or "This is the African Sce. of R. Jamahiriyah".
**INT-SIG:** Prgrs open and close with Nat. Anthem — **V.** by letter (re. to P.O. Box 17, Hamrun, Malta).

## MADAGASCAR (Dem. Rep.)

**L.T:** UTC + 3h — **Pr. L:** Malagasy, French.
**E.C:** a/c 50, 110/220V.

### RADIO MADAGASIKARA (Gov, Comm.)

**ADDR:** B.P. 1202, Antananarivo. **Cable:** Radiogascar. **Te:** 223-81.
**L.P:** Dir: D. Ranaivoharisoa. Chief Eng: B. Rakotoarivelo. Chief Tech. Radio: L. Rasolofomanana.

| MEDIUMWAVES | kHz | kW | | kHz | kW |
|---|---|---|---|---|---|
| Antananarivo | 693 | 2×75 | Antalaha | 1485 | 0.25 |
| Nosy-Be | 1125 | 0.25 | Antananarivo | 1502 | 4/20 |
| Tulear | 1251 | 1 | Majunga | 1539 | 1 |
| Antsirabe | 1263 | 0.25 | Diego-Suarez | 1557 | 1 |
| Flanarantsoa | 1350 | 1 | Tamatave | 1566 | 1 |
| Ambatondrazaka | 1377 | 0.25 | Morondava | 1586 | 0.25 |
| Antananarvivo | 1394 | 1 | Maintirano | 1602 | 0.25 |
| Fort-Dauphin | 1467 | 0.25 | | | |

**SHORTWAVES**

| kHz | kW | kHz | kW | kHz | kW | kHz | kW |
|---|---|---|---|---|---|---|---|
| 3288v | 100 | 3359 | * | 6135v | 30/100 | 9690 | 10 |

*) irr. or alternative freq. only.

**HOME SCE:** 0300-2100 on 693/1394kHz + regionals; 0600-1300 on 1502kHz; **On SW:** 0300-0500 & 1500-2100 on 3288vkHz, 0300-1500 on 6135vkHz, 0500-1500 on 9690kHz. **French:** 1845-2100.
**N. in French:** 0430 (W), 0500 (Sun), 1030, 1530, 1845.
**N. in Malagasy:** 0330, 0930, 1600, 1830.
**ANN:** Malagasy: "R. Madagasikira ity", "Radio Télévision Malagasy" — **INT-SIG:** "O Raketaka" played on "Valiha" typical instrument consisting of bamboo, the detached fibres of which are used as strings):

**V.** by QSL-card, Re. in French. Rp. (B).

### RADIO NEDERLAND AND RELAY STATION

Talata/Volonondry (G.C: 47.37E/18.43S): 2×300kW SW-trs.

| kHz | kHz | kHz | kHz | kHz | kHz | kHz |
|---|---|---|---|---|---|---|
| 6020 | 9520 | 9715 | 11740 | 15570 | 21475 | 21485 |
| 7285 | 9540 | 11735 | 15560 | 17575 | 21480 | 21640 |
| 9515 | 9590 | | | | | |

For prgr. details see R. Nederland, Netherlands.

## MADEIRA (Portuguese)

**L.T:** UTC — **Pr.L:** Portuguese — **E.C:** a/c 50, 220/380V.

### CENTRO REGIONAL RDP/MADEIRA (Gov.)

**ADDR:** Rua dos Netos 27, 9000 Funchal. **Te:** 29155.
**Telex:** 72111 RDPMAD.
**L.P:** Dir: Afonso de Almeida.
**STATIONS:** Pico de Arieiro 603kHz 10/1kW; Funchal 1332kHz 10kW — **FM:** 94.1MHz 5kW.
**D.PRGR:** 0700-0001 **N:** 0800, 0830, 0900, 1000, 1100*, 1200, 1300*, 1500, 1600, 1700, 1800, 2000*, 2200, 2300* — *) incl. local news and wrp.
**ANN:** "Estúdios na Madeira da Radiodif. Portuguesa".
**V.** by QSL-card. (via RDP, Lisboa).
**F.Pl:** 1kW MW-tr + FM-tr. on Porto Santo.

### POSTO EMISSOR DE RADIODIF. DO FUNCHAL (Pr,Comm.)

**ADDR:** Rua Ponte de S. Lázaro 3, 9000 Funchal. **Te:** 21797.
**STATIONS:** CSB91 1530kHz 1kW + CSB220 91.9MHz 0.25kW.
**D.PRGR:** 0700-2400 — **FM** (stereo): 1300-1700, 1930-2400.
**N:** rel. R. Renascença, Lisboa.
**ANN:** "Aqui Funchal, estúdio do posto emissor de Radiofusão".
**F.Pl:** 10kW on 1530kHz.

### ESTAÇÃO RÁDIO MADEIRA (Pr,Comm.)

**ADDR:** C.P. 450, 9000 Funchal. **Te:** 41883. **Telex:** 72165 Esrama.
**STATION:** (Pico dos Barcelos): CSB90 1485kHz 1kW.
**D. PRGR. in Portuguese:** 0700-2400 (Sat 0200). **N. in Portuguese:** 0745, 0930-1730 hourly (exc. 1330), 1900 (local), 1930. **Local N:** 1245, 1925, 2030, 2130, 2230. **"Rádio Turista":** 0830-0900 Danish/Swedish, 0900-0930 (Mon-Fri) German, 1745-1830 English, 1830-1900 French.
**ANN:** "Estação Radio Madeira, no comprimento de onda de 202m, frequência de 1485kHz" — **V.** "R. Turista" prgrs by letter from R. Turista, Rua da Queimada de Baixo, 27-2°, 9000 Funchal.

## MALAWI

**L.T:** UTC + 2h — **Pr.L:** Chichewa, English — **E.C:** a/c 50, 230V (yes).

### MALAWI BROADCASTING CORPORATION (Statutory Body)

**ADDR:** P.O. Box 30133, Chichiri, Blantyre 3. **Te:** 671222. **Cable:** Radomalawi, Blantyre. **Telex:** 4425 Wailesi MI.
**L.P:** Gen. Mgr: P.T.S. Kandiero. Head of Production: H.R. Chirwa.

| STATIONS | kHz | kW | | kHz | kW |
|---|---|---|---|---|---|
| Mangochi | 540 | 10 | Bangula | 1278 | 1 |
| Karonga | 558 | 10 | Kasungu | 1278 | 1 |
| Lilongwe | 594 | 50 | Blantyre | 3380 | 100 |
| Lusangazi | 675 | 50 | Blantyre | 5995 | 20 |
| Blantyre | 756 | 50 | Blantyre | 7130 | 100 |
| Nkhota Kota | 1107 | 1 | | | |

**FM:** Mpingwe 92.2MHz 0.25kW, Zomba 98.27MHz 0.25kW, Kanengo 92.7MHz 0.5kW, Lilongwe 92.7MHz 0.25kW + 9 st's 0.1kW or less.
**HOME SCE:** 0253-2210 on MW + FM.
**On 3380kHz:** 0253-1110(A); 1300-2210(A); 0253-0530(B), 1750-2215(B). **On 5995kHz:** 0400-1615(A); 0500-2100(B). **On 7130kHz:** 0600-1715(B).
(A) = May-September, (B) = September-May.
**N. in English:** 0500 (W), 0600 (Sun), 0700 (W), 0800 (Sun), 0900, 1030 (Sat/Sun 1100), 1200 (W), 1400, 1600, 1800, 2000 (W), 2100. **N. in Chichewa:** 0400, 0500 (Sun), 0600 (W), 0800 (W), 1050 (Sat/Sun 1110), 1300 (W), 1500 (W), 2002 (W), 2102, 2200.
**ANN:** E: "This is the MBC" or "This is the International Sce. of the MBC". Chichewa: "Kuno ndi ku Interanashonolo Sevesi ya MBC".
**INT-SIG:** 0253 Cock Crow and rapid drum beat. Pikisfon just before 1600 and 1700:

**V.** by letter — **F.PL:** 20kW Relay st. at Champina.

## MALI (Rep. of)

**L.T:** UTC — **Pr.L:** French + 7 local languages.
**EC:** a/c 50, 220V (yes).

### RADIODIFF.-TÉLÉVISION MALIENNE (Gov.)

**ADDR:** B.P. 171, Bamako. **Te:** 222474. **Cable:** Radio-Mali.
**L.P:** Dir. Gen: Younouss Hameye Dicko. Ag. Dir: Baba Halaou. Dir. Tec: Didiaé Traore. Dir. Prgr: Samba Ousmane. Dir. Inf: Abdoulaye Sidibe. Dir. Adm: Abdoullaye Papa Haidara.
**STATIONS:** Bamako (G.C: 07.58W/12.38N)

| kHz | kW | kHz | kW | kHz | kW |
|---|---|---|---|---|---|
| 540 | 100 | 4838 | 18 | 7285 | 18 |
| 1431 | 30 | 5995 | 50 | 9635 | 18 |
| 5600 | — | 7110 | 50 | | |

**FM:** 87.69/91.65MHz.
**D.PRGR:** On MW/7285kHz + FM: 0700 (Sun 0800)-2400; on 4838/5995kHz: W 0700-0800, D1800-2400; On 7110/9635kHz: Sun 0800-1000, D1200-1800; on 5600kHz: r2200-2400.
**N. in French:** 0700, 0900 (Sun), 1300 (Sun), 1500 (W), 2015, 2230 (W).
**English:** Sat 1820-1900. **N. in Arabic:** Thurs 1700.
**ANN:** F: "Ici Bamako, Radiodiff.-Télévision Malienne". —
**INT-SIG:** African music on local harp "Cora".
**V.** by QSL-card. Rec. acc. Rp.(B).

## MAURITANIA (Islamic Rep.)

**L.T:** UTC — **Pr.L:** Arabic, French, Pulai, Sooninke, Ouolof.
**E.C:** a/c 50, 200/380V (yes).

### OFFICE DE RADIODIFF. ET TELEVISION DE MAURITANIE (ORTM) (Gov.)

**ADDR:** B.P. 200, Nouakchott. **Te:** 52164. **Telex:** 515MTN.
**MEDIUMWAVE:** Nouakchott 1350kHz 20kW
**SHORTWAVES** (G.C: 16.00W/18.08N): 4845/9610kHz 100kW.
**D.PRGR in Arabic/French/National Languages:** Work days: 0600-0830 & 1800-2400 on 1350/4845kHz, 1200-1630 on 1350/

9610kHz; Rest days: 0830-1700 on 1350/9610kHz, 1700-2400 on 1350/4845kHz.

**ANN:** "Ici Nouakchott, Office de Radiodiff. et Télévision de Mauritanie". "Huna nuahshut, Iza'at wa Television al ğumhuriyati-l-islamiyya al-mauritaniyya" — **INT-SIG:** Mauritanian guitar.
**V.** by QSL-card or letter. Re. in F, Arabic.

## MAURITIUS

**L.T:** UTC + 4h — **Pr.L:** English, French, 6 Indian languages, Chinese — **EC:** a/c 50, 240V (yes).

### MAURITIUS BROADCASTING CORPORATION

**ADDR:** Broadcasting House, Louis Pasteur Str, Forest Side.
**Te:** 6-5001. **Cable:** Broadcast, Mauritius. **Telex:** MAUBROD 4230 1W.
**L.P:** Dir. Gen: B. Ramudhin. Dep. Dir. Gen: A.D. Suraj Bali. Chief Eng: H. St. Lambert. Public Rel. Officer: C.B. Yan Jankoo.
**STATIONS** (G.C: 57.13E/20.19S): 684/819/4855/9710kHz, all 10kW; 1575kHz 1kW (used during cyclone emergencies Nov-April).
**HOME SCE:** 684kHz: 0100-1830 (Sat 1900); 819kHz: 1410-1700 (Sat/Sun 1730); 4855kHz: 1300-1835 (Sat 1900); 9710kHz: 0555-1430.
**English/French:** 0300-1030 (Sun 0900; Tues/Thurs 0930), 1430-1830 (Sat 1900). **N: French:** 0330, 0600, 0800 (Sat/Sun), 0830 (W), 1500, 1600, 1730. **English:** 0400, 1800 (rel. BBC World Sce.), 1830 (Sat) — **Indian Languages:** 0000-0300, 1030-1430 — **Cantonese/Hakka:** Sun 0900-1030, Tues/Thurs 0930-1030.
**ANN:** E: "This is Mauritius Broadc. Corp.". F: "Ici la M.B.C., office de radiodiffusion-télévision de Maurice" — **INT-SIG:** Opening tune "Extended Close" by Sam Fonteyn — **V.** by QSL-card. Rec. acc. (exc. BBC relay 1800).
**F.PL:** SW's to be 100kW with directional antenna system.

### RODRIQUES ISLAND (Dependency)

**STATION** (G.C: 63.26E/19.42S): 1206kHz 10/2kW.
Service due to start soon.

## MAYOTTE (French)

**L.T:**UTC+3h — **Pr.L:** French, Mahorian — **E.C:** a/c 50 (yes).

### RADIO TELEVISION FRANCAISE D'OUTRE-MER(RFO) - MAYOTTE (Gov.)

**ADDR:** Boîte Postale 3, Dzaoudzi, 97610 Ile de Mayotte.
**L.P:** St.Mgr: J.C. Gelin. Dir.Tec: J.C. Berthon.
**STATION**(G.C: 45.17E/12.48S): Pamanzi 1458kHz 4kW.
**D.PRGR. in French, Mahorian:** Mon-Fri 0300-0430, 0900-1230, 1415-1900; Sat/Sun 0600-1230, 1415-1900.
**N. in French:** Mon-Fri 0300, 0330, 0400, 0425, 0930, 1630; Sat/Sun 0600, 0930, 1630. **N. in Mahorian:** Mon-Wed 0400, 1000, 1600; Sat/Sun 0605, 1000, 1600.
**ANN:** "Vous êtes à l'écoute de RFO-Mayotte".
**INT-SIG:** Melody by guitar — **V.** by letter(B).

## MOROCCO

**L.T:** UTC — **Pr.L:** Arabic, French, Spanish, English, Berber, Hassania — **E.C:** a/c 50, 127/220V (yes).

### MINISTERE DE L'INFORMATION, Rabat. **Cable:** Gentle.

**L.P:** Secr. Gen: M. Laâbi.

### RADIODIFFUSION TELEVISION MAROCAINE (Gov.)

**ADDR:** 1, Rue El Brihi, Rabat; B.P. 1042, Rabat. **Te:** 64871.
**Cable:** RTM Rabat. **Telex:** Radiomar 31010.
**L.P:** Dir. Gen: Bennacer Drissi Qeytoni. Dir. Radio: Mohamed Bendeddouch. Dir. Tec: Jamalddine Tanane. Dir. Ext. Rel: Ahmed Rayane. Dir. Fin. & Adm: Mehdi Bouzekri.

**LONG & MEDIUMWAVES** (N = Network)

| Location | kHz | kW | N | | kHz | kW | N |
|---|---|---|---|---|---|---|---|
| Azilal | 209 | 800 | A | Oujda | 594° | 100 | A |
| Sidi Bennour | 540° | 600 | A | Laayoune | 657° | 50 | A |
| Sebaa-Aioun | 702 | 140 | C | Casablanca | 1080° | 1 | A |
| Rabat | 819 | 25 | A | Ourazazate | 1116 | 15 | A |
| Oujda | 828 | 100 | A | Tanger | 1116 | 1 | A |
| Rachidia | 864 | 15 | A | Marrakech | 1152 | 1 | B |
| Safi | 909 | 5 | C | Casablanca | 1188 | 1 | B |
| Agadir | 936° | 600 | A | Agadir | 1197 | 20 | C |
| Marrakech | 972° | 1 | A | Rabat | 1296 | 1 | C |
| Ad-Dakhla | 999° | 10 | A | Safi | 1325 | 5 | B |
| Tanger | 1017 | 1 | B | Casablanca | 1485 | 1 | C |
| Rabat | 1026 | 1 | B | Agadir | 1493v | 20 | C |
| Sebaa-Aioun | 1044° | 300 | A | Marrakech | 1593 | 1 | C |
| Tanger | 1053° | 600 | C | | | | |

°) Carries regional prgrs

**SHORTWAVES:** Tanger (G.C: 05.50W/35.45N):

| kHz | kW | kHz | kW | kHz | kW | kHz | kW | kHz | kW |
|---|---|---|---|---|---|---|---|---|---|
| 11960 | 50 | 15330 | 50 | 15335 | 100 | 17595 | 50 | 17815 | 50 |

| FM: | MHz | kW | N | | MHz | kW | N |
|---|---|---|---|---|---|---|---|
| Rabat | 87.9 | 39 | B | Rabat | 92.1 | 39 | A |
| Casablanca | 90.0 | 39 | B | Casablanca | 96.0 | 39 | A |
| Oukaimeden | 91.7 | 31 | A | Oukaimeden | 98.8 | 31 | B |

**Netw. A in Arabic:** 24h on 209kHz; 0500-0100 on MW.
**N:** On the h exc. 1500-1800 when reg. prgr's are aired.
**Reg. Prgrs:** Laayoune 0600-2330 in Arabic, 2330-0100 in Spanish; Dakhla 1200-1500, 1900-2400; Casablanca, Marrakech, Agadir, Oudja, Tanger all 1500-1800.
**Relays on shortwave** (for Middle East, W. Africa, Europe, So. Morocco and Mauritania): 1000-0100 on 15335kHz; 1100-1400 on 17815kHz; 1400-1700 on 17595kHz, 1700-2000 on 15330kHz, 2000-0100 on 11960kHz.
**Netw. B in French:** 0600-0100. **N:** on the h.
**Netw. C in Berber:** 0600-0100. **N:** on the h.
**ANN:** French: "Ici Rabat, Radiodiff. Télévision Marocaine".
Arabic: "Huna Ribat, idha'atu-l-mamlaka al Maghribiyya". Berber: "Dahab Rbad Lidaa Attalfaza Li mamlaka Lmaghrib".
**V.** by QSL-card. Rec. acc. Rp — **PUB:** Monthly magazine in Arabic.

### RADIO MEDITERRANÉE INTERNATIONAL (Gov/Comm.)

**ADDR:** 120 Ave Hassan II, Casablanca. **Te:** 271525. **Telex:** 21660 — B.P. 2055, Tanger.
**STATIONS:** Nador 173kHz 1200kW — Sebaa-Aioun 612kHz 300kW — Tanger 1233kHz 200kW.
**SHORTWAVES:** 15250/15350/17700kHz 50/100kW.
**D.PRGR:** In French/Arabic: 0600-2400. **Rel on SW:** 0730-0900 on 15250/17700kHz, 1400-1800 on 15350kHz, 1800-2000 on 15250kHz.
**ANN:** "Mediterranée 1" or "Medi 1".
**V.** by letter.

### VOICE OF AMERICA RADIO STATION IN TANGIER

**ADDR:** Voice of America, Washington, DC 20547, USA.
**STATIONS:** Tangier (G.C: 05.56W/35.41N): 4×100kW, 2×50kW, 4×35kW tr's.

| kHz | kHz | kHz | kHz | kHz | kHz | kHz |
|---|---|---|---|---|---|---|
| 6090 | 9530 | 9645 | 11710 | 11805 | 15195 | 15415 |
| 6095 | 9540 | 9650 | 11750 | 11845 | 15235 | 17780 |
| 6150 | 9605 | 9760 | 11760 | 11850 | 15245 | 17815 |
| 6180 | 9615 | 9770 | 11790 | 11945 | 15280 | 17855 |
| 7190 | 9635 | | | | | |

**D.PRGR:** See USA.

#### Ceuta (Spanish)

### RADIO CEUTA (Comm.)

**ADDR:** Ap. 180, Via Oñate 1, Ceuta. **Te:** 511820.
**L.P:** Dir: José Solera Barco.
**STATION** (G.C: 05.17W/35.53N): EAJ46 990kHz 2kW.
**FM:** 88.5MHz 1kW.
**D.PRGR:** 24h (rel. SER Network prgrs from Madrid 2200-0500). Separate music prgr on FM.
**V.** by QSL-card or letter. Rp.

#### Melilla (Spanish)

### RADIO MELILLA (Comm.)

**ADDR:** Monte Camellos, S/n, Melilla (via Málaga, Spain).
**Te:** 681708.
**L.P:** Dir: Agustin Moriche Pérez. Prgr. Dir: Jose Luíz Lopez Plata.

**STATION** (G.C: 02.56W/35.17N): EAJ21 1539kHz 2.5kW.
**FM:** 96.6MHz 0.25kW.
**D.PRGR:** 24h. Belongs to Cadena SER, Spain.
**V.** by letter.

**ANTENA 3 DE RADIO S.A.**
**ADDR:** Edif. Melilla-Urbaniz Rusadir. **Te:** (952) 688840.
**L.P:** Dir: Julian Romaguera.
**STATION:** 100.3MHz.

## MOZAMBIQUE (People's Republic of)

**L.T:** UTC + 2h — **Pr.L:** Portuguese, Vernaculars.
**E.C:** a/c 50, 220V (yes).

### RADIO MOÇAMBIQUE (Gov-Comm.)

**ADDR:** C.P. 2000, Maputo. **Te:** 34041/7. **Cable:** Moradio.
**L.P:** Admin. Dir: António Alves da Fonseca.
**STATIONS:** Maputo (G.C: 32.22E/25.59S) — all SW freq's variable.

| kHz | kW | Netw. | kHz | kW | Netw. | kHz | kW | Netw. |
|---|---|---|---|---|---|---|---|---|
| 737 | 50 | N | 4855 | 20 | E | 9525 | 25 | I/E |
| 1008 | 50 | I | 4865 | 25 | N | 9620 | 120 | N/E |
| 1079 | 5 | C/E | 4925 | 7.5 | I | 11820 | 120 | N/E |
| 3210 | 100 | N | 6115 | 25 | N | 11835 | 25 | E |
| 3265 | 25 | E | 7110 | 10 | I | 15295 | 100 | N |
| 3338 | 10 | I | 7240 | 100 | N | | | |

**FM:** 98.01MHz 5kW(C/E).
**EMISSÃO NACIONAL(N) in Portuguese:** 0300-2215 on 737kHz: 0300-0530 & 1500-2215 on 3210kHz; 0300-0615 & 1500-2215 on 4865kHz; 0300-2215 on 6115kHz; 0330-2110 on 7240kHz; 0430-1710 on 9620kHz; 0445-1100 & 1130-1630 on 11820kHz; 0545-1445 on 15295kHz.
**N:** 0300, 0430, 0600, 0700, 0800, 1030, 1200, 1300, 1400, 1500, 1600, 1700, 1900, 2100, 2200.
**EMISSÃO INTERPROVINCIAL DE MAPUTO E GAZA(I) in Tsonga/Portuguese:** 0300-2215 on 1008kHz; 0300-0530 & 1500-2215 on 3338kHz; 0330-0615 & 1500-2215 on 4925kHz; 0415-2100 on 7110kHz; 0500-1100 & 1130-1500 on 9525kHz.
**N. in Tsonga:** 0430, 0900, 1000, 1200, 1600, 1900, 2100.
**N. in Portuguese:** 0300, 0600, 0700*, 0800, 1030, 1300*, 1400, 1500, 1700, 2200 — *) Provincial, others rel. EN.
**EMISSÃO "C" in Portuguese:** 1530 (Sun 1300)-1800, 1830 (Wed/Fri/Sun 1900)-2100 on 1079kHz + FM.
**EXTERNAL SCE(E) to Southern Africa in English:** 1100-1130 (Tues 1140, Wed 1200, Thurs/Sun 1135) on 9525/11820/11835kHz; 1759-1830 (Mon 1845, Wed/Fri/Sun 1900) on 1079/3265/4855/9620kHz + FM. **N:** 1102, 1802, 1855 (Wed/Fri/Sun).
**ANN:** "Dos seus estúdios em Maputo escutam a Rádio Moçambique, Emissão Nacional/Emissão C", "R. Moçambique, dos seus estúdios em Maputo transmite a Emissão Interprovincial de Maputo e Gaza". E: "This is the External Sce. of R. Mozambique" or "This is R. Maputo, the External Sce. of R. Mozambique".
**INT-SIG:** "Mbira" (indigenous xylophone) and spoken ID in P/E/F & Swahili. Opens and closes with the National Anthem. 4-note gong between prgr's.
**V.** by QSL-card.

**PROVINCIAL STATIONS**

| MEDIUMWAVES | kHz | kW | | kHz | kW |
|---|---|---|---|---|---|
| 4) Inhambane | 557 | 5 | 8) Tete | 1160 | 5 |
| 5) Lichinga | 782v | 5 | 2) Nampula | 1223 | 5 |
| 3) Chimoio | 837 | 5 | 6) Quelimane | 1295 | 10 |
| 1) Beira 1 | 872 | 50 | 1) Beira 1 | 1431 | 5 |
| 6) Quelimane | 935 | 0.25 | 7) Pemba | 1493 | 5 |
| **SHORTWAVES** | **kHz** | **kW** | | **kHz** | **kW** |
| 6) Quelimane | 3320 | 0.25 | 1) Beira 2 | 6090 | 10 |
| 1) Beira 2 | 3280 | 100 | 6) Quelimane | 7145 | 0.25 |
| 1) Beira 1 | 3370 | 10 | 2) Nampula | 7320 | 0.25 |
| 6) Quelimane | 4902 | 0.25 | 1) Beira 2 | 9667 | 100 |
| 1) Beira 1 | 6025 | 10 | | | |

(All freq's variable).
**FM:** Nampula 98.0MHz 0.03kW; Lichinga 87.0MHz.
**1) E. PROVINCIAL DE SOFALA**
**ADDR:** C.P. 1781, Beira. (G.C. (Dondo) : 34.52E/18.49S).
**D. PRGR.** in Portuguese/Chissena/Ndau: 0255-2000 on 872kHz (irr. on 1431kHz); 0255-0500, 1500-2000 on 3370kHz; 0500-1500 (irr. 0255-1700) on 6025kHz. **N:** in Portuguese: 0300, 0430, 0800, 1030, 1200, 1600, 1700, 1900, 2200.
In Nyanja/Ajaua/Maconde/Swahili: 0255-2000 on 6090/9667 (alt: 3280) kHz.
**2) E. PROVINCIAL DE NAMPULA**
**ADDR:** C.P. 93, Nampula (G.C: 39.13E/15.07S).
**D. PRGR.** in Portuguese/Macua: 0255-2215 on 1223/7320kHz + FM (SW irr.). **N.** (rel. Maputo): 0300, 0430, 0800, 1030, 1200, 1400, 1600, 1700, 1900, 2200.
**3) E. PROVINCIAL DA MANICA**
**ADDR:** C.P. 390, Chimoio.
**D. PRGR.** in Portuguese/Chissena: Mon-Fri 0400-0515, 1000-1215, 1600-2000; Sat 0400-0515, 1000-2000; Sun 0400-0700, 1000-2000. **N** (rel. Maputo): 0430, 1030, 1200, 1600, 1700, 1900.
**4) E. PROVINCIAL DO INHAMBANE**
**ADDR:** C.P. 196, Inhambane.
**D. PRGR.** in Portuguese/Vernaculars: Mon-Fri 0400-0515, 1000-1215, 1600-2000; Sat 0400-0515, 1000-2000; Sun 0400-0700, 1000-2000. **N.** as Chimoio — **V.** by letter.
**5) E. PROVINCIAL DO NIASSA**
**ADDR:** C.P. 171, Lichinga.
**D. PRGR.** in Portuguese/Vernaculars: 0255-2000. **N:** (rel. Maputo): 0300, 1030, 1700, 1900.
**6) E. PROVINCIAL DA ZAMBÉZIA**
**ADDR:** C.P. 33, Quelimane (G.C: 36.53E/17.52S).
**D. PRGR.** in Portuguese/Chuabo: 0400-0515 (Sun 0700) & 1000-1215 (Sat/Sun 1600) on 1295/4902/7145kHz; 1600-2000 on 1295/3320/4902kHz. **N:** as Chimoio — **V.** by letter.
**7) E. PROVINCIAL DE CABO DELGADO**
**ADDR:** C.P. 45, Pemba (G.C: 40.45E/13.02S).
**D. PRGR.** in Portuguese/Macua do Medo: Mon-Fri 0400-0515, 1000-1215, 1600-2000; Sat 0400-0515 & 1000-2000; Sun 0400-0700, 1000-2000. **N:** as Chimoio.
**8) E. PROVINCIAL DE TETE**
**ADDR:** C.P. 384, Tete.
**D. PRGR.** in Portuguese/Nyanja/Nhungwe: Mon-Fri 0255-0515 & 0955-2000; Sat 0255-0515, & 0955-2215; Sun 0255-2000. **N:** as Chimoio.
**ANN:** "R. Moçambique dos seus estúdios ... (town) ... a sua Emissor Provincial ... (Province) or "de ... (town) ... transmite EP de R. Moçambique do ... (Province)" — **INT-SIG:** As Maputo with local ID in P/E/F/Swahili.
**V.** by QSL-card. Reports to provincial st's should be sent to Maputo.

## NIGER

**L.T:** UTC + 1h — **Pr.L:** French, English + 7 Vernaculars
**E.C:** a/c 50, 220/380V (yes).

### OFFICE DE RADIODIFFUSION TÉLÉVISION DU NIGER ORTN (Gov.)

**ADDR:** B.P. 361, Niamey. **Te:** 722272. **Cable:** ORTN.
**Telex:** 5229 NI.
**L.P:** Dir. Gen: M. Diallo. Dir. R. Voix du Sahel: A. Khamed. Dir. Tec: I. Zoudi. Dir. Admin: Y. Ibrahim.

| Mediumwaves | kHz | kW | N | | kHz | kW | N |
|---|---|---|---|---|---|---|---|
| Niamey | 1125 | 20/1 | II/III | Niamey | 1575 | 1 | I |
| Zinder | 1287 | 1 | II | | | | |

+ relay st's (0.1kW) on 801/1215/1332/1485/1584/1593kHz.
**FM:** Niamey 90.18MHz 3kW, 93.62/97.92MHz 0.3kW — Zinder 89.15MHz 0.5kW.
**SHORTWAVES:** Niamey (G.C: 02.06E/13.30N)

| kHz | kW | N | kHz | kW | N | kHz | kW | N |
|---|---|---|---|---|---|---|---|---|
| 3260 | 4 | I | 6060 | 4 | I+III | 9705 | 20/100 | II+III |
| 5020 | 30/100 | II | 7155 | 30/100 | I+III | | | |

**HOME SCE: Netw. I:** On MW+FM all times; 0530-0700 (Sun 0900), 1700 (Sat/Sun 1630)-2200 (Sat 2300) on 3260kHz; 1130 (Sun 0900)-1500 (Sat/Sun 1630) on 6060/7155kHz.
**Netw. II:** W: 0530-0700 on FM; W 1130-1500 (Sat 1700), 1700-2200 (Sat 2300) on MW + FM; 0530-0700 (Sun 0900) on 5020kHz; 1130 (Sun 0900)-1500 (Sat/Sun 1630) on 9705kHz; 1700 (Sat/Sun 1630)-2200 (Sat 2300) on 5020kHz.
**N. in French:** 0600, 0900 (Sun), 1200, 1800 (Sun 1850), 1900, 2150. **N. in English:** Sun 1715.
**Netw. III:** W 0700-1130 on 1125/6060/7155/9705 (exc. Sat) kHz + FM.
**ANN:** "Ici Niamey, Office de Radiodiffusion Télévision du Niger" — "Ici la Voix du Sahel" — **INT-SIG:** Local Flute.
**V.** by QSL-card. Rp.

## NIGERIA (Federal Republic of)

**L.T:** UTC + 1h — **Pr.L:** English, Yoruba, Hausa, Ibo + 12 local languages — **E.C:** a/c 50, 230/400V (yes).

### POSTS AND TELECOMMUNICATIONS DEPARTMENT

**ADDR:** Dir. of Telecommunications, International Relations Division, Posts and Telecommunications Dept, Private Mail Bag 12557, Lagos. **Cable:** Dintrel.

| Mediumwaves | kHz | kW | | kHz | kW |
|---|---|---|---|---|---|
| 7) Akure | 531 | 50 | 24) Enugu | 828 | 25 |
| 2) Sokoto | 540 | 50 | 16) Unknown | r846 | — |
| 4) Kano | 549 | 50 | 29) Pt. Harcourt | 855 | — |
| 5) Sokoto | 558 | 25 | 13) Kaduna | 882 | 50 |
| 6) Calabar | 558 | 50 | 22) Ogbomosho | 891 | 10 |
| 31) Owerri | 567 | 10 | 25) Itele | 900 | 10 |
| 8) Ibadan | 576 | 50 | 26) Abuja | 909 | 20 |
| 24) Ugwuaji | 585 | 50 | 37) Ikeja | 918 | 20 |
| 9) Kaduna | 594 | 250 | 28) Makurdi | 918 | 50 |
| 1a) Ilorin | 612 | 50 | 25) Abeokuta | 945 | 10 |
| 10) Enugu | 621 | 50 | 29) Pt. Harcourt | 981 | 10 |
| 11) Maiduguri | 630 | 50 | 27) Lagos | 990 | 20 |
| 12) Benin | 639 | 5 | 18) Kontagora | 1008 | 50 |
| 13) Kaduna | 639 | 50 | 17) Yola | 1017 | 50 |
| 8) Ibadan | 657 | 100 | 3) Ondo | 1035 | 10 |
| 14) Benin | 666 | 50 | 10) Onitsha | 1062 | — |
| 7) Uzalla | 675 | 10 | 30) Minna | 1080 | 50 |
| 16) Makurdi | 693 | 10 | 1) Lagos | 1089 | 20 |
| 17) Wukari | 702 | 10 | 9) Kaduna | 1107 | 10 |
| 18) Bida | 702 | 10 | 34) Ogoja | 1134 | 10 |
| 3) Akure | 711 | 10 | 18) Minna | 1143 | 50 |
| 19) Owerri | 720 | 50 | 32) Abeokuta | 1170 | 50 |
| 20) Kano | 729 | 25 | 17) Hong | 1206 | 10 |
| 21) Bauchi | 738 | 20 | 33) Jos | 1224 | 50 |
| 22) Ibadan | 756 | 50 | 17) Jalingo | 1269 | 10 |
| 15) Maiduguri | 756 | 25 | 15) Unknown | 1296 | — |
| 3) Okitipupa | 765 | 10 | 35) Jos | 1313 | 10 |
| 12) Benin | 774 | 25 | 34) Calabar | 1368 | 10 |
| 17) Bali | 774 | 10 | 6) Uyo | 1395 | 50 |
| 1) Unknown | r783 | — | 34) Abak | 1395 | 10 |
| 16) Unknown | r783 | — | 36) Yola | 1440 | 50 |
| 15) Damagum | 801 | 10 | 1) Lagos | 1458 | 5 |
| 23) Ilorin | 810 | 10 | 13) Katsina | 1584 | 1 |

| Shortwaves | kHz | kW | | kHz | kW |
|---|---|---|---|---|---|
| 1) Lagos | 3326 | 50 | 9) Kaduna | v6090 | 250 |
| 9) Kaduna | 4770 | 50 | 15) Maiduguri | 6140 | 10 |
| 1) Lagos | 4932 | 50 | 34) Calabar | 6145 | 10 |
| 1) Lagos | 4990 | 50 | 13) Kaduna | 6175 | 10 |
| 35) Jos | 5965 | 10 | 5) Sokoto | 6195 | 10 |
| 24) Enugu | 6025 | 10 | 23) Ilorin | 7145 | 10 |
| 8) Ibadan | 6050 | 50 | 1) Lagos | 7285 | 50 |

**FM:** 35) 88.63MHz, 12) 91.8MHz, 1) 92.93/97.66MHz, 8) 93.54MHz, 10) 96.1MHz, 15) 94.05MHz, 17) 90.61/95.77MHz, 22) 98.5MHz, 29) 99.1MHz

**Addresses and other information:**

1) **FEDERAL RADIO CORPORATION OF NIGERIA** (Statutory Corporation).
**ADDR:** P.M.B. 12504, Ikoyi, Lagos. **Te:** 603010. **Cable:** Broadcasts, Lagos. **Telex:** 21484.
**L.P:** Dir. Gen: G. Bako. Dir. Tec: S.V.A. Santos. Mgr. Home & Int. Rel: L.A. Adegbuyi. Zonal Dir. (Lagos): S. Young-Harry. Gen. Mgr. (Educational Sces): O. Ayeni. Gen Mgr (RN-2 Lagos): I. Ndaguba.
**HOME SCES. in English/Vernaculars: Channel 1** on 1089/4990kHz + FM 92.93MHz: 0430-2310; On 3326kHz: 0430-1000, 1700-2310. On 7285kHz: 1000-1600. **N. in English:** On the h.
**N. in Vernaculars:** 0530, 0700, 1000, 1215, 1600, 2000.
**NB:** Nigerian N. at 0600, 1500 & 2100 is relayed nationwide by all FRCN and state radio stations.
**Channel 2** on 97.66MHz (stereo): 0453-2300. On 1458kHz: 0453-1105, 1430-2300. **N.** in English: on the half h.
**Educational Sce:** 0430-2305 on 4932kHz.
**INTERNATIONAL SCE:** See below.
**ANN:** Ch 1: "This is R. Nigeria, Lagos". Ch 2: "The Sunshine Station" — **INT-SIG:** Talking Drum. Opens and closes with the Nat. Anthem and spoken pledge.

1a) R. Nigeria, Ilorin, Kwara State — Gen. Mgr: U. Durosinolorun. ?-2120 in English/Hausa/local languages.
2) R. Nigeria, Sokoto, Sokoto State — Gen. Mgr: K. Baba-Ahmed.
3) Ondo State Broadc. Corp, Akure, Ondo State. 0400-0005 in English/Ijaw/Edo. Ann: "This is Radio 7-11".
4) R. Nigeria, Kano, Kano State — Gen. Mgr: H. Gwarzo. 0400-2315 in English/Hausa.
5) R. Sokoto, P.O. Box 156, Sokoto, Sokoto State. 0430-2305 in English/Hausa/Efik.
6) R. Nigeria, Calabar, Cross River State — Gen. Mgr: D. Bassey. **F.Pl:** New tr. site.
7) R. Nigeria, Akure, Ondo State — Gen. Mgr: J.A. Oyinsan. 0430-2305.
8) R. Nigeria, P.M.B. 5003, Ibadan, Oyo State — Zonal Dir: I. Folorunso. Gen. Mgr: Chief N.O. Ogungbemi. 0430-2305 in English/Yoruba.
9) R. Nigeria, P.O. Box 250, Kaduna, Kaduna State — Zonal Dir: D. Modibbo. Ch 1 in Hausa: 0400-2305 on 594/6090kHz. Ch 2 in English/Vernaculars: 0400-2305 on 1107/4770kHz. **N.** on the h. **English N.** (both ch's): 1600, 1700, 1800. Ann: "You're tuned to Kaduna, the English Sce. of R. Nigeria, Ch 2".
10) Anambra Broadc. Corp, P.O. Box 350, Independence Layout, Enugu, Anambra State — Dir. Gen: B. Ofokoja. **Prgr. 1:** 0430-2305 on 621kHz in English/Ibo. **N. in English:** 0615 (rel. R. Nigeria), 0700, 1100, 1430, 1700, 1800, 2000, 2100 (rel. R. Nigeria). **Prgr. 2** on 1062kHz: ?-1800. **N. in English** (rel. prgr. 1): 1100, 1430, 1700.
11) R. Nigeria, Maiduguri, Borno State — Gen. Mgr: U. Shettima. 0400-2300 in English/Kanuri/Hausa/Fulfulde.
12) Bendel Broadc. Sce. Benin, Bendel State. 0400-2305 in English/Igbol/Edol/Izon/Isoko/Itsekiri/Urhobo. Ann: "This is the Comm. Sce. of R. Bendel".
13) R. Kaduna, Kaduna State. 1st Network 0430-2305 in English/Hausa on 639/6175kHz. 2nd Network 0430-2305 on 882kHz.
14) R. Nigeria, Benin, Bendel State — Gen. Mgr: A. Onianwa.
15) Radio/TV Borno, P.M.B. 1020, Maiduguri, Borno State. 0400-2305 in English/Hausa/Kanuri/Fulfulde. Ann: "This is R. Borno broadcasting from Maiduguri".
16) R. Benue, P.M.B. 2202, Makurdi, Benue State. 0430-2305 in English/Tiv/Idoma/Igala.
17) Gongola Broadc. Corp, P.M.B. 2123, Yola, Gongola State. 0430-2305 in English/Tiv/Fulani. Ann: "This is R. Yola".
18) R. Niger, Minna, Niger State. 0430-2320 in English/Hausa.
19) Imo Broadc. Sce. P.O. Box 329, Owerri, Imo State. 0400-2300. English: 0400-0420, 0600-0700, 1100-1830, 2100-2300. **N:** 0600 (R. Nigeria), 1100, 1115 (state news), 1300, 1400, 1500 (R. Nigeria), 1700, 2100, 2200. Other times in Ibo. Ann: "IBS Radio, Owerri".
20) Kano State Broadc. Sce. Kano, Kano State. 0430-2305 in English/Hausa. Ann: "This is the Kano State Broadc. Sce.".
21) R. Nigeria, Bauchi, Bauchi State — Gen. Mgr: M. Sidi-Ali.
22) Broadc. Corp. of Oyo State, Ibadan, Oyo State. **Prgr. 1:** 0300-2400 on 765kHz in English/Yoruba. **Prgr. 2:** on 98.5MHz. Ann: "This is Radio O-Y-O".
23) Kwara State Broadc. Corp, P.M.B. 1345, Ilorin, Kwara State. 0345-2300 in English/Hausa/local languages. **N. in English:** 0500, 0600, 0900 (R. Nigeria), 1200, 1400, 1500 (R. Nigeria), 1800, 2100 (R. Nigeria), 2200. Ann: "This is R. Kwara, Ilorin" or "This is the Kwara State Broadc. Corp.".
24) R. Nigeria, Broadcasting House, P.M.B. 1051, Enugu, Anambra State — Zonal Dir: R. Opara. Gen. Mgr: T. Gbanite. 0400-2130 on MW in English/Igbo: 0400-2305 on 6025kHz (separate prgrs) in English/Ibo/Tiv/Efik and Izon.
25) Ogun Broadc. Corp, Abeokuta, Ogun State. 0400-2400 in English/Yoruba/Fulani. Ann: "OGBC Abeokuta".
26) R. Nigeria Abuja, Federal Capital Territory — Gen. Mgr: A. Shehu. 0440-2130 in English/Hausa. Ann: "This is your favourite No. 1 station, R. Nigeria in Abuja".
27) R. Lagos, Lagos, Lagos State. 0430-2305 in English/Yoruba.
28) R. Nigeria, Makurdi, Benue State — Gen. Mgr: L.V. Amokaha.
29) Rivers State Broadc. Sce, Port Harcourt, Rivers State. **Prgr. 1:** 0430-2305 on MW in English/Ibo/Ijaw. **Prgr. 2:** 0430-2300 (Fri/Sat 2400) on FM. Ann: "R. Rivers".
30) R. Nigeria, Minna, Niger State — Gen. Mgr: J. Angulu.
31) R. Nigeria, Owerri, Imo State — Gen. Mgr: A.C. Ude.
32) R. Nigeria, P.O. Box 2025, Abeokuta, Ogun State — Gen. Mgr: Sunday Akintobi. 0430-2300 mainly in Yoruba. **N:** on the h, also 0530.
33) R. Nigeria Jos, Plateau State — Gen. Mgr: T. Alabi.
34) Cross River State Broadc. Corp, P.M.B. 1035, Calabar, Cross River State. 0430-2305 in English/Ifik/Ibibio. (Separate prgrs on 1134kHz). **N:** on the h. Ann: "This is Cross River Radio Calabar".

35) Plateau Broadc. Corp, Jos, Plateau State. 0430-2305 in English/Idoma/Hausa/Tiv/Edo/Efik/Fulfulde. Ann: "This is R. Plateau, Jos".
36) R. Nigeria, Yola, Gongola State — Gen. Mgr: A.L. Bashir. 0400-2305 in English/Tiv/Fulani.
37) R. Nigeria, Ikeja, Lagos State.
**N.B:** No details available of R. Nigeria st. at Pt. Harcourt (Rivers State).
**ANN:** Exc. where stated, FRCN st's identify as "R. Nigeria" followed by location. State st's use names mentioned above.
**V.** St's 5), 8), 9), 10), 12), 15), 17), 19), 22), 23), 24), 34), 35) all by letter.

**INTERNATIONAL SCE ("Voice of Nigeria")**
**ADDR:** P.M.B. 12504, Ikoyi, Lagos — Dir: B. Olasope.
**STATION:** Ikorodu (G.C: 03.56E/07.23N):50/100kW.

| kHz | kHz | kHz | kHz | kHz |
|---|---|---|---|---|
| 7255 | 11770 | 15119 | 15185 | 17800 |

**No. African & Overseas Sce. on 15119/17800kHz: English:** 0500-0600, 0700-0800, 0830-1000, 1800-1900, 2100-2200; **French:** 0600-0700, 1900-2000; **German:** 2000-2100; **Arabic:** 0800-0830, 1700-1800.
**We. African Sce. on 7255kHz: English:** 0500-0600, 0800-1700, 1900-2030; **French:** 0600-0700, 1800-1900, 2100-2200; **Hausa:** 0700-0800, 1700-1800, 2030-2100.
**Ce. & So. African Sce. on 11770kHz: English:** 0500-1000, 1500-1600, 1700-2100*; **Swahili:** 1000-1100, 1600-1700.
**Ea. African Sce. on 15185kHz: English:** 0500-1000; **Swahili:** 1000-1100.
**Overseas Sce. in English on 15120kHz:** 1000-1200 to No. America, 1200-1400 to the Caribbean, 1400-1530 to Australia, 1530-1700 to India — *)includes prgrs of U.N. Radio in English/So. African languages 1800-1830.
**N.B:** Tr's on 11770/15185/17800kHz were irr. at time of editing.
**ANN:** "This is the (target area) Sce. of Voice of Nigeria". Fr: "Ici la Voix du Nigeria, Lagos".
**INT-SIG:** As Home Sce. Also bells playing the first bars of the Nat. Anthem 15 mins. before the commencement of each block period.
**V.** by QSL-card.

## REUNION

**L.T:** UTC + 4h — **Pr.L:** French — **E.C:** a/c 50, 220V (yes)

### SOCIÉTÉ NATIONALE DE RADIO-TÉLÉVISION FRANÇAISE D'OUTRE MER (RFO)

**ADDR:** RFO-Réunion, B.P. 309, St. Denis. **Te:** (19262) 213456.
**L.P:** Regional Dir: J.P. Lannes. Dir. of N: M. Grimaud. Prgr. Dir: F. Dussaugey.
**STATIONS:** St. Pierre 666kHz 20kW — St. André 729kHz 20kW — Le Port 603kHz 4kW + 13 low power FM-st's.
**D.PRGR. in French:** 0200-1900 (Sat 2000). **N:** W 0230, 0300, 0400, 0600, 0830, 0915, 1100°, 1505, 1800°; Sun 0400, 0830, 1100°, 1505, 1800° — °) relay France-Inter.
**ANN:** "Société Nationale de Radio-Télévision Française d'Outre-Mer, Station de la Réunion" — **INT-SIG:** "Madina" (Réunion Folklore) played on guitar — **V.** by QSL-card. Rp.

## RWANDA (Republic of)

**L.T:** UTC + 2h — **Pr.L:** Kinyarwanda, Swahili, French, English.
**E.C:** a/c 50, 220V.

### RADIODIFF. DE LA RÉPUBLIQUE RWANDAISE (Gov.)

**ADDR:** B. P. 83, Kigali. **Te:** 5665. **Cable:** Radiorwanda. **Telex:** ORINFOR 557.
**L.P:** Dir. of Inf: Christophe Mfizi.
**SHORTWAVES** (G.C: 30.04E/01.57S): 3330kHz 5kW, 6055kHz 50kW. **FM:** 89.06MHz 10kW + 5 low power st's.
**HOME SCE.** in Kinyarwanda, Swahili, French: Mon-Fri 0300-0600, 0900-1200, 1330-2100; Sat 0300-0600, 0900-2100; Sun 0300-2100.
**N. in French:** 0430, 1115, 1600, 1800, 1930. **N. in Kinyarwanda:** 0400, 1045, 1515, 1700, 1900. **N. in Swahili:** 0330, 1445.
**ANN:** F: "Ici Kigali, Radiodiff. Nationale de la République Rwandaise" or "Ici R. Rwanda". Swahili: "Hii ni idhaayataifa ya R. Rwanda".
**INT-SIG:** Inanga (local harps) — **V.** by QSL-card or letter.

### DEUTSCHE WELLE RELAY KIGALI

**STATIONS:** Kigali 2x250kW tr's (G.C: 30.07E/01.53S):

| kHz | kHz | kHz | kHz | kHz | kHz |
|---|---|---|---|---|---|
| 7225 | 9735 | 11765 | 11965 | 15410 | 17860 |
| 9565 | 11705 | 11785 | 15270 | 17800 | 21500 |
| 9625 | | | | | |

**ANN:** At opening and close down in F: "Ici le Deutsche Welle station relais Kigali, Rwanda".
For prgr. details see D. Welle, Germany.

## SÃO TOMÉ E PRINCÍPE

**L.T:**UTC — **Pr.L:** Portuguese.

### RÁDIO NACIONAL DE S. TOMÉ E PRINCÍPE (Gov.)

**ADDR:** Caixa Postal 44, São Tomé. **Te:** 530. **Cable:** Radio Nacional.
**STATIONS:** 747kHz 5kW — 945kHz 20kW — 4807kHz 10kW.
**FM:** 90.5MHz 0.05kW, 95.43MHz 1kW.
**HOME SCE. in Portuguese:** 0500-2300 (Sat 2400).
**N:** 0600, 0700, 1000, 1200, 1400, 1600, 1745, 1930, 2200.
**ANN:** "Aqui São Tomé transmite R. Nacional da República Democratica de S. Tomé e Princípe".
**INT-SIG:** 1 note Gong: Guitar — **V.** by QSL-card or letter. Rp.

## SENEGAL (Republic)

**L.T:** UTC — **Pr.L:** French, Arabic, English, Portuguese + 6 local languages — **E.C:** a/c 50, 220V (yes).

### OFFICE DE RADIODIFFUSION-TÉLÉVISION DU SENEGAL (Gov.)

**ADDR:** 58, Boulevard de la République, or B.P. 1765, Dakar.
**Te:** 21 56 89. **Cable:** O.R.T.S. **Telex:** 634SG.
**L.P:** Dir. Gen: M. Ndione. Dir. Broadc: P.R. Sy. Dir. Tec: G. Thiam.

| MEDIUMWAVES | kHz | kW | Sce |
|---|---|---|---|
| 1) Dakar | 765 | 200 | N |
| Podor | 810 | 1 | N |
| Matam | 963 | 1 | N |
| 4) Ziguinchor | 1224 | 20 | R |
| 5) Kaolack | 1287 | 4 | R |
| 1) Dakar | 1305 | 20 | I |
| Linguère | 1323 | 1 | N |
| 2) St. Louis | 1368 | 20 | R |
| 3) Tambacounda | 1503 | 20 | R |
| 1) Dakar | 1539 | 10 | N |
| **SHORTWAVES** | **kHz** | **kW** | **Sce** |
| 1) Dakar | 4890 | 100 | N |
| 3) Tambacounda | 6045 | 4 | R |
| 4) Ziguinchor | 6180 | 4 | R |
| 1) Dakar | 7170 | 100 | N |
| 1) Dakar | 7210 | 4 | N |
| 1) Dakar | 11895 | 25/100 | I |

G.C: 1) 17.26W/14.39N; 3) 13.41W/13.47N; 4) 16.18W/12.35N.
1) **NATIONAL SCE. (N): French and Vernaculars:** 0600 (Sun 0700)-0100 on MW; S/on-0800 & 1800-0100 on 4890kHz; 0800-1800 on 7170/7210kHz. **N. in French:** 0602(W), 0700(W), 0800(Sun), 1000, 1200(W), 1300, 1600(Mon-Fri), 1800(Sat), 2000, 2215, 2355.
**INTERNATIONAL SCE. (I): French:** 0600-0800(W), 1200-1400(W), 0800-1800(Sat/Sun), 1800-1805, 1900-2400. **N:** as Nat. Sce. and 1900. **Portuguese:** 1805-1820. **Arabic:** 1820-1840. **English:** 1330-1345.

### REGIONAL STATIONS (R):

2) B.P. 376, St. Louis — Dir: Mme Daba Aw. 0600 (Sun 0700)-0100.
3) Tambacounda — Dir: Moussa Dieye. 0600-2200 on 1503kHz; 1000-1800 on 6045kHz.
4) B.P. 173, Ziguinchor — Dir: M. Sall. 0600-0800, 1200-1400 & 1800-2400 on 1224kHz; 1000-1800 on 6180kHz.
5) Kaolack — Dir: P.M. Fall. 0600-0800, 1200-1400 & 1800-2230.
**ANN:** F: "Office de Radiodiffusion-Télévision du Senegal émettant de Dakar" — Int. Sce: "Senegal-Inter" — **INT-SIG:** Melody on "Cora" (local harp) — **V.** by QSL-card Rp. (B).

## SEYCHELLES

**L.T:** UTC + 4h — **Pr.L:** Creole, English, French
**E.C:** a/c 50, 230V.

### RADIO TELEVISION SEYCHELLES (Gov-Comm.)

**ADDR:** Box 321, Union Vale, Victoria, Mahé. **Te:** 22541. **Cables:** Radio Seychelles. **Telex:** 2320 SAP SZ.
**L.P:** Under Sec. Inf: Mrs. S. Gemmel. Dir of Inf. Sces: A. Beaudoin. Prgr. Contr: I. Afif. Head of General Prgrs. (Radio) : Mrs. M. Baker. Editor N. & Current Affairs (Radio): I. Afif. Chief Eng: J. Palmyre.
**STATION:** ZCQ3 1368kHz 10kW (3 studios).
**D.PRGRS:** Mon-Fri 0200-0400, 0645-0915, 1345-1800; Sat/Sun 0200-1800. **N. in English:** 0300, 0900, 1630 — **N. in Creole:** 0230, 0800, 1600 — **N. in French:** 0300, 0830, 1700.
**ANN:** "This is R. Seychelles". F. and Creole: "Ici Radio Sesel" — **INT-SIG:** local string instrument "Bomme" — **V.** by QSL-card (B).
**PUB:** Prgr. schedule free.

### FAR EAST BROADCASTING ASSOCIATION (FEBA) (Missionary)

**ADDR:** Box 234, Mahé. **Te:** 22749. **Cable:** FEBCOM. **Telex:** 2287 FEBCOMSZ.
**L.P:** Dir: Revd. D.A. Huntley. Chief Eng: D.E. Mason. Freq. Mgr: W.M. Colen.
**STATIONS:** (G.C: 55.28E/04.36S): 1x25kW, 2x100kW tr's.

| kHz | kHz | kHz | kHz | kHz | kHz |
|---|---|---|---|---|---|
| 6030 | 7275 | 9600 | 11790 | 11895 | 15405 |
| 7130 | 9510 | 11750 | 11810 | 15205 | 15430 |
| 7160 | 9535 | 11755 | 11855 | 15320 | 17780 |
| 7165 | 9580 | 11760 | 11865 | 15325 | 17875 |

**Areas:** I = So. Asia; II = E. Africa; III = Horn of Africa; IV = Middle East; V = Indian Ocean Islands; VI = West Asia; VII = Southeast Africa; VIII = Ethiopia; IX = Far East; X = Nepal.

**Schedule: Nov. 4th 1984 — March 2nd 1985**

| Amharic | Area | kHz/Beam |
|---|---|---|
| 1748-1818h | VIII | 9510(280) |
| 1818-1833 | | 11750(328) |
| **Arabic** | | |
| 0342-0430 | IV | 11755(328) |
| 0430-0445a | | |
| 0430-0500k | | |
| 1057-1145 | IV | 15405(340) |
| 1145-1200e | | 17875(340) |
| **Bengali** | | |
| 0026-0043 | I | 6030(040) |
| **Dari** | | |
| 1608-1626i | I | 11790(028) |
| **English** | | |
| 0400-0500c | II | 11810(280) |
| | | 15200(280) |
| 0712-0830a | I | 15320(040) |
| | | 17780(040) |
| 1500-1608 | I | 11895(052) |
| | | 15325(040) |
| **Farsi** | | |
| 0257-0330 | VI | 9535(352) |
| 1608-1626a | I | 11790(028) |
| **French** | | |
| 0912-0945 | V | 15340(220) |
| 0945-1000f | | |
| **Hindi** | | |
| 0043-0113 | I | 7275(040) |
| 1415-1500 | I | 11895 (040) |
| | | 15325(040) |
| **Kannada** | | |
| 0250-0305 | I | 11855(040) |
| **Kazakh** | | |
| 2300-2315a | IX | 7160(040) |
| **Malagasy** | | |
| 1627-1730 | V | 7130(220) |
| **Malayalam** | | |
| 1230-1315 | I | 11865(052) |
| | | 15325(052) |
| **Mandarin** | | |
| 2157-2300 | IX | 7160 (040) |

| Nepali | Area | kHz/Beam |
|---|---|---|
| 1202-1220n | X | 15320(040) |
| | | 11865(040) |
| **Oromo** | | |
| 1731-1748 | VIII | 9510(280) |
| 1748-1818m | | 11750(328) |
| **Portuguese** | | |
| 1827-1845 | VII | 7165(220) |
| 1845-1900c | | |
| **Punjabi** | | |
| 0245-0300d | I | 9580(040) |
| **Pushto** | | |
| 0245-0300g | I | 9580(040) |
| 1608-1626h | I | 11790(028) |
| **Sindhi** | | |
| 0230-0245 | I | 9580(040) |
| 0245-0300j | | |
| **Sinhala** | | |
| 0114-0131 | I | 7275(040) |
| 0131-0146a | | |
| **Somali** | | |
| 1700-1716 | III | 9600(340) |
| 1716-1731i | | 11750(280) |
| **Swahili** | | |
| 0312-0400 | II | 9610(220) |
| | | 11810(280) |
| 0457-0530 | II | 11810(280) |
| | | 15200(280) |
| 1612-1700 | II | 9510(280) |
| | | 11760(280) |
| **Tamil** | | |
| 0131-0146b | I | 7275(040) |
| 0146-0216 | | |
| 1315-1415 | I | 11865(052) |
| | | 15325(052) |
| **Telugu** | | |
| 0217-0250 | I | 11855(040) |
| **Urdu** | | |
| 0200-0245 | I | 9580(028) |

a) Sun, b) exc. Sun, c) Sat/Sun, d) Sun/Mon, e) Sun/Thurs/Fri, f) exc. Wed, g) Tues/Wed, h) Mon-Thurs, i) Wed-Sun, j) Thurs-Sat, k) Fri, l) Fri/Sat, m) Fri-Sun, n) Sat.
**N. in English:** 0400, 1500.

**Schedule: March 3rd — May 5th 1985**

Most transmissions will remain as above. The changes are as follows:

| Farsi | Area | kHz/Beam | Pushto | Area | kHz/Beam |
|---|---|---|---|---|---|
| 0257-0330 | VI | 11865(352) | 0230-0245g | I | 9580(040) |
| **Punjabi** | | | **Urdu** | | |
| 0230-0245d | I | 9580(040) | 0145-0230 | I | 9580(028) |

**ANN:** "This is FEBA Radio" — **INT-SIG:** "What a friend we have in Jesus" (Xylophone) and spoken ID — **V.** by QSL-card. IRC's appreciated. 3 IRC's required for airmail reply. Rec. acc. (B) — **PUB:** "Programme Guide" (half yearly).

## SIERRA LEONE

**L.T:** UTC — **Pr.L:** English, Mende, Temne, Krio, Limba
**E.C:** a/c 50, 230V(yes).

### SIERRA LEONE BROADCASTING SERVICE (Gov.)

**ADDR:** New England, Freetown. **Te:** 40311. **Cable:** Broadcasts, Freetown. **Telex:** 3334 RADTEX SL.
**L.P:** Ag. Dir. Gen: M.J. Tunis. Ag Dir. Prgr. Sces: J. D. Ade Campbell. Dir. Eng: A. C. Ellis.
**MEDIUMWAVES:** Kenema 864kHz 50kW — Goderich 1206kHz 50/10kW.
**SHORTWAVE:** Waterloo (G.C: 13.05W/08.17N): 5980kHz 250kW (reserve tr: Goderich 10kW).
**FM:** Freetown 1kW (Freq. unknown)
**D.PRGR** on MW/5980kHz: W 0558-1030 & 1155-0005, Sun 0558-0005. **N. in English:** 0700, 1400, 2000, 2200. **N. in Nat. Languages:** 0630, 1800.
**French:** Fri 2230-2330.
**Urban Sce** for Freetown area on FM. No details available.
**ANN:** "This is the Sierra Leone Broadc. Sce" or "You are tuned to Freetown" — **INT-SIG:** 5 notes chime followed by "The Rain is Coming" played by Military Band — **V.** by letter. Rp(B).
**ALF:** Leones 12,-.

## SOMALIA (Dem. Rep.)

**L.T:** UTC + 3h — **Pr.L:** Somali — **E.C:** a/c 50, 230V (no).

### SOMALI BROADCASTING SERVICE (Gov.) R. MOGADISHU

**ADDR:** Ministry of Inf. and National Guidance, Private Postbag, Mogadishu. **Te:** 2455.
**STATIONS** (G.C: 45.06E/02.06N):

| kHz | kW | kHz | kW | kHz | kW | kHz | kW |
|---|---|---|---|---|---|---|---|
| 693 | 300 | 963v | 150 | 6095 | 50 | 7200 | 100 |

**HOME SCE. in Somali:** On MW: 0300-0500 (Fri 0400-0600), 0900-2100. **N:** 0330 (exc. Fri), 0430, 1115, 1430, 1700, 1850, 1950, 2045.
**FOREIGN SCE.** To East Africa on 6095kHz: 0900-1830 in Amharic/Arabic/Swahili/Vernaculars. **N.** at start of each prgr.
**ANN:** "Halkan wa R. Muqdishu"; Arabic: "Huna Mogadishu idha'atu-l-ğumhuriya ad-dimuqratiyya as-sumaliyya".
**INT-SIG:** Home Sce: Opens and closes with Nat. Anthem. Foreign Sce: Somali music.
**V.** by QSL-card or letter. Rec. acc. Rp. (3 IRC's).

### RADIO HARGEISA (Reg. st.)

**ADDR:** P.O. Box 14, Hargeisa. **Te:** 155. **Cable:** Information.
**STATION** (G.C: 44.03E/09.33N): 7120kHz 10kW.
**D.PRGR:** 0958-1230, 1500-1800 (incl. rel. of Mogadishu).
**ANN:** "Halkan wa R. Hargeisa, odki jamhuuriyadda Somalida el Dimugraadiga ah" — **INT-SIG:** March — **V.** by letter.

**We welcome your comments, criticisms and suggestions concerning this edition. Please write to our editorial office.**

# SOUTH AFRICA (Republic)

**L.T:** UTC + 2h — **Pr.L:** English, Afrikaans, N. & S. Sotho, Zulu, Tswana, Xhosa, Venda, Tsonga — **E.C:** a/c 50, 220/380V (yes) + d/c.

## SOUTH AFRICAN BROADCASTING CORPORATION (SABC)

**ADDR** (Head Office): Broadcasting Centre, Auckland Park, Johannesburg 2092/P.O. Box 8606, Johannesburg 2000. **Te:** 714-9111. **Cable:** Broadcast. **Telex:** 4-2411 — (SW Freq. Division): P.O. Box 6, Honeydew 2040.

**Reg. Addresses:** P.O. Box 4559, Johannesburg 2000; Radio 5, P.O. Box 4301, Johannesburg 2000; Springbok R, P.O. Box 1166, Johannesburg 2000; P.O. Box 2551, Cape Town 8000; P.O. Box 1588, Durban 4000; P.O. Box 563, Bloemfontein 9300; P.O. Box 962, Pretoria 0001; P.O. Box 7054, Port Elizabeth 6000; P.O. Box 395, Pietersburg 0700.
**L.P:** Chmn (Board) Prof. W.L. Mouton. Dir. Gen: J.A. Eksteen. Dep. Dir. Gen. Management Sces: G.J. Yssel. Dep. Dir. Gen. News: J.E. van Zyl. Dep. Dir. Gen. Tech: D.G.H. Mills. Dep. Dir. Afrikaans & English Prgrs: P.F.M. de Bruyn. Dep. Dir. Gen. Nguni, Sotho & Ext. Sce: T. van Heerden. Dep. Dir. Gen. Commercial Sces: J.G.C. Siebert. Sen. Dir. Eng. & Afr. Sces: C. Swanepoel. Sen. Dir. Finance: W.J.J. Harmse. Editor-in-Chief N. & Public Affairs: J.J.L. Hamman. Gen. Mgr. Public & Int. Rel: H.P.N. Jordaan.

### HOME SERVICES

**Mediumwaves** a) Radio 5 (stereo from April 1985), b) R. Lotus, c) R. Venda, d) R. Tsonga, e) R. Swazi/R. Zulu, f) R. Nedebele/R. Zulu

| Location | kHz | kW/St. | Location | kHz | kW/St. |
|---|---|---|---|---|---|
| Maraisburg* | 576 | 2a | Welgedacht*** | 828 | 5a |
| Maraisburg* | 648 | 2b | Pietersburg | 864 | 2c |
| East London | 684 | 5a | Pietersburg | 990 | 2d |
| Maraisburg* | 729 | 2c | Pietersburg | 1116 | 2a |
| Brackenfell** | 729 | 5a | Maraisburg* | 1287 | 2e |
| Bloemfontein | 783 | 5a | Pt. Elizabeth | 1314 | 5a |
| Durban | 801 | 2a | Welgedacht*** | 1404 | 2f |
| Grahamstown | 810 | 5a | | | |

*Johannesburg West, **Cape Town, ***Johannesburg East.
**FM:** 3kW exc. °)10kW, °°)5kW.
**NATIONAL SCES: P** = Province; C = Cape Province; N = Natal, O = Orange Free State, T = Transvaal; **N** = National States, K = KwaZulu, Q = Qwa Qwa.

| Location | P/N | Afrikaans MHz | English MHz | Nat. Comm. MHz |
|---|---|---|---|---|
| Aliwal N. | C | 101.19b | 89.32b | 93.28 |
| Alverstone°* | N | 105.83c | 90.01c | 93.96 |
| Beaufort W. | C | 92.59a | 104.46a | 100.50 |
| Bedford | C | 98.78b | 102.74b | 94.82 |
| Bethlehem | O | 98.87d | 94.91d | 106.78 |
| Bloemfontein° | O | 88.12d | 103.94d | 96.03 |
| Boesmanskop | O | 92.50d | 104.37d | 88.55 |
| Calvinia | C | 95.08a | 99.04a | 102.99 |
| Carnarvon | C | 90.01a | 93.96a | 97.92 |
| Christiana | T | 97.40c | 89.49f | 105.32 |
| Constantiaberg** | C | 97.40a | 93.45a | 105.32 |
| Cradock | C | 92.24b | 96.20b | 88.29 |
| Davel | T | 89.41c | 93.36f | 97.32 |
| De Aar | C | 106.86b | 91.04b | 95.00 |
| Donnybrook | N | 104.03c | 88.20c | 92.16 |
| Douglas | C | 100.33d | 92.42d | 88.46 |
| Dullstroom | T | 104.46g | 88.63f | 92.59 |
| East London | C | 96.03b | 107.90b | 92.07 |
| Eshowe | N | 101.10c | 105.06c | 89.23 |
| Faans Grove | C | 95.17d | 99.12d | 103.08 |
| Ft. Mistake (Glencoe) | N | 104.63c | 100.67c | 96.72 |
| Garies | C | 88.55a | 92.50a | 96.46 |
| George | C | 106.00a | 102.05a | 90.18 |
| Graaf-Reinet | C | 94.39b | 98.35b | 102.31 |
| Grahamstown | C | 101.36b | 93.45b | 89.49 |
| Greytown | N | 103.25c | 107.21c | 91.38 |
| Hartbeesfontein | T | 87.94e | 91.90f | 95.86 |
| Hoedspruit | T | 99.73g | 107.64f | 87.86 |
| Houtbosdorp | T | 97.15g | 89.23f | 105.06 |
| Johannesburg° | T | 103.42e | 95.51f | 99.47 |
| Kareedouw | C | 101.70b | 105.66b | 89.84 |
| Keiskammahoek | C | 95.25b | 103.17b | 107.12 |
| Kimberley | C | 102.13d | 106.09d | 98.18 |
| Kroonstad | O | 94.48d | 90.52d | 102.39 |
| Kuruman Hills | C | 95.60d | 99.55d | 103.51 |
| Ladybrand | O | 101.79d | 89.92d | 105.75 |
| Louis Trichardt | T | 88.46g | 96.37f | 100.33 |
| Matatiele | N | 98.26c | 90.35c | 94.31 |
| Matjiesfontein | C | 93.71a | 101.62a | 105.57 |
| Middelburg | T | 106.61g | 90.78f | 94.74 |
| Mooi River | N | 97.49c | 105.40c | 89.58 |
| Napier | C | 95.25a | 99.21a | 103.17 |
| Nelspruit | T | 102.31g | 90.44f | 94.39 |
| Nongoma | K | 96.37c | 100.33c | 104.28 |
| Noupoort | C | 93.62b | 101.53b | 105.49 |
| Oudtshoorn | C | 95.51a | 99.47a | 103.42 |
| Petrus Steyn | O | 92.33d | 96.29d | 100.24 |
| Piketberg | C | 95.86a | 99.81a | 107.72 |
| Piet Retief | T | 93.79g | 89.84f | 101.70 |
| Port Elizabeth | C | 99.55b | 103.51b | 87.69 |
| Port Shepstone | N | 90.78c | 102.65c | 98.69 |
| Potgietersrus | T | 95.34g | 103.25f | 107.21 |
| Pretoria°° | T | 96.89g | 88.98f | 92.93 |
| Prieska | C | 105.06a | 89.23a | 93.19 |
| Queenstown | C | 90.09b | 94.05b | 101.96 |
| Riversdale | C | 96.29a | 104.20a | 92.33 |
| Rustenburg | T | 106.95e | 102.99f | 95.08 |
| Schweizer-Reneke | T | 94.82e | 98.78f | 102.74 |
| Senekal | O | 97.06d | 101.02d | 93.10 |
| Springbok | C | 103.94a | 88.12a | 92.07 |
| Springfontein | O | 100.76d | 88.89d | 92.85 |
| Suurberg | C | 96.97b | 100.93b | 104.89 |
| Thabazimbi | T | 102.22e | 106.18f | 98.26 |
| The Brook (Carolina) | T | 91.21g | 95.17f | 99.12 |
| Theunissen | O | 99.21d | 103.17d | 107.12 |
| Ubombo | K | 90.27c | 94.22c | 98.18 |
| Upington | C | 92.76d | 104.63d | 100.67 |
| Van Rhynsdorp | C | 93.28a | 97.23a | 101.19 |
| Villiersdorp | C | 102.39a | 94.48a | 90.52 |
| Volksrust | T | 91.99c | 95.94f | 99.90 |
| Vryheid | N | 98.52c | 102.48c | 94.57 |
| Welverdiend | T | 89.75e | 93.71f | 97.66 |
| Zeerust | T | 105.14e | 89.32f | 93.28 |

+ low power st's at 25 locations.
*) Durban and Pietermaritzburg — **) Cape Town.
**Regional Prgr. Studios:** a) Cape Town, b) Port Elizabeth, c) Durban, d) Bloemfontein, e) Johannesburg, f) Johannesburg or Pretoria, g) Pretoria.
**RADIO 5:** Johannesburg 88.55MHz 0.5kW (stereo), Pretoria 106.44MHz (stereo).

### INTERNAL SHORTWAVE SERVICE

**STATION:** H.F. Verwoerd Station (Meyerton)
(G.C: 28.08E/28.35S): 4 × 100kW tr's + 1 × 100kW standby tr.

| kHz | Sce | kHz | Sce | kHz | Sce | kHz | Sce |
|---|---|---|---|---|---|---|---|
| 3230 | S | 4835 | E | 7255 | S | 11885 | A |
| 3250 | B/E | 4880 | A/D | 9560 | A | 11900 | F |
| 3320 | A | 5955 | S | 11790 | C | 11935 | S |
| 3965 | A | 7170 | B | | | | |

A = Afrikaans Sce; B = Radio 5; C = English Sce; D = Market Reports; E = R. Orion; F = Forces Sce; S = Sports Sce.

**English Service**
On **FM:** 0400 (Sat 0430, Sun 0500)-2200; On **4835kHz:** S/on-0555, 1520-s/off; On **11790kHz:** 0600-1515; On **11900kHz:** Sat 1135-1230 (Public Holidays 1135-1300) for SADF. **N:** 0431 (Mon-Fri), 0500, 0530 (Mon-Fri), 0600, 0630 (Mon-Fri), 0657 (Mon-Fri), 0900, 1115, 1400 & 1500 (Mon-Fri), 1600, 1700 (W), 1900, 2100. **Regional N: FM:** 1125 (W), 1710 (Mon-Fri). Different bulletins in the four provinces. **SW:** rel. Bloemfontein or Johannesburg.
**Regional Prgrs:** Mon 1140-1245 (Bloemfontein only), Wed 1140-1245, Thurs 2010-2100. On SW rel. Johannesburg, Bloemfontein or Pretoria. For Studio Centres and relay st's refer to the FM table.
**Indian Programme in English** (all FM + SW fq's) 0515-0600 (Sat), 0509-0600 (Sun). **N:** 0545 (Sat).
**Relay R. Orion** on all freq's: 2200-0400.

**Afrikaans Service**
On **FM:** 0350 (Sat 0353, Sun 0400)-2200; On **3320kHz:** S/on-0510, 1635-s/off; On **4880kHz:** s/on-0550, 1520-s/off (exc. Mon-Fri 1605-1655); On **9560kHz:** 0515-1630; On **11885kHz:** 0555-1515. **N:** 0445 (W), 0500 (Sun), 0600, 0800 (Mon-Fri), 0900, 1115, 1400 & 1500 (Mon-Fri), 1600, 1700 (W), 1900, 2100. **Regional N: FM:** 0610 (Mon-Fri), 0700 (Sat), 1125 (W). Different bulletins in the four provinces. **SW:** rel. Bloemfontein or Johannesburg. **Regional Prgrs:** 0500-0600 (Sat), 0615-0730 (W), 1135-1215 (Mon-Fri), 2000-2100 (Wed). For Studio Centres and relay st's refer to FM table.
**Market Reports:** Mon-Fri 1605-1650 on 4880kHz (Mon/Wed/Fri in Afrikaans, Tues/Thurs in English).
**Rel. R. Orion** on all freqs: 2200-s/on.
**Special Sports Sce** (Summer, irr.) 0845-1600 (approx) on 7255/11935kHz; after 1600 on 3230/5955kHz.

**NATIONAL COMM. SCES in English/Afrikaans**
**Springbok Radio:** 0300-2200 on FM. **N. English:** 0430, 0530 (W), 0630 (Sun), 0845, 1100, 1358 (Sat), 1530 (Mon-Fri), 1700, 2000 & 2100 (W). **Afrikaans:** 0345 (W), 0530 (Sun), 0630 (W), 1358 (Mon-Fri), 1930 (Sun).
**Radio 5:** 0300-2200 on MW + 88.55/106.44MHz; On **3250kHz:** 0300-0545, 1530-2200; On **7170kHz:** 0550-1525. **N: English:** Mon-Fri every half h 0400-0700, 0900, 1500, 1700; Sat/Sun 0500, 0900, 1500, 1700. **Afrikaans:** 0700, 1100 (Sat/Sun), 1300, 2000. **English/Afrikaans:** Mon-Fri 1100.
**R. Orion** (All-night prgr): 2200-0400 on all freqs of English/Afrikaans Sces, Regional & Nat. Comm. Sces and R.5 (MW+3250kHz).
**N. in Afrikaans:** 2300, 0300. **N. in English:** 0330.

**REGIONAL COMM. SCES in English/Afrikaans:**
**R. Highveld** (Johannesburg): 3kW exc. °) 10kW, °°5kW.

| Location | MHz | | MHz |
|---|---|---|---|
| Bethlehem | 90.95 | Petrus Steyn | 88.37 |
| Bloemfontein° | 107.90 | Potgietersrus | 91.38 |
| Christiana | 101.36 | Pretoria°° | 90.35 |
| Davel | 101.27 | Rustenburg | 91.13 |
| Hartbeesfontein | 99.81 | Schweizer-Reneke | 90.87 |
| Hoedspruit | 103.68 | Springfontein | 104.71 |
| Johannesburg° | 87.60 | The Brook (Carolina) | 107.04 |
| Kimberley | 94.22 | Theunissen | 95.25 |
| Kroonstad | 98.44 | Volksrust | 103.85 |
| Kuruman Hills | 91.64 | Welverdiend | 107.90 |
| Nelspruit | 106.26 | Zeerust | 101.19 |

+ 3 low power st's.
**D.Prgr:** 0400-2200. **N. in English:** 0530-2130 every 2h.
**N. in Afrikaans:** 0430-2030 every 2h.

**R. Good Hope** (Cape Town): 3kW.

| Location | MHz | | MHz |
|---|---|---|---|
| Beaufort W. | 96.54 | Matjiesfontein | 97.66 |
| Bedford | 106.69 | Napier | 107.12 |
| Calvinia | 91.13 | Noupoort | 89.66 |
| Carnarvon | 105.83 | Oudtshoorn | 91.56 |
| Constantiaberg | 101.36 | Piketberg | 91.90 |
| Cradock | 100.16 | Port Elizabeth | 95.60 |
| De Aar | 102.91 | Prieska | 97.15 |
| East London | 99.98 | Queenstown | 98.01 |
| Garies | 100.41 | Riversdale | 88.37 |
| George | 98.09 | Springbok | 96.03 |
| Graaff-Reinet | 90.44 | Suurberg | 93.02 |
| Grahamstown | 97.40 | Upington | 96.72 |
| Keiskammahoek | 99.21 | Van Rhynsclorp | 105.14 |
| Kareedouw | 93.79 | Villiersdorp | 98.44 |

+ 12 low power st's.
**D.Prgr:** 0400-2200. **N. in English:** 0530-2130 every 2h.
**N. in Afrikaans:** 0430-2030 every 2h.

**R. Port Natal** (Durban): 3kW exc. °)10kW.

| Location | MHz | Location | MHz |
|---|---|---|---|
| Alverstone° | 101.88 | Mooi River | 101.45 |
| Donnybrook | 100.07 | Nongoma | 88.46 |
| Eshowe | 97.15 | Port Shepstone | 94.74 |
| Ft. Mistake (Glencoe) | 92.76 | Vryheid | 106.43 |
| Greytown | 99.30 | + 4 low power st's. | |

**D.Prgr:** 0400-2200 (Sun 1730). Relay R. Lotus Sun 1730-2200.
**N. in English:** 0530-2130 (Sun 1730) every 2h. **N. in Afrikaans:** 0430-2030 (Sun 1630) every 2h.

**R. Lotus** (Durban): Indian Sce.

| Location | MHz | Location | MHz |
|---|---|---|---|
| Alverstone | 103.68 | Pietermaritzburg | 95.00 |
| Durban No. | 102.91 | Pretoria | 98.53 |
| Fort Mistake | 107.81 | The Bluff | 106.68 |
| Ladysmith | 107.38 | | |

**D.Prgr. in English:** 0400-0700 & 1400 (Sat/Sun 1000)-1930 (Sun 2200) on 648kHz+FM. **N:** 0445, 0650, 1100 (Sat/Sun), 1500, 1900. Tr's relay R. Port Natal at other times.
**ANN:** "This is the English Sce. of the SABC". Afrikaans: "Dit is die Afrikaanse Diens van R. Sud Afrika". Springbok R. E: "This is the National Netw. of Springbok R" or "This is Springbok FM". Radio 5: On the h: "You are tuned to R. Five" or "U is ingeskakel op Radio 5". All Night Sce: "This is R. Orion", "Dit is R. Orion".
**INT-SIG:** English Sce: Dove-call. Afrikaans Sce: Musical Box "Ver in die Wereld Kittie" followed by Dove-call. Springbok R: closes with an Orchestral arrangement of the folk tune "Vat jou goed en trek, Ferreira". Reg. Comm. Sces: Before and after news: French horn.
**PUB:** "Family Radio & TV" in English, "Radio & TV Dagboek" in Afrikaans, "TV Bona" in English or vernaculars for TV2/TV3 (all weekly).

**FM SERVICES IN VERNACULARS (Comm.)**
**ADDR:** R. SeSotho, P.O. Box 1970, Johannesburg 2000; R. Tswana, P.O. Box 28151, Sunnyside 0132; R. Lebowa, P.O. Box 1869, Petersburg 0700; R. Xhosa, P.O. Box 36, King William's Town 5600. Other locations: see below.

| R. SeSotho | kW | MHz |
|---|---|---|
| Aliwal North | 3 | 105.14 |
| Barkly East | 0.05 | 106.95 |
| Bethlehem | 3 | 102.82 |
| Bloemfontein | 10 | 92.07 |
| Boesmanskop | 3 | 100.41 |
| Johannesburg | 10 | 91.56 |
| Kroonstad | 3 | 106.35 |
| Ladybrand | 3 | 93.88 |
| Matatiele | 3 | 106.18 |
| Petrus Steyn | 3 | 104.20 |
| Senekal | 3 | 89.15 |
| Springfontein | 3 | 96.80 |
| Theunissen | 3 | 91.30 |
| Welverdiend | 3 | 101.62 |
| Witsieshoek | 0.1 | 90.18 |
| **R. Tswana** | | |
| Bloemfontein | 10 | 99.98 |
| Christiana | 3 | 93.45 |
| Hartbeesfontein | 3 | 103.77 |
| Johannesburg | 10 | 104.37 |
| Kimberley | 3 | 90.27 |
| Kuruman Hills | 3 | 87.69 |
| Menlo Park | 0.1 | 105.83 |
| Pretoria | 5 | 100.84 |
| Rustenburg | 3 | 99.04 |
| Schweizer Reneke | 3 | 106.69 |
| Thabazimbi | 3 | 94.31 |
| Welverdiend | 3 | 105.57 |
| Zeerust | 3 | 97.23 |
| **R. Lebowa (N. Sotho)** | | |
| Dullstroom | 3 | 96.54 |
| Hoedspruit | 3 | 91.81 |
| Houtbosdorp | 3 | 101.10 |
| Johannesburg | 10 | 100.42 |
| Louis Trichardt | 3 | 92.42 |
| Middleburg (Transvaal) | 3 | 98.69 |
| Potgietersrus | 3 | 99.30 |
| Pretoria | 5 | 104.80 |
| **R. Tsonga (Pietersburg)** | | |
| Hoedspruit | 3 | 95.77 |
| Houtbosdorp | 3 | 93.19 |
| Johannesburg | 10 | 92.51 |
| **R. Venda (Pietersburg)** | | |
| Louis Trichardt | 3 | 104.28 |
| Punda Milia | 0.3 | 90.27 |
| **R. Xhosa** | | |
| Aliwal North | 3 | 97.23 |
| Barkly East | 0.05 | 99.04 |
| Bedford | 3 | 90.87 |
| Constantiaberg | 3 | 89.49 |

| R. Xhosa | kW | MHz |
|---|---|---|
| Cradock | 3 | 104.11 |
| East London | 3 | 103.94 |
| Franschhoek | 0.05 | 106.95 |
| Graaff Reinet | 3 | 106.26 |
| Grahamstown | 3 | 105.23 |
| Johannesburg | 10 | 96.46 |
| Keiskammahoek | 3 | 91.30 |
| Matatiele | 3 | 102.22 |
| Noupoort | 3 | 97.58 |
| Paarl | 0.5 | 92.67 |
| Pt. Elizabeth | 3 | 91.64 |
| Queenstown | 3 | 105.92 |
| Rocklands | 0.05 | 90.09 |
| Stellenbosch | 0.1 | 87.69 |
| Suurberg | 3 | 89.06 |
| Table Mt. | 0.25 | 90.87 |
| Welgemoed | 3 | 88.29 |
| **R. Zulu (Durban)** | | |
| Alverstone* | 10 | 97.92 |
| Bethlehem* | 3 | 104.97 |
| Davel | 3 | 105.23 |
| Donnybrook* | 3 | 96.11 |
| Dullstroom | 3 | 100.50 |
| Durban (No.)* | 0.5 | 95.77 |
| Eshowe* | 3 | 93.19 |
| Fort Mistake* | 3 | 88.80 |
| Greytown* | 3 | 95.34 |
| Heidelburg | 0.1 | 106.00 |
| Johannesburg | 10 | 107.38 |
| Ladysmith* | 0.1 | 87.77 |
| Middleburg (Transvaal) | 3 | 102.65 |
| Mooi River* | 3 | 93.53 |
| Nelspruit | 3 | 98.35 |
| Nongoma | 3 | 92.42 |
| Pietermaritzburg* | 0.02 | 100.59 |
| Piet Retief | 3 | 105.66 |
| Port Shepstone* | 3 | 106.61 |
| The Brook (Carolina) | 3 | 103.08 |
| The Bluff* (Durban) | 0.1 | 100.50 |
| Ubombo* | 3 | 102.13 |
| Volksrust | 3 | 88.03 |
| Vryheid* | 3 | 90.61 |
| **R. Swazi** | | |
| Nelspruit | 3 | 96.20 |
| **R. Ndebele** | | |
| Nylstroom | 0.1 | 104.03 |

**D.PRGRS:** 24h on all sces exc. R. Swazi/R. Ndebele (0300-0630 & 1630-1930) which relay R. Zulu at other times.
**N:** 0400 (W), 0500a, 0600, 0900, 1100, 1400 and 1500 (Mon-Fri), 1600, 1730W, 2000 — a) W exc. R. Tswana (daily). R. Tswana also 1030 and 1530.
**ANN:** "Ye ke R. Lebowa", "Eno ke R. Tswana", "Ena ke R. Sotho", "Leyi i R. Tsonga", "Heydi ndi R. Venda", "Le yi R. Xhosa", "Lona Umsakazo i R. Zulu", "Lona ngu Msakato wa R. SiSwati".

## EXTERNAL SERVICES

### RADIO RSA-THE VOICE OF SOUTH AFRICA

**ADDR:** P.O. Box 4559, Johannesburg 2000.
**H.F. Verwoerd Transmitting Station** Meyerton (G.C: 28.08E/26.35S): 500/250kW.

| kHz | kHz | kHz | kHz | kHz | kHz | kHz |
|---|---|---|---|---|---|---|
| 3230 | 6010 | 9580 | 11730 | 15185 | 15345 | 21530 |
| 3995 | 6065 | 9585 | 11900 | 15220 | 17745 | 21535 |
| 4990 | 6160 | 9615 | 15155 | 15325 | 17780 | 25790 |
| 5980 | 7270 | | | | | |

I = Kenya/Uganda/Tanzania; II = Zimbabwe/Zambia/Malawi; III = Ethiopia/Somali Rep; IV = Caprivi/Zambia; V = Rwanda/Burundi/Zaire; VI = Cameroon/Gabon/Rep. Congo; VII = Central Af. Rep./Chad; VIII = Nigeria/Ghana/Sierra Leone/Gambia; IX = Mali/Mauritania/Togo/Burkina Faso/Ivory Coast/Guinea/Senegal/Niger/Benin; X = Central & East Africa; XI = Central Africa; XII = Middle East; XIII = Netherlands/Belgium; XIV = Germany/Austria/Switzerland; XV = Angola/Mozambique; XVI = USA & Canada; XVII = Kenya/Tanzania/Zimbabwe/Zambia; XVIII = UK & Ireland; XIX = Portugal; XX = France/Belgium/Switzerland; XXI = Brazil; XXII = Latin America. Behind frequencies in brackets: Antenna direction in degrees, clockwise from true North.

**Schedule: Nov 4 1984–March 2 1985**

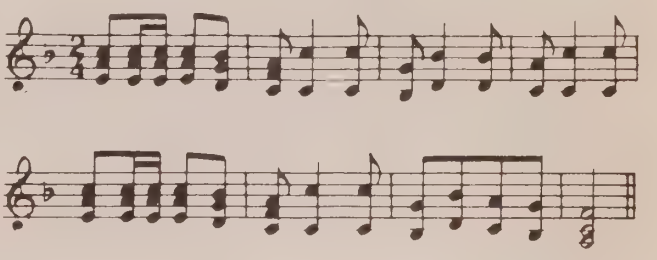
| Afrikaans | Areas | kHz (Beam) |
|---|---|---|
| 0828-0856a | XVII | 7270(7), 11900(5), 17780(17) |
| **Chichewa** | | |
| 1658-1756 | II | 4990/7270(7) |
| **Dutch** | | |
| 1658-1756 | XIII | 11900 (340), 15185 (350) |
| **English** | | |
| 0158-0256 | XVI | 5980 (294), 6010/9615 (305) |
| 0258-0456 | I/II/III | 3230/4990 (7), 5980 (20), 7270 (7), 9585 (17) |
| 0628-0730 | II/VIII/XVIII | 7270 (7), 11900 (350) 15220/17780 (340) |
| 1058-1156 | X/XII/XVIII | 15220/21535 (7), 25790 (350) |
| 1258-1556 | X/XII/XVIII | 9585/15220 (7), 25790 (350) |
| 2058-2156 | VIII/XVIII | 9585 (340), 11900/15155 (350) |
| **French** | | |
| 0428-0526 | V/VI/VII | 7270/9585 (340), 11900 (350) |
| 0528-0626 | IX/XX | 11900 (350), 15220/17780 (340) |
| 1158-1256 | XI/XX | 15220 (357), 21535 (7), 25790 (350) |
| 1758-1856 | V/VI/VII | 7270 (340), 9585 (350) |
| 1958-2056 | IX/XX | 9585 (340), 11900/15155 (350) |
| **German** | | |
| 1758-1856 | XIV | 11900 (340), 15185 (350) |
| **Lozi** | | |
| 0428-0530 | IV | 5980 (335) |
| 1028-1130 | IV | 11900 (335) |
| 1458-1956 | IV | 5980 (335) |
| **Portuguese** | | |
| 0958-1026 | XV/XIX | 7270 (76), 11900 (320), 25790 (340) |
| 1858-1956 | XV/XIX | 4990 (76), 7270/9585 (320), 15185 (335) |
| 2158-2256 | XXI | 6065 (264), 9580 (260) |
| **Spanish** | | |
| 2258-0056 | XXII | 6065 (240), 6160 (270), 9580 (260) |
| **Swahili** | | |
| 1558-1656 | I | 9585 (17), 11900/15185 (20) |
| **Tsonga** | | |
| 0858-0956a | XV | 7270 (76) |

**Schedule: March 3–May 4 1985**

Transmissions not shown below will remain unchanged.

| Dutch | Areas | kHz (Beam) |
|---|---|---|
| 1658-1756* | XIII | 15185 (350), 21530 (340) |
| **English** | | |
| 2058-2156 | VIII/XVIII | 7270 (320), 9585 (340), 15155 (350) |
| **French** | | |
| 0528-0626 | IX/XX | 11900 (335), 15220/17780 (340) |
| 1758-1856 | V/VI/VII | 7270/9585 (340) |
| 1958-2056 | IX/XX | 7270 (320), 9585 (340), 15155 (350) |
| **German** | | |
| 1758-1856* | XIV | 15185 (350), 21530 (340) |
| **Portuguese** | | |
| 1856-1956 | XV/XIX | 4990 (76), 7270 (20), 9585 (320), 15185 (335) |
| **Swahili** | | |
| 1558-1656 | I | 9585 (17), 11900 (20) |

a) Sun only —*) one hour earlier from March 24th.
**N: English:** 0200, 0300, 0400, 0630, 1100, 1300, 1400, 1500, 2100 — **French:** 0430, 0530, 1200, 1800, 2000 — **German:** 1800 — **Dutch:** 1700 — **Portuguese:** 1000, 1900, 2200 — **Spanish:** 2300, 0000 — **Swahili:** 1600 — **Lozi:** 0445, 1100, 1500, 1700, 1930 — **Chichewa:** 1700.
**DX-Prgrs: English:** Thurs 1300, Sat 2100; Sun 0200, 0300, 0630 — **French:** Fri 0430, 0530, 1200, 1800, 2000 — **Dutch:** Tues/Thurs/Sat 1700 — **German:** Tues/Thurs/Sat 1800 — **Spanish:** Fri 0011 — **Portuguese:** Thurs 1900, 2200.
**ANN:** E: "This is Radio RSA, the Voice of South Africa, calling from Johannesburg". F: "Ici R. RSA, la Voix de l'Afrique de Sud". P: "Aqui R. RSA, a Voz da Africa do Sul" — **INT-SIG:** Call of the Bokmakierie accompanied by first bars of "Ver in die Wereld Kitty" on guitar.



**V.** by QSL—card.

## BOPHUTHATSWANA (Republic)

**L.T:** UTC + 2h — **Pr.L:** SeTswana, English, Afrikaans.

### BOPHUTHATSWANA BROADCASTING ADVISORY BOARD

**ADDR:** P/Bag X2158, Mafikeng, 8670.
**L.P:** Chmn: H.J. Howell.

### RADIO BOPHUTHATSWANA (Gov, Comm.)

**ADDR:** P/Bag 2158, Mafikeng, 8670.
**Studios:** Mmabatho. **Te:** (0140) 21116/7/8.
**L.P:** Dir. Gen. of Broadc: D.M. Mothibi. Dir: J.A. Ackerman. Dep. Dir: W. Tlatese. Chief Eng: D.G. Stewart.
**STATIONS: Mediumwave:** Ga-Rankuwa 1098kHz 100kW.
**FM:** Madibogo 98.01MHz 1kW, Mmabatho 90.09MHz 1kW + 11 st's 0.3kW.
**D.PRGR. in SeTswana & English:** W 0300-2100 (Fri/Sat 2200), Sun 0400-2100. **N. in English:** 0500, 1100, 1500*, 1700* — *) Mon-Fri. **N. in SeTswana:** 0400*, 0600, 0930W, 1600*, 1700 (Sun), 1730 (Sat) — *) Mon-Fri. **Regional N:** Mon-Fri 0403 & 1630.
**ANN:** S. "Ke R. Bophuthatswana e gasang go tswa Mmabatho". E: "This is R. Bophuthatswana broadc. from the capital, Mmabatho" or "This is R. Bophuthatswana (or R. Bop) the station with a mind of its own, on FM and MW 10-98".
**INT-SIG:** "Serankuwa" (traditional instrument). Trumpet fanfare before st. ID. Before N: "Lepatata" (Kudu horn). National Anthem at evening close down — **V.** by QSL-card — **PUB:** Prgr. schedule available on request.
**F.PL:** Second channel (Educ.) on FM in 1985.

### BOPHUTHATSWANA COMMERCIAL RADIO (PTY) LTD.

**ADDR:** (Head Office): P.O. Box 17702, Hillbrow, 2038 South Africa; (studio): P.O. Box 203, Ga-Rankuwa 0208, Bophuthatswana.

**L.P:** Man. Dir: I. Kirsh. Prgr. Mgr: G. Edwards. Marketing Mgr: G. Harpham. Chief Eng: B. Richardson.
**STATION:** Ga Rankuwa 702kHz 100kW (stereo).
**D.PRGR. in English** (to So. Africa): 24h.
**N:** on the h. W 0400-1700, Sun 1000-1500. Headlines: on the half h.
**ANN:** "Music Radio 702" — **V.** by letter (re. to studio addr).

### RADIO PULPIT (Rlg)

**ADDR:** P.O. Box 3436, Pretoria 0001, South Africa. **Te:** (012) 73-1111. **Telex:** 3-656 SA.
**L.P:** Man. Dir: Ds. P.J.C. Loots. Dir. Prgrs: Ds. E. Botha.
**STATION:** Hebron 540kHz 50kW.
**D.PRGR.** To So. Africa/Bophuthatswana: **Afrikaans/English:** W 0430-0630, 1430 (Sat 1700)-2100; Sun 0500-1030, 1700-2100. **SeTswana:** 1700-1800.
**ANN:** E: "This is Radio Pulpit broadcasting on Radio 540 Bophuthatswana". Afrikaans: "Dit is R. Kansel wat vitsaaie oor R. 540, Bophuthatswana" — **INT-SIG:** Trumpet fanfare.
**V.** Re. to: Chief Engineer, Radio 540, Bophuthatswana, Hebron, Bophuthatswana.

## CISKEI (Republic)

**L.T:** UTC + 2h — **Pr.L:** Xhosa, English, Afrikaans.

### CISKEI BROADCASTING SERVICE (Gov.)

**ADDR:** Dept. of Foreign Affairs, P/Bag X, Zwelitsha, 5608.
**Studios:** P.O. Box 547, King Williams Town, 5600 South Africa.
**Te:** (0433) 24545/6/7. **Telex:** 75-0786. **Cable:** Sasaza.
**L.P:** St. Mgr: Chief S.M. Burns-Ncamashe. Prgr. Mgr: F. Lubisi.
**STATION:** Keiskammahoek 91.30MHz 3kW (tr. belongs to SABC) — Queenstown 105.92MHz 3kW.
**D.PRGR. in Xhosa/English:** 0300-1930 (Fri 2000, Sat 2100). **N. in Xhosa:** Mon-Fri 0500, 0600, 0900, 1100, 1300, 1500, 1700, 1900; Sat 0500, 1100; Sun 1100. **N. in English:** Mon-Fri 0400, 0800, 1000, 1200, 1400, 1600, 1800; Sat 0400; Sun 0400, 1730.
**ANN:** "Le yi Radio Ciskei, umbomo yeCiskei". E: "This is R. Ciskei".
**INT-SIG:** Call of the Blue Crane — **V.** by letter.

## SOUTH WEST AFRICA
## (UN Mandate administered by South Africa)

**L.T:** UTC + 2h — **Pr.L:** Afrikaans, English, German, Ovambo, Herero, Tswana, Damara, Nama, Kwangali, Mbukushu, Gciriku.

### SOUTH WEST AFRICA BROADCASTING CORPORATION (Autonomous Statutory Corporation)

**ADDR:** P.O. Box 321, Windhoek 9000. **Te:** (061) 291-911. **Cable:** Broadcast.
**L.P:** Chief Exec: P. J. Venter. Prgr. Dir: P. A. van der Smit. Man Dir: P. J. B. Coetzer. Dir. Tec. Sces: H. W. R. Matthaei. Public Rel. Officer: Miss M. Venter.

| MEDIUMWAVES | kHz | kW | | kHz | kW |
|---|---|---|---|---|---|
| Tsumeb | 594a | 100 | Gobabis | 747b | 100 |

a) R. Owambo — b) R. Herero.
**SHORTWAVES:** Windhoek 2 × 100kW SW-tr's.

| kHz | Prgr | H. of tr. (wi) | H. of tr. (su) |
|---|---|---|---|
| 3270 | 1 | 1625-0630 | 1625-0510 |
| 3295 | 2 | 1630-0615 | 1630-0515 |
| 6185 | 2 | 0615-1630 | 0515-1630 |
| 7190 | 1 | 0630-1625 | 0510-1625 |

Prgr. 1 = Herero/Damara/Nama (rel. Vernacular sces), Prgr. 2 = Afrikaans/German/English (rel. FM sces). Exact times of relays for each sce. are given below.
**FM:** The total no. of tr's for each sce is given below.
**Afrikaans Sce:** 0400 (Sun 0445)-2200 on 22 FM-tr's.
**On SW (Prgr.2):** Mon-Fri 0400-0900,1100-1600, 1700-2000 (Wed 2200); Sat 0400-2200, Sun 0445-2200.
**N:** 0445* (W), 0500* (Sun), 0600*, 0900, 1115, 1400a), 1500a), 1600, 1700, 1900*, 2100* — *) rel. SABC, a) Mon-Fri.
**English Sce:** 0400 (Sun 0455)-2200 on 13 FM-tr's.
**On SW (Prgr.2):** Mon/Tues/Thurs/Fri 2000-2200.
**N:** Mon-Fri 0430, 0500*, 0600*, 0800-1700 on the h, 1900*, 2100*; Sat 0430, 0500*, 0600*, 0900, 1100, 1600, 1700, 1900*, 2100*; Sun 0500, 0600, 0900, 1115, 1600, 1700, 1900*, 2100* — *) rel. SABC.
**German Sce:** 0400 (Sun 0500)-2200 on 18 FM-tr's.
**On SW (Prgr.2):** Mon-Fri 0900-1100, 1600-1700. **N:** Mon-Fri 0900, 1115, 1400, 1600, 1800, 2000; Sat 1115, 1125 (local). Rel. SABC English Sce: Mon-Fri 0430-0700, 2100-2115; Sat 0500-0515, 1700-1710, 2100-2115; Sun 0600-0610, 1500-2200.
**All Night Sce:** 2200-0358 on all FM/MW/SW tr's (exc. R. Kavango) with ann. in Afrikaans, English & German.
**ANN:** A: "Dit is R. Suidwes Afrika". E: "This is R. South West Africa". G: "Hier ist R. Südwest Afrika".
**INT-SIG:** First bars of "Das Südwesterlied" on guitar
**V.** by QSL-card(B).
**F.PL:** Remaining SABC relays to be phased out.

**VERNACULAR SERVICES**
**R. Owambo:** P.O. Box 123, Oshakati, 9000.
**D.Prgr:** in Kwanyama/Oshindonga: 0400-2200 on 594kHz + 10 FM tr's — **Int-Sig:** Call of the Fish Eagle & wooden pestles.

**R. Herero:** P/Bag 2111, Okakara 9000.
**D.Prgr:** in Herero & Tswana: 0400-2200 on 747kHz + 7 FM-tr's.
**On SW (Prgr.1):** Mon-Fri 0358-1000, 1300-1630; Sat/Sun 0358-0505, 0830-1000, 1300-2200.
**Int-Sig:** Cattle Horn bugle & warrior chant.

**R. Damara-Nama:** P/Bag 2031, Khorixas 9000.
**D.Prgr.** in Damara/Nama: 0400-2200 on 18 FM-tr's.
**On SW (Prgr.1):** Mon-Fri 1000-1300, 1630-2200; Sat/Sun 0505-0830, 1000-1300 — **Int-Sig:** Nama Reed Flutes.

**R. Kavango:** P.O. Box 100, Rundu 9000.
**D.Prgr.** in Kwangali/Mbukushu/Gciriku: 0400-2100 on 7 FM-tr's — **Int-Sig:** Kavango drums.

**V.** by QSL-card — **ALF:** R 12.00.

## TRANSKEI (Republic)

**L.T:** UTC + 2h — **Pr.L:** Xhosa, English.

### DEPARTMENT OF POSTS & TELECOMMUNICATIONS

**ADDR:** P/Bag X5001, Umtata. **Te:** (0471) 3311. **Cable:** Postgen. **Telex:** 75-440.

### TRANSKEI BROADC. CORP. (Gov, Comm.)

**ADDR:** P.O. Box 794, Umtata. **Te:** (0471) 2373. **Cable:** Usasazo.
**L.P:** Prgr. Mgr: T. Mcinga. Chief Eng: M. Slough.

**STATIONS: FM** (3kW).

| Location | MHz | | MHz |
|---|---|---|---|
| Butterworth | 90.52 | Mt. Ayliff | 100.84 |
| Cala | 91.90 | Umtata | 105.57 |

**D.PRGR. in Xhosa:** 24h. **N:** 0500-2000 on the h.
**Rel SABC, Radio Xhosa:** 2000-0257, 0800-1357.
**ANN:** "Le yi R. Transkei" — **V.** by letter.
**F.PL:** Prgrs and N. in English.

### CAPITAL RADIO (TRANSKEI) PTY. LTD. (Comm.)

**ADDR: Head Office:** Box 806, Umtata. **Te:** (0471) 2991.
**Telex:** 509-823. **Addr. in SA:** Milpark Galleries, Stanley Ave, Auckland Park, Johannesburg 2092. **Te:** (011) 726-0111.
**Telex:** 4-622976; Suite 504, 320 West Str, Durban 4001. **Te:** (031) 317-287. **Telex:** 62-976.
**L.P:** Chmn: H. H. Bubu. Man. Dir: M. Ntloko. Prgr. Dir: M. Rattle. Dir. Tec. Sce: J. F. van Hoogstraten.

| Stations | kHz | kW | | kHz | kW |
|---|---|---|---|---|---|
| Umtata | 585 | 100 | Umtata | 7150 | 10 |
| Umzimkulu | 603 | 100 | Umtata | 9765 | 20 |
| Umtata | 3930 | 20 | | | |

**FM** (3kW): Umtata 89.75MHz, Mt. Ayliff 96.89MHz.
**D.PRGR. in English:** 0300 (Sun 0400)-2300 on MW+FM and 7150kHz; s/on-0530 & 1530-2300 on 3930kHz; 0530-1530 on 9765kHz.
**N:** Mon-Fri on the h. 0400-2200; Sat on the h. 0500-2200; Sun on the h. 0500-1600. **Headlines** Mon-Fri 0430, 0530, 0630, 0730, 1430, 1530.
**ANN:** "This is Capital R. 604kHz MW, 585 for the Eastern Cape, 41 and —mb SW and on FM in and around Transkei" — **V.** by QSL-card (A). Re. to Dir. of Tec. Sces at Umtata addr.

### SOUTH AFRICAN BROADCASTING CORPORATION (SABC)

**STATIONS: FM (MHz)**

| Location | English | Nat. Comm. | kW |
|---|---|---|---|
| Butterworth | 102.39 | 98.44 | 3 |
| Cala | 95.86 | 103.77 | 0.8 |
| Mt. Ayliff | 92.93 | 88.98 | 3 |
| Umtata | 97.66 | 93.71 | 0.8 |

**D.PRGR:** rel. SABC Johannesburg. **Regional Prgrs:** Rel. Port Elizabeth (exc. Mt. Ayliff rel. Durban).
**FM SCE. in Vernaculars:** Cala 87.94MHz 3kW (Relay R. SeSotho).

## VENDA (Republic)

**L.T:** UTC + 2h — **Pr.L:** LuVenda, Afrikaans, English.

### RADIO TELEVISION THOHOYANDOU (Gov, Comm).

**ADDR:** P/bag X2309, Sibasa. **Te:** (015582) 321. **Cable:** Nyandadzo.
**L.P:** Dir: S.E. Moeti. Ag. Dep. Dir: M.S. Nembambula. Asst. Dir: T.J. Tshioli. St. Mgr: S.S.S. Ramunenyiwa. Chief Eng: S.M. Ramunenyiwa.
**MEDIUMWAVE:** Sibasa 1035kHz 100kW.
**FM:** Sibasa 106.69MHz 0.3kW, Mulima 102.74MHz 0.3kW + 3 st's 0.05kW.
**D.PRGR. in LuVenda/English:** 0300-2000. **N. in LuVenda:** 0400, 0500, 1100, 1500, 1600, 1700, 1900 (Sat/Sun). **N. in English:** Mon-Fri 1900.
**ANN:** "Heidi ndi R. Thohoyandou ya Riphabuliki ya Venda".
**INT-SIG:** Trumpeting Elephant — **V.** by letter.
**F. PL:** Extend h. of tr. to 2200.

### GOOD NEWS RADIO (Comm./Rlg.)

**STATION:** Sibasa 1233kHz 100kW.
St. under construction at time of editing.

## WALVIS BAY (South Africa)

### SOUTH AFRICAN BROADC. CORP.

**STATION:** (0.1kW): 93.79MHz (Afrikaans), 97.75MHz (English).
**D.PRGR:** Rel. SABC Johannesburg.

# ST. HELENA (British)

**L.T:** UTC — **Only L:** English.

### ST. HELENA GOV. BROADCASTING SERVICE

**ADDR:** Information Office, Broadway House, Jamestown, Island of St. Helena, South Atlantic Ocean.
**STATION** (G.C: 15.55S/05.42W); 1548kHz 0.45kW.
**HOME SCE. in English:** 0930-1200 (Fri), 1130-1330 (Mon), 1200-1330 (Thurs), 1900 (Sun 1745)-2220. **N:** 2000 (BBC), 2009 (local).
**ANN:** "This is the St. Helena Gov. Broadc. Sce".
**INT-SIG:** Trumpet call 11 seconds repeated at 5 second intervals for 64 seconds followed by "Life on the Ocean Waves".
**V.** by letter.

# SUDAN (Democratic Republic)

**L.T:** UTC + 2h — **Pr.L:** Arabic — **E.C:** a/c 50, 240V (yes).

### DEPARTMENT OF TELECOMMUNICATIONS

**Ministry of Guidance and National Information,** Khartoum.
**Cable:** Gentel.
**L.P:** Dir. Eng: Hassan Ahmed Hidirbi.

### NATIONAL BROADCASTING CORPORATION RADIO SERVICE

**ADDR:** P.O. Box 572, Omdurman. **Te:** 53151. **Cable:** IZZA.

| Mediumwaves | kHz | kW | | kHz | kW |
|---|---|---|---|---|---|
| Nyala | 540* | 50 | Port Sudan | 860* | 7 |
| Omdurman | 590 | 200 | Omdurman | 963 | 60 |
| Juba | 693 | 10 | Sennar | 1296v | 1500 |

*) Official information, unconfirmed.
**SHORTWAVES:** Omdurman (G.C: 32.28E/15.30N): 5039kHz 20kW — 11855kHz 120kW (inactive).
**FM:** 91.0MHz.
**D.PRGR. in Arabic: General Prgr:** 0400-2200 on 590kHz; 0400-1600 on 5039kHz; 1330-2200 on 1296kHz; 0400-0500, 0700-1300 & 1600-2200 on 91.0MHz. **N:** 0430, 0800, 1000, 1300, 1500, 1930, 2145.
**Peoples' Prgr:** 0400-1330 on 963kHz.
**Qu'ran Prgr:** 1330-1600 on 963kHz.
**Voice of the Sudanese Nation:** 1600-2200 on 963/5039kHz. **N:** 1700, 1800.
**Voice of Music:** 0500-0700, 1300-1600 on 91.0MHz (a variety of music from many countries).
**R. Juba (So. Sudan Broadc. Sce.)**
**Addr:** Box 126, Juba.
**D.Prgr.** on 693kHz: **English** 0445-0530, 1545-1720. **N:** 0500, 1600, 1700. **Arabic:** 0530-0600, 1720-1900. **N:** 0530, 1730, 1800, 1855.
**ANN:** "Huna Omdurman idha'atu-l-ğumhuriya as-ṡudan ad-dimuqratiyya". E: "This is R. Juba, the Southern Sudan Broadc. Sce.".
**INT-SIG:** Omdurman: Interlude of Sudanese music. Opens and closes with National Anthem — **V.** by letter.

# SWAZILAND (Kingdom)

**L.T:** UTC + 2h — **Pr.L:** English, SiSwati — **E.C:** a/c 50, 230V.

### SWAZILAND BROADCASTING SERVICE (Gov-Comm.)

**ADDR:** P.O. Box 338, Mbabane. **Te:** 42761. **Cable:** Broadcast, Mbabane. **Telex:** 2035WD.
**L.P:** Dir: T.D. Makama. Ag. Chief Eng: H.S. Black. Dir. Prgrs: R.D. Dlamini.
**MEDIUMWAVES:** 881kHz 10kW — Sidvokodvo 954kHz 100kW (day)/30/50kW (night) — **FM:** Kelly's Farm 93.02MHz 10kW, Hlatikulu 95.60MHz 10kW (stereo) + 4 low power st's.
**HOME SCE. in SiSwati, English:** Mon-Fri 0255-1200a, 1500-2100; Sat & Sun 0255-2100 — a) during School term: 0255-1315. **N. in SiSwati:** 0400, 0700, 1130, 1700, 1900. **N. in English:** 0500, 1100(BBC), 1600 (For schools during term: 0705, 0900, 1200).
**ANN:** "This is the Swaziland Broadc. Sce." or "You are tuned to R. Swaziland". SiSwati: "Lona ngu Mswakato waka Ngwane".
**INT-SIG:** At sign on "Cilongo" (Swazi trumpet).
**F.PL:** Separate English and SiSwati networks in 1985.

### SWAZILAND COMMERCIAL RADIO (PTY) Ltd.

**ADDR:** Studios: P.O. Box 23114, Joubert Park, 2044 So. Africa.
**Te:** 331-0444, Johannesburg, So. Africa. **Telex:** 8-6246.
**R. Truro:** P.O. Box 10509, Marine Parade, Durban, 4056 So. Africa. **Cable:** Swazicom service.
**L.P:** Man. Dir: I. Kirsh. Group Prgr. Mgr: R. Vickers. Ch. Eng: D. Shaw. Prgr. Dir's: Mrs. Z. Watkins (R. Truro), A. Caratão (Paralelo 27).
**MEDIUMWAVE:** Sandlane 1377kHz 50kW
**SHORTWAVES** (G.C: 30.48E/26.38S): 100kW exc. *) 10kW.

| kHz | kHz | kHz | kHz |
|---|---|---|---|
| 3223 | 4980 | 6155 | 9704* |

**INTERNATIONAL SCE** (to Southern Africa) in English, Portuguese and Indian languages: Mon-Fri 0500-2030, Sat 0400-2300, Sun 0500-2200. **On 1377kHz:** 1500-s/off. **On 4980kHz:** 1600-s/off. **On 6155kHz:** 0500-s/off. **On 9704kHz:** 0500-s/off.
**Indian Sce** (Radio Truro) in English/Urdu/Gujarati/Tamil/Telugu/Hindi: Mon-Fri 0900-1500; Sat 0400-1100 & 1400-1600; Sun 0600-1100 & 1400-1700.
**R. Paralelo 27** in Portuguese: Mon-Fri 0500-0900; Sat/Sun 1100-1400.
**Religious Sce** in English: Sun 0500-0600, Mon-Fri 1800-2030.
**The Jewish Sound** in English: Sun 1700-1800.
**ANN:** E: "This is Radio SR, the International Sound", "This is R. Truro"; "Yeh R. Truro Heh"; P: "Paralelo 27, um Programa português para as comunidades Portuguesas da Africa Austral".
**INT-SIG:** Instrumental music.
**V.** irr. by QSL-card. Re. to Chief Engineer.

### TRANS WORLD RADIO (Rlg)

**ADDR:** P.O. Box 64, Manzini. **Te:** 52781/2/3. **Cable:** Votan. **Telex:** 2196WD.
**L.P:** Pres: Paul E. Freed. Field Dir: A. R. Olson. Dir. of Prgrs: A

MacDonald. Chief Eng: L. McGuire. Dir. of Op's: A. Kitner.
**MEDIUMWAVE:** 1170kHz 50kW.
**SHORTWAVES:** Mpangela Range (G.C: 31.59E/26.34S) : 4×25kW & 1×100kW trs.

| kHz | kHz | kHz | kHz | kHz | kHz | kHz |
|---|---|---|---|---|---|---|
| 3200 | 3335 | 4775 | 5955 | 7295 | 9725 | 9830 |
| 3240 | 3365 | 4790 | 6070 | 9640 | 9815 | 11760 |
| 3275 | 4760 | 5055 | 6135 | 9710 | 9825 | |

**HOME SCE. in English:** 1730-2015 on 1170kHz.
**FOREIGN SCE:** I = Ea. Africa; II = Zaire; III = Angola; IV = So. Africa (No. of Orange R.); V = So. Africa (So. of Orange R.); VI = Mozambique; VII = Madagascar; VIII = Malawi, Zambia; IX = Namibia (So. We. Africa); X = Zimbabwe.

**Schedule Nov 5th 1984 — May 4th 1985**
Freqs in brackets will replace preceding freq from March 3rd 1985.

| Chewa | Areas | kHz | Pedi | Areas | kHz |
|---|---|---|---|---|---|
| 1530-1545 | VIII | 9640 | 0330-0345 | IV | 3240 |
| **English** | | | 1730-1745 | IV | 4790 |
| 0300-0330 | IV | 3240 | | | |
| 0430-0700 | V | 9725 | **Portuguese** | | |
| 0430-0500 | IV | 3200* | 1445-1532 | VI | 9640 |
| 0430-0600 | IV | 5055 | 1745-1832 | VI | 4775 |
| 0430-0730 | V | 6070* | | | (3275) |
| 0530-0730 | IV | 7295 | 1900-1947 | X | 9710 |
| 0615-0735 | V | 11760 | **Shangaan** | | |
| 1345-1415 | V | 9825 | 0315-0345 | IV/VI | 3200 |
| 1630-1700 | V | 9825 | 1545-1615 | IV/VI | 6135 |
| | | (9830) | **Shona** | | |
| | | 4790* | 0300-0345 | X | 4760 |
| 1800-1845 | V | 9825 | 1800-1845 | X | 7295 |
| | | (9830) | **Sotho** | | |
| 1700-2015 | IV | 4760 | 1700-1715a | IV | 4790 |
| | | (3200) | **Somali** | | |
| **French** | | | 0330-0345 | I | 9640 |
| 1515-1530 | VII | 9725 | | | |
| 1900-1945 | II | 9825 | **Swahili** | | |
| | | (9830) | 0300-0330 | I | 9640 |
| **German** | | | | | (7295) |
| 0400-0430 | IV | 3200 | 1415-1530 | I | 9825 |
| | | 5955 | 1700-1800 | I | 9825 |
| 1630-1700 | IX | 4760 | | | (9830) |
| | | (5055) | **Tshwa** | | |
| **Herero** | | | 0300-0315 | IV/VI | 3200 |
| 1700-1715a | IX | 9710 | 1530-1545 | IV/VI | 6135 |
| **Lingala** | | | **Tswana** | | |
| 1945-2015 | II | 9825 | 1715-1730a | IV | 4790 |
| | | (9830) | **Umbundu** | | |
| **Malagasy** | | | 1845-1900 | III | 9710 |
| 1500-1515 | VII | 9725 | **Xhosa** | | |
| **Ndebele** | | | 1745-1815 | IV/V | 5055 |
| 0300-0315 | IV/X | 3275 | **Zulu** | | |
| 0315-0330a | | | 0300-0330 | IV/V | 3240* |
| 1800-1815 | IV/X | 5055 | 1700-1745 | IV/V | 5055* |
| 1815-1830a | | | 1730-1745 | IV/V | 5055 |

a) Sat/Sun — *) from March 3rd.

**ANN:** "This is your station for inspiration, Trans World Radio — Swaziland" or "From the beautiful Kingdom of Swaziland, this is Trans World Radio" — **INT-SIG:** Last bar of "We've a story to tell the nations" on Hand Bells — **V.** by QSL-folder. Rec. acc.(B) preferably from target areas.

**PUB:** Schedules available in English on request — **FI:** Donations.

## TANZANIA

**L.T:** UTC + 3h — **Pr.L:** Swahili, English.
**E.C:** a/c 50, 230/440V (yes.)

### RADIO TANZANIA (Gov. Comm.)

**ADDR:** P.O. Box 9191, Dar es Salaam. **Te:** 63342/9. **Cable:** Sauti, Dar es Salaam. **Telex:** 41201 Sauti.
**L.P:** Dir. of Broadc: D. Wakati. Head of Prgrs: S. Hegga. Chief Eng: I. Mhumbira. Head, Ext. Sces: A. Ngarawa.
**STATIONS:** Dar es Salaam (G.C: 39.14E/06.50S):

| kHz | kW | Netw. | kHz | kW | Netw. |
|---|---|---|---|---|---|
| 531 | 10 | N | 4785 | 50 | N |
| 621b | 50/10 | N/R | 5050 | 10 | C |
| 656 | 100 | N/C | 6105* | 50 | N |
| 720a | 50 | N/R | 7165 | 10 | E/N |
| 837 | 1.25 | N/S | 9684 | 50 | N |
| 1035 | 10 | E | 9749 | 50 | E/C/S |
| 1215c | 50 | N/R | | | |

a) Mwanza, b) Mbeya, c) Arusha — *) irr.
C = Commercial Sce; E = External Sce; N = National Sce; R = Regional Sce; S = Schools Sce.
**NATIONAL SCE. (Swahili):** 0300-2105 on 531/621/720/1215kHz, 0300-1300 on 656kHz. **SW:** 0300-0700 & 1300-2100 on 4785 (irr. 6105) kHz, 0300-0700 on 5050kHz, 0300-2100 on 7165kHz, 0500-1500 (irr. 0300-2100) on 9684kHz. **N:** 0400, 0600, 0800, 1000, 1200, 1500, 1600, 1700, 1900 (rel. Zanzibar), 2000, 2100.
**COMMERCIAL SCE (Swahili):** 1300-2015 on 656/5050kHz, 1300-1525 (Mon-Fri) on 9749kHz. **N:** relay Nat. Sce.
**SCHOOLS SCE (Swahili & English):** Mon-Fri 1200-1255 on 837/9749kHz. **N.** in Swahili (Rel. Nat. Sce): 1200.
**EXTERNAL SCE. in English:**
**To Ea. & Ce. Africa:** 0330-0430, 0900-1030 (Sat/Sun 1915), 1530-1915 (Mon-Fri) on 1035/9749kHz. **N:** 0400, 0455, 1000, 1300 (Sat/Sun), 1600, 1800, 1900.
**ANN:** Ext. Sce: "This is the External Sce. of Radio Tanzania, Dar es Salaam". Nat. Sce: "Hii ni idhaa ya Taifa ya R. Tanzania Dar es Salaam". Comm. Sce: "Hii ni idhaa ya Biashara ya. R. Tanzania Dar es Salaam" — **INT-SIG:** Celeste (Nat & External Sce's), Piano (Comm. Sce).

**V.** by QSL-card or letter.
**F.PL:** MW-tr's (100kW) at Kiguma, Dodoma, Nachingwea.

## ZANZIBAR & PEMBA

### RADIO TANZANIA ZANZIBAR (Gov.)

**ADDR:** P.O. Box 1178, Zanzibar, Tanzania **Te:** 2928.
**Cable:** Broadcasts.
**STATIONS:** Marhubi (G.C: 39.12E/06.09S) — +) Dole (G.C: 39.14E/06.05S)

| kHz | kW | h. of tr. in Swahili: |
|---|---|---|
| 585 | 50 | 0300-0500, 0900-1100 (Sat/Sun 1430), 1430-2000 |
| 3339 | 10 | 0300-0500, 1430-2000 |
| 6005 | 10 | 0900-1100 (Sat/Sun 1430) |
| 11735+ | 60? | r. with irr. tests in 1984. |

**N. in Swahili:** Local: 1500, 1900; Rel. Dar es Salaam: 1700, 1800.
**ANN:** "Hii ni Sauti ya Tanzania, Zanzibar".
**INT-SIG:** Indigenous Xylophone.
**V.** rarely, by letter.

## TOGO

**L.T:** UTC — **Pr.L:** French + Vernaculars — **E.C:** a/c 50, 127/220V.

### RADIODIFFUSION—TÉLÉVISION TOGOLAISE (Gov.) (La Voix de la Nouvelle Marche)

**ADDR:** B.P. 434, Lomé; B.P. 21, Kara. **Te:** Lomé; 21-24-93; Kara 606060. **Cable:** Radio Togo.
**L.P:** Dir. (Lomé): S. Esso. Chief of H.F. Division: K. Mensah-Assiakoley. Dir: (Kara): M'Ba Kpenougou.
**STATIONS:** a) Togblekope (G.C: 01.12E/06.16N), b) Kara (G.C: 01.09E/09.35N).

| kHz | kW | Times |
|---|---|---|
| 1395a | 20 | 0530-2400 |
| 1503b | 10 | W 0525-0830, 1200-1430, 1600-2305 (Sat/Sun 0530-2305) |
| 3222b | 10 | 0525-0830, 1630-2305 |
| 5047a | 100 | 0530-0800, 1700-2400 |
| 6155b | 10 | 1200-1430 (Sat/Sun 0830-1630) |
| 7265a | 50/100 | 0800-1700 |

**D.Prgr: Lomé:** as above. **N. in French:** 0535, 0615, 0700, 0800, 0900, 1000, 1100, 1230, 1500, 1600, 1700, 1900, 2200, 2300, 2400 — **N. in English:** 1030, 1603, 2000 — **Vernaculars:** 0703-0800, 1403-1425, 1703-1840.
**Kara:** as above. **N. in French:** 0535, 0630, 0825, 1300, 1425, 1930, 2145, 2225. **Vernaculars:** 0650-0725, 1335-1355, 1730-1745.
**ANN:** "Ici Lomé, Radiodiff-Télévision Togolaise, la Voix de la Nouvelle Marche, chaine internationale" or "Ici Radiodiffusion de Kara".
**INT-SIG:** Soft tempo chime (Lomé). At opening and close down: Hymne Togolaise — **V.** by QSL-card (R. Kara has own QSL-card) Re. in F, E, Rec. acc. (B) — **PUB:** Prgr. sched. (weekly) — **ALF:** Frcs 500.

## TRISTAN DA CUNHA (British)

**L.T:** UTC — **Pr.L:** English.

### TRISTAN BROADCASTING SCE. (Gov.)

**ADDR:** The Administrator, Tristan da Cunha, South Atlantic Ocean, via Cape Town, South Africa.
**L.P:** Dir. of Broadc: Miss L. Rogers.
**STATION:** Edinburgh (G.C: 37.00S/12.00W): 3290kHz 0.04kW.
**D. PRGR:** Sun/Wed/Fri 1900-2205.
**N:** 2000 (BBC), 2009 (local).
**ANN:** "This is Tristan Radio, the Broadc. Sce. of Tristan da Cunha" — **V.** by letter.

## TUNISIA

**L.T:** UTC + 1h — **Pr.L:** Arabic—**EC:** a/c 50, 115/220 and 220/380V (yes).

### DIRECTION GENERALE DES TELECOMMUNICATIONS,

**ADDR:** 3 bis, rue d'Angleterre, Tunis. **Cable:** Gentel.
**L.P:** Dir. Gen: B. Khouadja.

### RADIODIFFUSION TÉLÉVISION TUNISIENNE (Gov.)

**ADDR:** 71, Ave. de la Liberté, Tunis. **Te:** 287.300. **Telex:** 12365TN.
**L.P:** Dir. Gen: Salem Boumiza. Dir. Tech: Mongi Cheffai. Head International Rel: M. Ben Cheikh.

| MEDIUMWAVES | kHz | kW | | kHz | kW |
|---|---|---|---|---|---|
| Gafsa | 585 | 350 | Tunis | 963v | 200 |
| Tunis | 630 | 600 | Monastir | 1521 | 10 |
| Sfax | 720 | 200 | Sfax | 1566 | 1200 |

**SHORTWAVES:** Sfax (G.C: 10.53E/34.58N): 100kW

| kHz | kHz | kHz | kHz | kHz |
|---|---|---|---|---|
| 7225 | 9675 | 11730 | 15225 | 17820 |

**FM:** Zaghouan 92.0/94.0/96.5MHz 20kW.

**HOME SERVICES**
**National Prgr (Arabic):** 0430-2330 on 585/630/1566kHz + 87.9/90.1MHz, 2200-2330 on 963kHz, 2300-2330 on 720kHz. **N:** 0530, 0600, 0700, 0900, 1000, 1200, 1300, 1400, 1500 (W), 1600, 1900, 2100, 2300. **Regional N:** 1700. **N.** in Colloquial Arabic: 1100, 1800.
**Relays of National Prgr. on SW:** 0430-2330 on 15225kHz, 0430-0600 on 7225/9675kHz, 0600-2330 on 11730kHz, 0600-1600 on 17820kHz, 1600-2330 on 7225kHz.
**International Netw:** on 963kHz + FM 96.5MHz.
**French:** 0500-1330, 1430-2200. **Italian:** 1330-1430.
**N:** 0500, 0800, 0900, 1000, 1100, 1245, 1500, 1630, 1830, 2130.
**Sfax Regional Prgr:** 0500-2330 in Arabic on 720kHz. **N:** 0600*, 0630, 0730, 0930, 1030, 1130, 1200*, 1330, 1530, 1600*, 1730, 1830, 1900*, 2030, 2130. *) rel. National Prgr.
**Monastir Regional Prgr:** 0550-1715 in Arabic on 1521kHz. **N:** 0600*, 0645, 0830 (Tues/Thurs/Sat/Sun), 1015, 1200*, 1315 (exc. Fri), 1600*, 1700. *) rel. National Prgr.
**ANN:** F: "Ici Radio Tunis"; Arabic: "Idha'atu-l-ğumhuriya at-tunisiyya" — **V.** by letter (Re. in E, F to Dir. Gen. des Telecommunications. Rec. acc.) — **ALF:** Din 2.00.

## UGANDA

**L.T:** UTC + 3h — **Pr.L:** English, Vernaculars.
**EC:** a/c 50, 240/415V (yes).

### RADIO UGANDA (Gov.)

**ADDR:** P.O. Box 7142, Kampala. **Te:** 54461. **Telex:** 61084.
**Cable:** Knowledge Kampala.
**L.P:** Dir. of Radio: Apollo Lawoko. Ag. Dep. Dir. of Radio: J.P. Okulla-Murra. Ag. Dir. of Eng: L. Mabaraza. Ag. Prgr. Contr. (Ext. Sce): J. Atwala.
**STATIONS** (G.C: Kampala 32.36E/00.20N) — B = Blue Netw; R = Red Netw.

| Location | kHz | kW | Net | | kHz | kW | Net |
|---|---|---|---|---|---|---|---|
| Mitvana | 576 | 100 | B | Kabale | 999 | 50 | B |
| Kampala | 639 | 100 | B | Bugisu | 1161 | 10 | B |
| Butebo | 729 | 100 | R | Arua | 1485 | 1 | |
| Nebbi | 756 | 10 | | Soroti | 5027v | 250 | B |
| Bobi | 810 | 100 | R | Soroti | 6030* | 250 | B |
| Kampala | 909 | 100 | R | | | | |

*) also carries Ext. Sce.
**HOME SCE: NATIONAL PRGR:** (Blue Netw.) in English, Swahili, French, Vernaculars: Mon-Fri 0300-0545, 0600-1130, 1300-2100; Sat 0300-1345, 1400-2100; Sun 0300-1415, 1430-2100. **N. in English:** 0400, 0700, 1400, 1800, 1900. **N. in French:** 1545 (Sat 1600).
**REGIONAL PRGR:** (Red Netw.) in English, Swahili and Vernaculars: Mon-Fri 0330-0545, 0600-1130, 1300-2100; Sat 0330-1345, 1400-2100; Sun 0330-1415, 1430-2100.
**N. in English:** 0400, 0700, 1000, 1400, 1700, 1900. **N. in Swahili:** 0430, 0945, 1830. **N. in Arabic:** 1530.
**Reg. St's:** Butebo and Bobi broadcast local prgrs exc. for relays of N. and other items of national importance.

**EXTERNAL SERVICE**
**STATION:** Soroti (G.C: 33.40E/01.40N): 1x250kW tr.

| kHz | kHz | kHz | kHz | kHz | kHz |
|---|---|---|---|---|---|
| 6030 | 9515 | 9685 | 9730 | 15250 | 15325 |

**D.PRGR:** Observed irr. as follows: **English** 1630-1730 on 9515kHz; **French** 1515-1615 on 6030kHz; **Swahili** 0400-0500 & 2000-2200 on 6030kHz. Occ. other times and freqs, but no regular schedule discernible.
**ANN:** E: "This is Radio Uganda, Kampala". F: "Ici le service exterieur de la Corporation R. diff. Ugandaise émettant de Kampala, Capitale de la République Uganda".
**INT-SIG:** Local Xylophone — **V.** by QSL-card. Reports to Chief Broadcasting Eng. Rec. acc.

## ZAIRE (Republic)

**L.T:** Kinshasa/Mbandaka: UTC + 1h; Lubumbashi/Kisangani: UTC + 2h — **Pr.L:** French, Lingala, Kikongo, Tshiluba, Swahili.
**E.C:** a/c 50, 220V.

### LA VOIX DU ZAIRE (Gov.)

**ADDR:** Station Nationale, B.P. 3171, Kinshasa-Gombe.
**L.P:** Gen. Pres: Lusala Kasa. Dir. Inf. Radio: M.M. Ma Mongo.
**MEDIUMWAVE:** Kinshasa 1448kHz 2kW.

| SHORTWAVES | kHz | kW | | kHz | kW |
|---|---|---|---|---|---|
| 3) Bukavu | 4839* | 4 | 2) Lubumbashi | 7205 | 10 |
| 5) Mbandaka | 5995 | 10 | 1) Kinshasa | 15350* | 100 |
| 4) Bandundu | 7115* | 10 | | | |

*) inactive.
**FM:** 1) 88.9MHz 50kW, 93.0MHz 1kW, 96.8MHz 10kW.
**Addresses and other information:**
1) B.P. 3171 Kinshasa-Gombe — 24h in French, Swahili, Lingala, Tshiluba, Kikongo. **N. in French:** 0430, 0530*, 0600, 0700, 0800, 0900, 1200*, 1400, 1800*, 2000, 2100, 2200, 2300, 0100 — *)rel. by all regional st's — **V.** by letter.
2) B.P. 7296, Lubumbashi — W 0400-0700, 1000-1300 (Sat 2100), 1500-2100; Sun 0400-2100.
3) B.P. 475, Bukavu — W 0400-0700, 1000-1245, 1530-1830; Sun 0400-1830 — **V.** by letter.
4) B.P. 545, Bandundu — 0400-2100.
5) B.P. 1061, Mbandaka — W 0400-0800, 1000-1200, 1500-2200; Sun 0400-2200. **N:** 0430, 1030, 1630 — **V.** by letter. Rec. acc.
**ANN:** (all st's): "Içi... (name of town)... La Voix du Zaire, Station Nationale de Radiodiffusion (et de Télévision—Lumbashi and Kinshasa only) — **F.PL:** 10 new Highpowered MW and SW trs. Regional st's in Upper Zaire and Kasai Regions.

### RADIO CANDIP (Educ.)

**ADDR:** Centre d'Animation et de Diffusion Pedagogique, Univ. Nat. de Zaire, B.P. 373, Bunia.
**STATIONS:** 3390/5067kHz (1kW).
**D.PRGR:** in Lingala, Swahili, French and 7 local dialects: W 0330-0730, 1500-2000; Sat 0400-0730, 1230-1730; Sun 1230-1900.
**INT-SIG:** Traditional music on KiZanzi & Mbira.
**ANN:** "Vous êtes a l'écoute de la Radio Scolaire et Developpement CANDIP, Centre d'Animation et de Diffusion Pedagogique, Bunia, à République du Zaire". Swahili: "Hii ni Sauti ya Radio ya Masomo na Maendeleo" — **V.** by letter.

## ZAMBIA (Republic)

**L.T:** UTC + 2h — **Pr.L:** English + 7 Vernacular languages.
**E.C:** a/c 50, 220V (yes).

### ZAMBIA BROADCASTING SERVICES (Gov.)

**ADDR:** Broadcasting House, P.O. Box 50015, Lusaka. **Te:** 219673.
**Cable:** Broadcasts Ridgeway. **Telex:** ZA 41221.
**L.P:** Dir. Gen: A.E. Phiri. Ag. Dir: Rev. R. Ng'ombe. Chief Eng: C.F. Mutale.
**STATIONS:** GS = General Sce, HS = Home Sce, ES = Ext. Sce.
**MEDIUMWAVES**

| Location | kHz | kW | Sce. | | kHz | kW | Sce. |
|---|---|---|---|---|---|---|---|
| Kitwe | 549 | 100 | GS | Kasama | 882 | 10 | GS |
| Kasama | 567 | 10 | HS | Solwezi | 909 | 10 | HS |
| Mongu | 603 | 10 | HS | Mansa | 918 | 10 | HS |
| Lusaka | 630 | 500 | GS | Livingstone | 927 | 10 | GS |
| Chipata | 666 | 10 | HS | Kabwe | 936 | 1 | HS |
| Livingstone | 729 | 10 | HS | Kitwe | 1071 | 100 | HS |
| Lusaka | 819 | 100 | HS | Solwezi | 1125 | 10 | HS |
| Mongu | 828 | 10 | GS | Mansa | 1269 | 1 | GS |
| Chipata | 855 | 10 | GS | Kabwe | 1458 | 1 | GS |

**FM:** Lusaka & Kitwe, both 92.2MHz 5kW; Ndola 94.5MHz 0.1kW (all GS).
**SHORTWAVES:** Lusaka (G.C: 28.15E/15.30S).

| kHz | kW | Sce | kHz | kW | Sce | kHz | kW | Sce |
|---|---|---|---|---|---|---|---|---|
| 4910 | 50 | HS | 7220 | 50 | HS | 11880 | 50 | ES |
| 6060 | 50 | GS | 7250* | 120 | GS | 17895 | 50 | ES |
| 6165* | 20 | HS | 9505 | 50 | ES | | | |

*) irr.

**GENERAL SERVICE (English/Vernaculars):**
On MW/6060kHz + FM: 0355-2105 (Fri/Sat 2205).
**Bemba or Nyanja:** 0445-0645 (Sun), 0615-0800 & 1400-1600 (Mon-Fri), 0625-0800 (Sat). Other times **English.**
**N. in English:** 0400, 0500 (W), 0600 (W), 0700 (Sun), 0800 (W), 1000, 1115, 1600, 1800, 2000, 2100.
**HOME SERVICE (English/Vernaculars):**
On MW/6165kHz + FM: 0355-2105 (Fri/Sat 2205); On 4910kHz: 0355-0530, 1530-2105 (Fri/Sat 2205); On 7220kHz: 0530-1530.
**N. in English** (relay Gen. Sce.): 0500 (W), 1115, 1800.

**EXTERNAL SERVICE**
**To Central and Southern Africa** in English and Vernaculars: 0450-0730 (Sun) on 11880kHz, 1050-1230 (Sun) on 11880 (alt. 17895)kHz, 1550-2105 on 9505kHz (all tr's irr.). **N:** W 1600, 1800, 2000; Sun 0700, 1115, 1600, 1800, 2000.
**ANN:** HS: "Kuno ku Home Sce. ya R. Zambia ku Lusaka'. ES: "Zambia Broadc. Sces, this is the External Sce. of R. Zambia transmitting from Lusaka"; GS: "This is the General Sce. of R. Zambia" or "ZBS Radio, Lusaka".
**INT-SIG:** "Call of the Fish Eagle" — **V.** by QSL-card.(B).

## ZIMBABWE

**L.T:** UTC + 2h — **Pr.L:** English, Shona, Ndebele, Chewa.
**E.C:** a/c 50, 230/240V (yes).

### ZIMBABWE BROADCASTING CORPORATION (Indep. Statutory Body) (Comm.)

**ADDR:** P.O. Box HG 444, Highlands, Harare.
**Te:** 46501. **Cable:** Broadcasts. **Telex:** 4175 ZBCHOV ZW.
**Addr:** Radio 2 Sce. (Harare): P.O. Box 9048, Harare; Radio 2 Sce. (Bulawayo): P.O. Box 2279, Bulawayo.
**L.P:** Dir. Gen: T.J. Kangai. Dir. Eng: D. Woodward. Dir. Prgrs: G. Tichatonga. Dir. Finance: O.O. Chekeche. Head R1: J. Robinson. Head R2 (Harare): V. Mhiza. Head R3: I. Kadungure. Head R4: V. Maunde. Area Manager (Bulawayo): E. Moyo.
**MEDIUMWAVES:** R1 = Radio 1 (General Sce); R2 = Radio 2 (Main Languages Sce); R3 = Radio 3 (Comm. Sce).

| Location | kHz | kW | Sce. | | kHz | kW | Sce. |
|---|---|---|---|---|---|---|---|
| Harare | 585 | 2 | R1 | Masvingo | 855 | 1 | R1 |
| Gweru | 612 | 2 | R1 | Harare | 891 | 2 | R2 |
| Bulawayo | 684 | 1.2 | R1 | Mutare | 981 | 1 | R1 |
| Gweru | 711 | 2 | R2 | Bulawayo | 1341 | 1.2 | R2 |
| Kadoma | 792 | 1 | R1 | Kwekwe | 1368 | 1 | R1 |

**FM:** R1: Harare 91.65MHz, Bulawayo 90.01MHz, Gweru 91.39MHz.
**Other FM Sces** (MHz)

| Location | kW | R3 | R2 (H) | R2 (B) | R4 |
|---|---|---|---|---|---|
| Harare | 3 | 99.55 | 95.60 | — | 103.51a |
| Mutorashanga | 5 | 92.24 | 96.20 | — | 100.16 |
| Karoi | 5 | 94.39 | 98.35 | — | 90.49 |
| Mutare | 1 | 96.03 | 92.07 | — | 99.98b |
| Kadoma | 5 | 97.75 | 93.79 | — | 101.70 |
| Rokotso | 5 | 96.63 | 92.67 | — | 100.59 |
| Masvingo | 1 | 98.95 | 95.00 | — | 102.91 |
| Gwendingwe | 1 | 96.46 | — | — | 105.83 |
| Rutenga | 5 | 92.24 | 88.29 | — | 96.20 |
| Victoria Falls | 1 | 93.10 | — | — | 101.02 |
| Mt. Darwin | 5 | — | 96.97 | — | — |
| Bulawayo | 3 | 97.92 | — | 93.96 | 101.88a |
| Gweru | 5 | 99.30 | — | 95.34 | 103.25 |
| Hwange | 5 | 92.33 | — | 96.29 | 100.24b |
| Gwanda | 5 | 96.89 | — | 94.74 | 102.65b |
| Gokwe | 5 | — | — | — | 102.31 |
| Kenmuir | — | — | — | — | 99.64 |

a) 10kW, b) 3kW.
R2 (B) = Radio 2 (Bulawayo), R2 (H) = Radio 2 (Harare).
**SHORTWAVES:** Gweru 1x10kW, 1x20kW, 2x100kW (G.C: 29.51E/19.26S).

| kHz | kW | Sce | kHz | kW | Sce |
|---|---|---|---|---|---|
| 3306v | 10/100 | R2 | 6020 | 20 | R1 |
| 3396 | 20/100 | R1 | 6045 | 10 | R4 |
| 5975 | 10/100 | R2 | | | |

**R1 in English:** 0325 (Sun 0400)-2100 (Fri/Sat 2200) on MW/FM; 0325 (Sun 0400) & 1545-2100 (Sat 2200) on 3396kHz; 0615-1545 on 6020kHz.
**N:** 0400, 0500, 0600, 0800 (Mon-Fri), 0900, 1000 (W), 1115, 1400 (Mon-Fri), 1600, 1745, 2000.
R1 tr's rel. R3 Sun-Thurs 2100-2200.
**R2 in Shona/Ndebele/English: Harare:** 0325-2020 (Sat 2050) on MW + FM; 0325-0615 and 1515-s/off on 3306kHz; 0515-1545 on 5975kHz. **N. in Shona:** 0410 (W), 0500, 0800 (Sun), 1130, 1450 (Mon-Fri), 1700, 2005.
**Bulawayo:** 0325-2020 (Sat 2050) on FM.
**N. in Ndebele:** (Both networks): 0400 (W), 0507, 0807 (Sun), 1045, 1435 (Mon-Fri), 1707, 2010.
**N. in English** (both networks): rel. R1 (see times above). Bulawayo also 1700 (local).
R2 tr's rel R3 Sun-Thurs 2020-2200.
**R3 in English:** 0300-2200 on FM. **N:** on the h.
**R4 (Educational):** Mon-Fri 0830-1830 on 6045kHz + FM (FM-tr's relay R1 at other times). **N:** English: 1115 & 1745 (rel. R1), 1815. **Shona:** 1130 (rel. R2). **Ndebele:** 1045 (rel. R2).
**ANN:** E: "This is the Zimbabwe Broadcasting Corporation" (or "Voice of Zimbabwe") R1, 2, 3 or 4". R3 also "Zimbabwe 3". R4 also "You're tuned to R4, the educational st. of the Zimbabwe Broadc. Corp."—**INT-SIG:** R1: Peal of Church Bells; R2: Local instruments: Kalimba, xylophone, drums; R3: Instrumental music. R4: Guitar music.
**V.** by QSL-card — **PUB:** "Look & Listen (R1/2/3 + TV) (weekly). "Radio Post" (R2 + TV) monthly — **ALF:** $5,-.
**F.PL:** R4 will discontinue 6045kHz when FM Network is completed.

**This section has been compiled using official information from the broadcasters supplemented by monitoring observations from our collaborators. The editors are always pleased to hear from readers who can assist in keeping the Africa section up-to-date.**

# NEAR AND MIDDLE EAST

## AFGHANISTAN

**L.T:** UTC + 4½h — **Pr.L:** Pushto, Dari — **E.C:** a/c 50, 220V (yes).

### RADIO AFGHANISTAN (Gov.)

**ADDR:** P.O. Box 544, Kabul. **Te:** 25241. **Cable:** Radioaf.
**STATIONS:** p = Pol-e Charkhi — t = Taluqan — f = Farah — *) tr. in USSR. Others Kabul.

HOME SERVICE

| kHz | kW | Times | kHz | kW | Times |
|---|---|---|---|---|---|
| 648t | 10 | 0125-1930 | 4740* | | 0125-1930 |
| | | 0700-1030 | 6230 | 50 | 1130-1230 |
| 657 | 25 | 0700-1700 | 7200 | 10 | 0125-1930 |
| 1278p | 100 | 0130-0430 | 9595* | | 0130-0430 |
| | | 1230-1930 | 15360* | | 0130-0430 |
| 3965* | | 0125-1700 | 17720* | | 0700-0900 |
| 4450* | | 0125-0430 | | | 1030-1200 |
| | | 0700-0900 | 21460* | | as 17720 |
| | | 1030-1230 | | | |

**D.PRGR. in Pushto/Dari:** 0125-1930. **N. in Pushto:** Sat-Thurs 0230, 0430, 0630, 1030, 1230, 1530, 1730; Fri 0230, 0430, 0730, 0930, 1130, 1330, 1530, 1730. **N. in Dari:** Sat-Thurs 0330, 0530, 0730, 0930, 1130, 1330, 1600; Fri 0330, 0530 , 0830, 1020, 1230, 1600. **Baluchi:** 0300-0330 & 1630-1700. **Nuristani:** 1100-1130. **Pashai:** 1030-1100. **Turkmen:** 1130-1230.

FOREIGN SERVICE

**STATIONS:** 1x100kW tr. °) 1x50kW tr. *) tr. in USSR.

| kHz | kHz | kHz | kHz | kHz | kHz |
|---|---|---|---|---|---|
| 4450v* | 7200° | 11700* | 11960* | 15255* | 21460* |
| 6230° | 9665* | 11805 | 15077 | 15530* | |

**Areas:** I = So. Asia; II = So. Ea. Asia & Far East; III = Middle East; IV = Europe.

| Arabic | Area | kHz | German | Area | kHz |
|---|---|---|---|---|---|
| 1700-1730 | III | 11700, 15077 15530 | 1830-1900 | IV | 9665, 11960 15077 |
| **Dari** | | | **Pushto** | | |
| 1530-1630 | I | 4450, 6230 11960, 15255 | 1430-1530 | I | 4450, 6230 11960, 15255 |
| 1630-1700 | I | 4450, 11960 15255 | 1730-1800 | IV | 9665, 11960 15077 |
| 1800-1830 | IV | 9665, 11960 15077 | **Russian** | | |
| | | | 1630-1700 | | 11805 |
| **English** | | | **Urdu** | | |
| 0900-1030 | II | 4450, 6230 15255, 21460 | 1230-1330 | I | 4450, 11960 15255 |
| 1900-1930 | IV | 9665, 11960 15077 | 1330-1430 | I | 4450, 6230 11960, 15255 |
| **French** | | | | | |
| 1930-2000 | IV | 7200, 15077 | | | |

**ANN:** Pushto: "Da R. Afghanistan Kabul Dai". Dari: "Injá rādyu Afghānistān Kābūl ast".
**INT-SIG:** A record on national flute.
**V.** by QSL-card. Rec. acc. Rp.

## BAHRAIN

**L.T:** UTC + 3h — **Pr.L:** Arabic — **E.C:** a/c 50, 230V.

### BAHRAIN BROADCASTING STATION (Gov.)

**ADDR:** P.O. Box 253, Manama. **Te:** 681811 (Arabic Sce), 713581 (English Sce.)
**L.P:** St. Mgr's: Hassan Kamal (Arabic Sce.), Ahmed Sulaiman (English Sce.)
**MEDIUMWAVES:** Manama 612/801kHz 100kW, 1584kHz 1kW.
**FM:** 96.5MHz 2.5kW, 101MHz 0.3kW.
**D.PRGR: Arabic:** 0300-2100 on 612/801kHz.
**English Ch. 1:** 0300-2110 on 1584kHz + 96.5MHz. **N:** 0330, 0430, 0600, 0900, 1100, 1300, 1500, 1800, 2100.
**English Ch. 2:** 0300-2110 on 101MHz. **N:** as Ch. 1.
**ANN:** Arabic: "Huna al Bahrain" — **INT-SIG:** Local composition on guitar and violin — **V.** by letter (B).
**F.PL:** Power increase on 101MHz.

## CYPRUS

**L.T:** UTC + 2h — **Pr.L:** Greek, English, Turkish, Armenian, Arabic
**EC:** a/c 50, 240V.

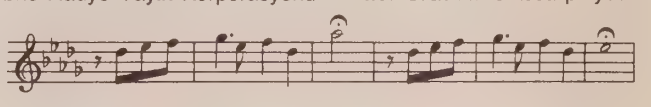
### CYPRUS BROADCASTING CORPORATION

(An independent body created by special Law, and operates under the provisions of this law).
**ADDR:** P.O. Box 4824, Nicosia. **Te:** 22231. **Cable:** Broadcasts. **Telex:** 2333.
**L.P:** Dir. Gen: D. Kyprianou. Chief Eng: P.T. Astreos. Dir. Prgr: Ch. Papadopoulos. Head of Radio Prgr: T. Thomas. Head of TV Prgr: P. Ioannides. Head of News: A. Kyriacou. Int. Affairs: George Lanitis.

| STATIONS | kHz | kW | | kHz | kW |
|---|---|---|---|---|---|
| Nicosia | 603 | 20 | Paphos | 918 | 2 |
| Nicosia | 692 | 20 | Limassol | 1584 | 1 |

**FM** (20kW ERP, Stereo): Mt. Olympos 94.8/97.2MHz.

**HOME SCE: 1st Prgr. in Greek:** 0400-2205 on 692/918/1584kHz + 97.2MHz. **N:** 0430, 0530, 0800, 1000, 1130, 1400, 1500, 1600, 1730, 2000, 2100, 2200.
**2nd Prgr:** 0430-1730 on 603kHz/94.8MHz. **Turkish:** 0430-0600, 1000-1130, 1400-1730. **N:** 0530, 1130, 1645 — **English:** 0600-0700 (W), 1130-1230. **N:** 0630 (W), 1200 — **Armenian:** 1300(Sun 1230)-1400. **N:** 1315 (Sun/Tues/Fri) — **Music:** 0700 (Sun 0600)-1000 — **Prgrs for Tourists** (summer only) in English/German/Swedish/French/Arabic: W. 0500-0700.
**INTERNATIONAL SCE:** on 603kHz/94.8MHz: 1730-2200 in Arabic/English/French. **N. in English:** 1730.
**SHORTWAVE SCE. in Greek** (to the U.K.): 2215-2245 (Fri/Sat/Sun) via BBC relay st. on 6030/7130kHz.
**ANN:** Greek: "Radiofonikon Idryma Kyprou". Turkish: "Burasi Kibris Radyo Yayin Korporasyonu" — **INT-SIG:** Avkoritssa played



on Guitar — **V.** by QSL-card. Rec. acc. (B) — **Fl:** Gov. subsidized, Comm. adv. income — **AD:** 30 min. daily.

### R. MONTE CARLO MIDDLE EAST (Comm.)

**ADDR:** B.P. 2026, Nicosia. **Telex:** 2162 SOMERA C.
**L.P:** St. Mgr: M. Pavlides.
**STATION:** Cape Greco: 1233kHz 600kW.
**D.PRGR. in French, Arabic:** 0400-2100.
**N. in Arabic:** On the h, plus 0530, 2030. **N. in French:** 0630, 1030, 1830.
**ANN:** French: "R. Monte Carlo", Arabic: "Huna Monte Carlo" — **V.** Reports to B.P. 128, Monte Carlo; Listeners' Requests to B.P. 2026, Nicosia.

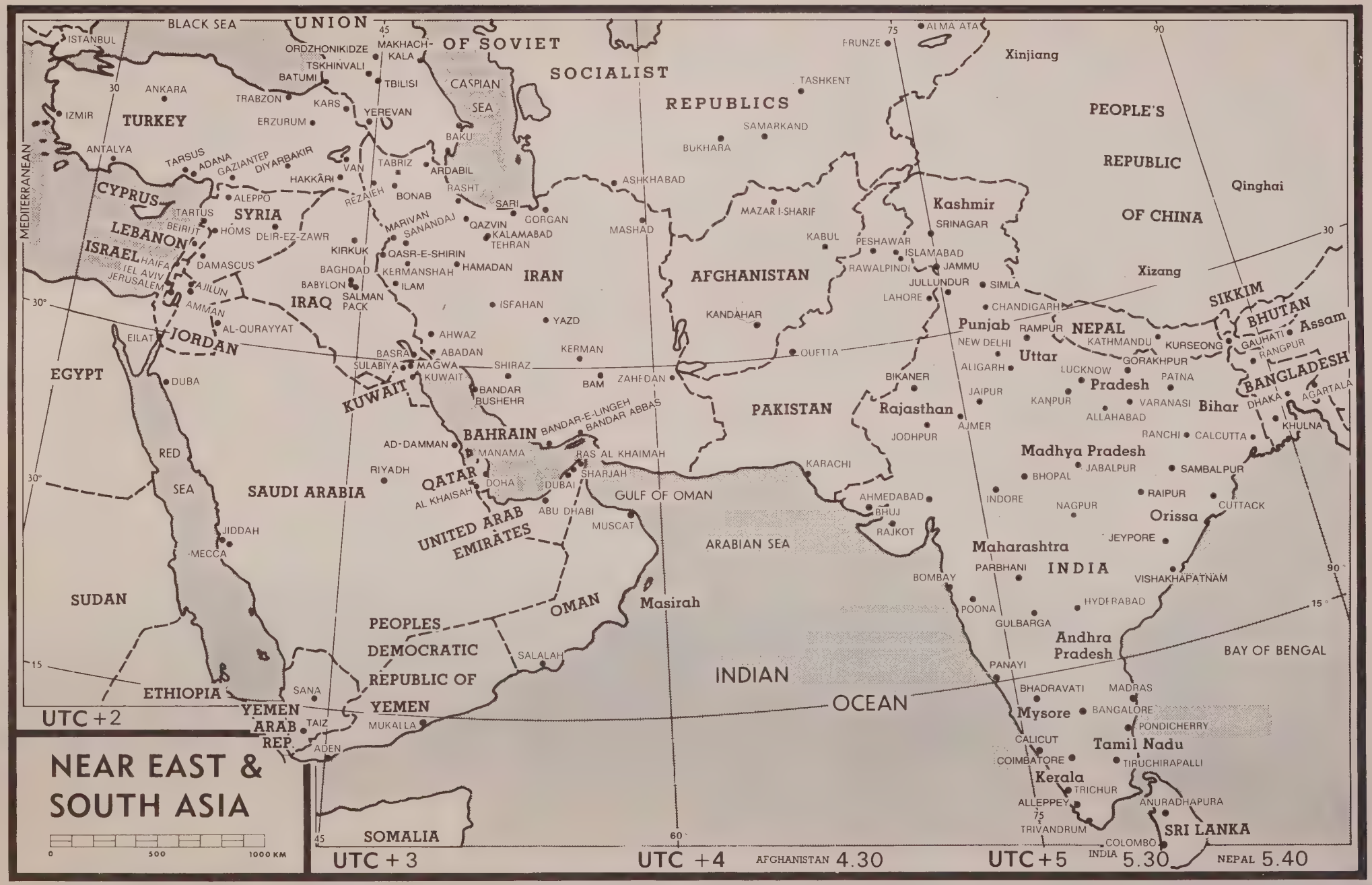
**RELAY OF TRANS WORLD RADIO:**
0245-0330, 2115-2200. **Arabic:** 0245-0300, 0300-0315 (Mon-Thurs), 2130-2200 — **Armenian** 0315-0330 — **English** 2115-2130 — **Farsi** 0300-0315 (Fri/Sat/Sun).
**ANN:** (TWR-prgrs): "This is Trans World Radio" — **INT-SIG:** Flute. **V.** by letter (re. to B.P. 349, MC 98007 Monte Carlo).

### BRITISH FORCES BROADC. SCE. CYPRUS

is operated for the Ministry of Defence by the Services Sound and Vision Corporation, which has charitable status. It provides a service of entertainment, information and education as well as a link with home for HM Forces in Cypus. It is non-comm, does not accept adv.
**ADDR:** BFBS Cyprus, BFPO 58. **Te:** 041-53000. **Telex:** 2853.
**L.P:** Gen. Mgr: K.J.P. Doherty. Eng. Mgr: P. Attrill.

| STATIONS: | kHz | kW | MHz | kW |
|---|---|---|---|---|
| Dhekelia | 1044 | 1 | 99.6 | 25 |
| Akrotiri | 1089 | 10 | 92.1 | 25 |
| Nicosia | 1503 | 1 | 89.4 | 1.5 |

**D.PRGR:** 24h.
**N:** (BBC World Sce. & General News Sce): W 0400-1200 on the h, 1530, 1600, 1800, 2000; Sun 0400-0800 on the h, 1100, 1600,


NEAR EAST & SOUTH ASIA
0 500 1000 KM
UNION OF SOVIET SOCIALIST REPUBLICS
BLACK SEA
CASPIAN SEA
MEDITERRANEAN
RED SEA
ARABIAN SEA
GULF OF OMAN
INDIAN OCEAN
BAY OF BENGAL
TURKEY
CYPRUS
SYRIA
LEBANON
ISRAEL
JORDAN
IRAQ
IRAN
KUWAIT
SAUDI ARABIA
BAHRAIN
QATAR
UNITED ARAB EMIRATES
OMAN
YEMEN ARAB REP.
PEOPLES DEMOCRATIC REPUBLIC OF YEMEN
EGYPT
SUDAN
ETHIOPIA
SOMALIA
AFGHANISTAN
PAKISTAN
INDIA
NEPAL
BHUTAN
SIKKIM
BANGLADESH
SRI LANKA
PEOPLE'S REPUBLIC OF CHINA
Xinjiang
Qinghai
Xizang
Kashmir
Punjab
Uttar Pradesh
Bihar
Assam
Rajasthan
Madhya Pradesh
Orissa
Maharashtra
Andhra Pradesh
Mysore
Tamil Nadu
Kerala
UTC +2
UTC +3
UTC +4
UTC +5
AFGHANISTAN 4.30
INDIA 5.30
NEPAL 5.40
ISTANBUL
ANKARA
IZMIR
ANTALYA
TARSUS
ADANA
GAZIANTEP
DIYARBAKIR
TRABZON
ERZURUM
KARS
YEREVAN
TBILISI
BATUMI
TSKHINVALI
ORDZHONIKIDZE
MAKHACH-KALA
BAKU
VAN
HAKKÂRI
TABRIZ
ARDABIL
RASHT
SARI
GORGAN
QAZVIN
KALAMABAD
TEHRAN
HAMADAN
ILAM
KERMANSHAH
QASR-E-SHIRIN
KIRKUK
BAGHDAD
BABYLON
SALMAN PACK
MARIVAN
SANANDAJ
REZAIEH
BONAB
ALEPPO
TARTUS
HOMS
BEIRUT
DEIR-EZ-ZAWR
DAMASCUS
HAIFA
TEL AVIV
JERUSALEM
AJLUN
AMMAN
AL-QURAYYAT
EILAT
DUBA
JIDDAH
MECCA
SANA
TAIZ
ADEN
MUKALLA
SALALAH
MASIRAH
MUSCAT
ABU DHABI
DUBAI
SHARJAH
RAS AL KHAIMAH
DOHA
AL KHAISAH
MANAMA
AD-DAMMAN
RIYADH
KUWAIT
BASRA
SULABIYA
MAGWA
ABADAN
AHWAZ
ISFAHAN
YAZD
KERMAN
SHIRAZ
BAM
ZAHEDAN
BANDAR BUSHEHR
BANDAR-E-LINGEH
BANDAR ABBAS
ASHKHABAD
MASHAD
MAZAR I-SHARIF
KABUL
KANDAHAR
QUETTA
PESHAWAR
RAWALPINDI
ISLAMABAD
JAMMU
SRINAGAR
LAHORE
JULLUNDUR
SIMLA
CHANDIGARH
NEW DELHI
RAMPUR
ALIGARH
BIKANER
JAIPUR
JODHPUR
AJMER
KARACHI
AHMEDABAD
BHUJ
RAJKOT
BOMBAY
POONA
GULBARGA
PARBHANI
PANAYI
BHADRAVATI
MADRAS
BANGALORE
PONDICHERRY
CALICUT
COIMBATORE
TIRUCHIRAPALLI
TRICHUR
ALLEPPEY
TRIVANDRUM
COLOMBO
ANURADHAPURA
KATHMANDU
KURSEONG
GAUHATI
RANGPUR
GORAKHPUR
LUCKNOW
PATNA
KANPUR
VARANASI
ALLAHABAD
RANCHI
CALCUTTA
DHAKA
AGARTALA
KHULNA
BHOPAL
JABALPUR
SAMBALPUR
INDORE
NAGPUR
RAIPUR
CUTTACK
JEYPORE
VISHAKHAPATNAM
HYDERABAD
ALMA ATA
FRUNZE
TASHKENT
SAMARKAND
BUKHARA

1800, 2000.
**ANN:** "This is the British Forces Broadc. Sce. Cyprus."
**INT-SIG:** "Force One" (Raymonde), light orchestra.
**V.** by QSL-folder. Rp. (B) but only from outside Europe.
**PUB:** "Listen Out".

### BBC EAST MEDITERRANEAN RELAY

**ADDR:** P.O. Box 209, Limassol.
**MW:** 2×500kW, 1×200kW tr's — **SW:** 2×20, 4×100, 4×250kW tr's.

| kHz | kHz | kHz | kHz | kHz | kHz | kHz |
|---|---|---|---|---|---|---|
| 639 | 6120 | 7160 | 9590 | 9660 | 11760 | 15435 |
| 720 | 6130 | 7210 | 9600 | 9735 | 11845 | 17740 |
| 1323 | 6180 | 7230 | 9610 | 9750 | 11900 | 17780 |
| 3990 | 6195 | 7260 | 9615 | 9760 | 11945 | 17885 |
| 6030 | 7105 | 7285 | 9625 | 11720 | 15420 | 21640 |
| 6050 | 7135 | 9515 | 9635 | 11740 | 15430 | 21660 |
| 6070 | 7140 | 9580 | 9645 | 11750 | | |

Relays of BBC Arabic and Persian Services and World Service on mediumwave 639, 720 and 1323kHz. Full details of tr's on MW and SW are included in the BBC schedule under United Kingdom.

## TURKISH ZONE

**L.T:** UTC + 2h (Su: UTC + 3h) — **Pr.L:** Turkish, English, Greek, Arabic.

### BAYRAK RADIO & TELEVISION (Gov.)

**ADDR:** Atatürk Square, Lefkoşa, via: Mersin 10, Turkey. **Te:** 76159.
**L.P:** Dir. Gen: D. Ö. Berkem. Broadc. Dir: H. N. Erkman. Dir. Tec: Y. Gazi. Dir. Admin: S. Türem.

| MEDIUMWAVES | kHz | kW | | kHz | kW |
|---|---|---|---|---|---|
| Yeni Iskele | 1098 | 50 | Yeni Iskele | 1494 | 10 |

**SHORTWAVE:** Yeni Iskele (G.C: 33.20E/35.12N) : 6150vkHz 7.5kW.

| FM | MHz | kW | | MHz | kW |
|---|---|---|---|---|---|
| Sinan Dağ | 87.8° | 32 | Sinan Dağ* | 98.1° | 32 |
| Sinan Dağ | 90.6 | 32 | Lefkosa | 102.0 | 0.1 |
| Lefkosa | 92.0 | 0.1 | Lefkosa | 105.0 | 0.1 |

°) stereo.
**D.PRGR: Prgr. 1** in Turkish on 1098kHz + 90.6/102MHz: 0430-2200. **N:** 0515, 0600, 1130, 1630, 2030.
**Prgr. 2** in Turkish/Greek/English/Arabic on 1494/6150vkHz + 87.8/92/105MHz: 1000-2100. **N. in English:** 1215, 1730.
**Prgr. 3** on 98.1MHz: 1000-2100 (test transmission, rel. of prgr. 2).
**ANN:** E: "This is R. Bayrak, the Voice of the Turkish Republic of Northern Cyprus – **V.** by QSL-folder (B).
**F.PL:** 100kW on 1494kHz, 300kW SW-tr, 3×100kW FM trs. for western part of the island.

### CAMBULAT RADIO

**ADDR:** Famagusta.
**STATION:** 1353vkHz. 7.5kW.
**D.PRGR:** 0630-1700 (mainly music prgrs).
**ANN:** "Burasi Magusa Djamoulat Radyosu".

# IRAN

**L.T:** UTC+3½h — **Pr.L:** Farsi (Persian).
**E.C:** a/c 50, 220V(yes).

### ISLAMIC REPUBLIC OF IRAN BROADCASTING (IRIB) (Gov.)

**ADDR:** P.O. Box 19395-1774, Tehran.
**Te:** 21961. **Telex:** 212431. **Cable:** IRIB.
**L.P:** Dir.Gen: M. Hashemi. Dep.Dir.Gen's: M.E. Harandian (Tech), M. Farahani (Admin/Financial), M.H. Zoragh (Political), Dr. A. Gh. Ghasemzadeh (Ext.), M. Tabeshian (Int. Affairs).

| MEDIUMWAVES | kHz | kW | | kHz | kW |
|---|---|---|---|---|---|
| Iranshahr | 531 | 20 | Mashhad | 684* | 100 |
| Mashhad | 540 | 200 | Rasht | 702 | 100 |
| Gheslagh | 558* | 1000 | Khorammabad | 711 | 20 |
| Abadan | 580 | 600 | Tayebad | 720* | 400 |
| Qasr-e-Shirin | 612 | 400 | Mashhad | 738 | 10 |
| Birjand | 621 | 20 | Bandar | 747a | 800 |
| Bonab | 639* | 400 | Turkamen | | |
| Chahbahar | 765* | 1200 | Yasuj | 1143 | 20 |
| Zahedan | 777 | 100 | Tabriz | 1152 | 100 |
| Rezaiyeh | 801 | 10 | Damghan | 1170 | 2 |
| Sari | 819 | 20 | Tehran | 1188 | 100 |
| Shiraz | 837 | 400 | Moghan | 1197 | 20 |
| Damghan | 846 | 2 | Chalus | 1215 | 20 |
| Mahabad | 882 | 10 | Sari | 1251 | 20 |
| Yasuj | 891 | 20 | Kermanshah | 1278 | 200 |
| Jiroft | 918 | 20 | Ardabil | 1314 | 20 |
| Bojnurd | 927 | 20 | Jolfa | 1323 | 20 |
| Oromieh | 936 | 10 | Tehran | 1332 | 100 |
| Marivan | 945 | 20 | Bandar-Abbas | 1350 | 10 |
| Birjand | 963 | 20 | Ahwaz | 1386 | 400 |
| Ilam | 972 | 10 | Kermanshah | 1422 | 100 |
| Kermanshah | v985 | 100 | Bandar- | | |
| Shiraz | v990* | 400 | Turkamen | 1449b* | 800 |
| Semnan | 1008 | 20 | Isfahan | v1467 | 200 |
| Tabriz | 1026 | 100 | Sanandaj | 1476 | 20 |
| Yazd | 1035 | 20 | Shahr-E-Kord | 1485 | 2 |
| Kerman | 1062 | 20 | Bushehr | 1503 | 100 |
| Abadan | 1080* | 600 | Yazd | 1530 | 20 |
| Zabol | 1098 | 200 | Khash | 1539 | 2 |
| Bandar Lengeh | 1116 | 125 | Bandar-Abbas | 1566 | 100 |
| Ahwaz | 1125 | 10 | Isfahan | 1593 | 100 |
| Bojnurd | 1134 | 20 | Zanjan | 1602 | 2 |

*) carries Ext.Sce — a) daytime, b) nighttime.

| SHORTWAVES | kHz | kW |
|---|---|---|
| Kalamabad | 3779 | 100 |

| FM-Stations | MHz | kW (ERP) | | MHz | kW (ERP) |
|---|---|---|---|---|---|
| Mashhad | 88.1 | 13 | Tehran | 97.7 | 96 |
| Maharlu | 88.3 | 9 | Ghazvin | 98.1 | 12.5 |
| Tabriz | 89.9 | 9 | Ziba Kenar | 98.7 | 80 |
| Kuh Panah | 90.5 | 20 | Khosrow Abad | 100.1 | 180 |
| Marshinan | 91.1 | 96 | Tehran | 100.7 | 193 |
| Tehran | 91.3 | 193 | Mashhad | 100.9 | 13 |
| Ziba Kenar | 92.5 | 80 | Maharlu | 101.1 | 9 |
| Khosrow Abad | 93.5 | 180 | Marshinan | 101.3 | 96 |
| Tehran | 93.9 | 96 | Tabriz | 104.3 | 9 |
| Mashhad | 94.5 | 13 | Tehran | 104.7 | 193 |
| Maharlu | 94.7 | 9 | Ziba Kenar | 105.1 | 80 |
| Marshinan | 94.9 | 96 | Khosrow Abad | 106.3 | 180 |
| Tabriz | 96.3 | 9 | Tehran | 106.7 | 193 |
| Kuh Panah | 96.9 | 20 | | | |

+ low power st's (less than 5kW ERP) not mentioned.

#### HOME SERVICE

**1st Prgr:** 24h in Farsi on 1332kHz + FM 93.9MHz. Relayed in part by regional st's. Also carried on 3779kHz (1300-2000) and by Ext. Sce. tr's (see below).
**N:** On the half h. Main N. at 0430, 1030, 1630, 2030.
**2nd Prgr:** 24h on 1188kHz + FM 91.3MHz.
**Foreign Language Prgr:** 1230-1615 & 1730-2030 on 100.7MHz (rel. Ext. Sce) See below.
**Local Stations:** Production centres in 39 locations: Abadan, Ahwaz, Ardebil, Bakhtaran, Bam, Bandar-Abbas, Bandar Turkamen, Birjand, Bonab, Bushehr, Damghan, Darab, Esfahan, Gheslagh, Gorgan, Hamedan, Ilam, Iranshahr, Jiroft, Jolfa, Kerman, Khash, Khoramabad, Mahabad, Mako, Marivan, Mashhad, Oromieh, Rasht, Sanandaj, Saravan, Sari, Shiraz, Semnan, Shahrkord, Sirjan, Tabas, Tabriz, Tehran, Yasuj, Yazd, Zahedan and Zanjan.
**Languages:** Arabic, Armenian, Asyrian, Azari, Baluchi, Bandari, Dari, Farsi, Kurdish, Mazandarani, Pushtu, Turkamani, Turkish & Urdu.

#### EXTERNAL SERVICE

**ADDR:** International Affairs Dept, P.O. Box 19395-1774, Tehran.
**SHORTWAVES:** Kalamabad (G.C: 51.27E/35.46N): 2x100kW, 1x250kW & 1x350kW tr's.
**MEDIUMWAVES:** See Home Sce. frequency list.

| kHz | kHz | kHz | kHz | kHz | kHz |
|---|---|---|---|---|---|
| 558 | 720 | 1080 | 6105 | 7230 | 11735 |
| 639 | 765 | 1449 | 6150 | 9022 | 15084 |
| 684 | 990 | 4990v | 7215 | 9765 | 15315 |

**Areas:** I = Middle East; II = So. Asia; III = No. Africa; IV = No. America; V = USSR; VI = Europe; VII = Afghanistan/Pakistan.

| Arabic | Area | kHz | Arabic | Area | kHz |
|---|---|---|---|---|---|
| 0030-0400 | I | 6150 | 1530-2130 | I/III | 11735 |
| 0330-1300 | I | 15315 | 1615-1830 | I | 4990v |
| 0530-1330 | I | 1080 | 1630-2030 | I | 765 |
| 1530-2030 | I | 990 | | | |

| Arabic | Area | kHz |
|---|---|---|
| 1730-2030 | I | 558 |
| | III/IV/VI | 9765 |
| 2230-2330 | III/IV/ | 9022 |
| | VI | 9765 |
| | | 15084 |
| **Bengali** | | |
| 1230-1315+ | II | 15084 |
| **English** | | |
| 0100-0200 | II | 765 |
| 1330-1430 | II | 765 |
| 1930-2030+ | III/IV | 9022 |
| | VI | 9765 |
| **Farsi** | | |
| 0230-0530 | All | 9022 |
| | | 15084 |
| 0330-1500 | All | 7215 |
| 0630-1515 | All | 6105 |
| 0730-1230 | All | 15084 |
| 1315-1730 | All | 15084 |
| 1530-2130 | All | 7230 |
| 1615-1730 | All | 9022 |
| 2030-2230 | All | 9022 |
| | | 9765 |
| | | 15084 |
| 2330-0230* | All | 9022 |
| | | 9765 |
| | | 15084 |
| **French** | | |
| 0630-0730 | VI | 9022 |
| | | 15084 |

| French | Area | kHz |
|---|---|---|
| 1800-1830+ | III/IV | 9022 |
| | VI | 9765 |
| **German** | | |
| 1730-1800+ | IV/VI | 9022 |
| | | 9765 |
| **Kurdish** | | |
| 1230-1630 | I | 639 |
| 1730-1830 | I | 639 |
| **Pushtu** | | |
| 1315-1415+ | VII | 7230 |
| 1530-1630 | VII | 720 |
| **Russian** | | |
| 1515-1615+ | V | 684 |
| | | 9765 |
| 1630-1730 | V | 1449 |
| **Spanish** | | |
| 0530-0630 | VI | 9022 |
| | | 15084 |
| **Turkish** | | |
| 1830-1930+ | I/IIII | 639 |
| | VI | 9022 |
| | | 9765 |
| **Urdu** | | |
| 0200-0300 | II | 765 |
| 1415-1515+ | II | 7230 |

*) for Iranians abroad. others relay Home Sce. 1.

**Relays of Ext. Sce. by local FM tr's:**
**Arabic:** 0330-2030 on 97.7MHz (Tehran), 93.3MHz (Ahvaz), 103MHz (Bandar Abbas)
**Armenian:** 1615-1730 on 100.7MHz (Tehran), 95.5MHz (Isfahan). This sce. only carried on FM.
**Tehran 100.7MHz** relays foreign sce. prgrs marked +) above.
**ANN:** E: "This is Tehran the Voice of the Islamic Republic of Iran"; Persian: "Injā Tehrān ast, sedā-ye jomhūri-ye eslāmi-ye Irān"; F: "Ici Tehran la Voix de la République Islamique de l'Iran"; R: "Govorit Tegeran, Golos Islamskoy Respubliki Iran"; Turk: "Burasi Tehran, Iran Islam Gümhuriyetinin Sesi Radyosu"; Arabic: "Huna Tehran saut al-ğumhuriyati-l-islamiyya al-Iraniyya".
**V.** By QSL-card. Rec. Acc. (B).
**PUB:** "Soroush"—weekly magazine in Farsi. Monthly editions in Arabic, English and French. Books in Farsi, Arabic, English, French, German, Kurdish, Pushtu, Russian, Spanish, Turkish & Urdu.

### RADIO NAFT-E-MELLI N.I.O.C.

**ADDR:** Braim, Abadan. **Te:** 5625
**STATION:** 1160kHz 10kW.
**D.Prgr:** 0130-2230 in Farsi & Arabic.
**N** (relay Tehran): 0430, 1030, 1630, 2030.
**Local N:** 0630, 1330
**Relay R. Tehran Ext. Sce. in Arabic:** 1730-2030.
**NB:** This st. is controlled by IRIB.

## IRAQ

**L.T:** UTC + 3h (Su: UTC + 4h) — **Pr.L:** Arabic, Kurdish, Turkuman, Assyrian — **E.C:** a/c 50, 220/380V (yes).

### BROADCASTING SERVICE OF THE REPUBLIC OF IRAQ

**ADDR:** Iraqi Broadcasting and TV Establishment, Salihiya, Baghdad. **Te:** 31151-9. **Cable:** Ida'ah. **Telex:** 2446 Ida'ah IK.
**L.P:** Dir. Gen: Hamid Said. Dir. Tec: M.F. Rashid.
**STATIONS: Mediumwaves:** *Hurriyah.

| Location | kHz | kW | Prgr | | kHz | kW | Prgr |
|---|---|---|---|---|---|---|---|
| Rutba | 558 | 300 | I | Basrah | 692 | 600 | II |
| Nineva | 603 | 300 | I | Baghdad* | 756 | 300 | I |
| Kirkuk | 630 | 20 | + | Misan | 846 | — | FS |
| Baghdad* | 909 | 300 | II | ? | 1224 | 50 | FS |
| Babylon | 1035 | 1000 | II/FS | Kirkuk | 1360 | 120 | K |
| Rutba | 1116 | 300 | II | ? | 1552 | — | — |
| Nineva | 1197 | 300 | II/FS | | | | |

K = Kurdish, +) Turkuman/Assyrian, FS = Foreign Sce.
**Shortwaves:** a) Abu Ghraib (G.C: 44.15E/33.19N); b) Babylon (G.C: 44.30E/32.30N); c) Salman Pak (G.C: 44.35E/33.09N); d) Salah el Deen (G.C: 44.10E/33.58N).

| kHz | kW | kHz | kW | kHz | kW | kHz | kW |
|---|---|---|---|---|---|---|---|
| 3130v | 50 | 7270d | 500 | 9665d | 500 | 11815c | 100 |
| 3367c | 50 | 9505a | 250 | 9680d | 500 | 13700d | 500 |
| 6100a | 250 | 9520a | 250 | 9690a | 250 | 15195d | 500 |
| 6170c | 100 | 9555c | 50 | 9745a | 250 | 15400a | 250 |
| 7150d | 500 | 9585b | 500 | 11750d | 500 | 17720a | 250 |
| 7180a | 250 | 9610a | 250 | 11765b | 500 | 17770d | 500 |
| 7240c | 100 | 9635d | 500 | 11785d | 500 | 21585b | 500 |

#### HOME SERVICE

**Main Arabic Prgr:** 0230-2330 on MW.
**(Voice of the Masses:** 0230-2330 on 693/909kHz; 0230-1800 & 2140-2330 on 1035kHz; 0230-0530, 1000-1600 & 2200-2330 on 1197kHz. **Rel. on SW:** 3130vkHz (1545-2000), 6170kHz (0330-0400), 7150kHz (1400-2200), 7240kHz (0230-0800, 1400-2330), 7270kHz (1400-2200), 9505kHz (0300-0900, 1100-1530), 9520kHz (0400-0800, 1500-2330), 9585kHz (0530-1300, 1630-2330), 9635kHz (1400-2200), 9665kHz (1400-2200), 9680kHz (1400-2200), 9690kHz (0600-0900, 1700-2330), 11745kHz (1400-2200), 11750kHz (0530-1300, 1630-2330), 11785kHz (1400-2200), 11815kHz (0230-1730), 13700kHz (1400-2200), 15195kHz (1400-2200), 15400kHz (0300-1800), 17720kHz (0500-0800, 1600-2330), 17770kHz (1400-2200), 21585kHz (1200-2230).
**Kurdish:** 0300-0855, 1230-2300 on 1360kHz.
**Turkuman:** 1030-1400 on 630/3367kHz.
**Assyrian:** 1400-1600 on 630/3367kHz.

#### FOREIGN SERVICE

**Areas:** I = Near & Middle East; II = Europe; III = No. America; IV = Asia; V = Syria; VI = Egypt.

| Arabic | Area | kHz | Hebrew | Area | kHz |
|---|---|---|---|---|---|
| 1600-2230 | II | 9745 | 1530-1630 | I | 9505 |
| 1600-1700 | I | 1116 | **Kurdish** | | |
| 1800-2000 | V | 1035 | 1600-1700 | I | 6100 |
| 2000-2140 | VI | 1035 | **Persian** | | |
| 2230-0230 | III | 9745 | 0530-1000 | I | 846, 1197 |
| | | 21585 | 1600-1900 | | 1224, 3367 |
| **Azeri** | | | | | 7180, 9555 |
| 1900-2000 | I | 3367 | 1900-2000 | I | 846, 1197 |
| **English** | | | | | 1224, 7180 |
| 2130-2230* | II | 9610 | | | 9555 |
| 0300-0400* | III | 21585 | 2000-2200 | I | 846, 1197 |
| **French** | | | | | 1224, 3367 |
| 1930-2030* | II | 9610 | | | 7180, 9555 |
| **German** | | | **Urdu** | | |
| 2030-2130* | II | 9610 | 1300-1400 | IV | 9690 |

*) one hour earlier in Su.
**ANN:** Arabic: "Idha'atu-l-ğumhuriya al-'iraqiyya fi Baghdad". ("The Broadcasting Service of the Iraqi Republic in Baghdad"). E: "This is R. Baghdad". Prgr. II: "Saut al-ğamahir, min Baghdad" — **INT-SIG:** Soft chirps of a mechanical nightingale — **V.** by QSL-folder.

## ISRAEL

**L.T:** UTC + 2h — **Pr.L:** Hebrew, Arabic — **E.C:** a/c 50, 230/400V (yes).

### MINISTRY OF COMMUNICATIONS

**ADDR:** 91 999 Jerusalem. **Cable:** Gentel.
**L.P:** Dir. Gen. Eng: Z. Zilker. Dir. Eng: E. Nissim, P.O. Box 29107, Tel Aviv. 61290. **Te:** (2) 610211. **Telex:** 33818.

### BEZEQ — The Israel Telecommunication Corp. Ltd.

**ADDR:** P.O. Box 29555, Tel Aviv 61290. **Te:** (3) 610211. **Telex:** 341400.
**L.P:** Man. Dir: Z. Amid. Dep. Dir. (Eng. & Planning): Eng. Y. Siev. Eng. Radio & TV Broadc. Division: Eng. J. Nitsan.

## ISRAEL BROADCASTING AUTHORITY

**ADDR:** P.O. Box 6387, Jerusalem. **Te:** 222121. **Telex:** 26488. Main Studios: Heleni Hamaika 21, P.O. Box 1082.
**Te:** 215111. **Cable:** Kolisrael. **Telex:** 25263.
**L.P:** Chairman: Micha Yinon. Dir. Gen: Uri Porath. Asst. Dir. Gen: Ron Nakhman. Dir. Radio: Gideon Lev-Ari. Dir. TV: T. Sa'ar. Dir. Eng (Radio): Y. Taragan. Dir. External Sces: Victor Grajewsky. Dir. Liaison Coordination (Radio): T. Keenan. Dir. Foreign Rel. & Transcription Sces: Hannah Lieblein.

**STATIONS: Mediumwaves**

| | kHz | kW | Prgr. | | kHz | kW | Prgr. |
|---|---|---|---|---|---|---|---|
| Jerusalem | 531 | 200 | C | Eilat | 927 | 1 | B |
| Tel Aviv | 576 | 200 | A | Tel Aviv | 1026 | 50 | D |
| Tel Aviv | 657 | 200 | B | Jerusalem | 1080 | 5 | B |
| Jerusalem | 675 | 20 | D | Jerusalem | 1140 | 10 | A |
| Tel Aviv | 738 | 1200 | D+E | Haifa | 1206 | 50 | B |
| Safad | 846 | 5 | B | Eilat | 1458 | 1 | A |
| Bet Hillel | 882 | 1 | B | | | | |
| **FM:** | **MHz** | **kW** | **Prgr.** | | **MHz** | **kW** | **Prgr.** |
| Beersheva | 88.8 | 0.6 | M | Mitzpe | | | |
| Haifa | 89.4 | 10 | M | Ramon | 98.7 | 1 | B |
| Eitanim | 91.3 | 10 | M | Eilat | 99.3 | 0.1 | B |
| Mitzpe | | | | Manara | 100.5 | 0.1 | B |
| Ramon | 94.2 | 0.1 | M | Grofit | 100.8 | 0.1 | M |
| Manara | 94.8 | 0.1 | M | Safad | 101.1 | 1 | B |
| Eitanim | 95.5 | 40 | B | Kokhav | | | |
| Safad | 96.9 | 1 | M | Hayarden | 101.7 | 0.1 | B |
| Kokhav | | | | Eilat | 102.9 | 0.1 | M |
| Hayarden | 97.2 | 0.1 | M | Haifa | 103.2 | 40 | B |
| Grofit | 97.2 | 1 | B | Beersheva | 103.8 | 6 | B |

**HOME SCE: PRGR. "A":** 0400-2315.
**English:** 0500-0515, 1100-1130, 1800-1815. **French:** 0515-0530, 1130-1200, 1815-1830. **Prgrs for immigrants:** 1535-1800. Other times in Hebrew.
**Prgr. "B" (Commercial):** 0400 (Sat 0500)-2315. **N:** On the hour.
**Prgr. "C" (Commercial):** Pop and light music 0400 (Sat 0500)-2315.
**Prgr. "D"** in **Arabic:** 0400-2215.
**Voice of Music:** 0400 (Sat & holidays 0500)-2215 in stereo.
**ANN:** Prgr. "A": "Kolyisrael Mi Yreushalayim b'Reshet Aleph". Prgr. "B": Kolyisrael b'Reshet Bet". Prgr. "C": "Kolyisrael b'Reshet Gimel". Prgr. "D": "Dar el Erza'a il Israeliya, Min Urshalem-El Kuds". Voice of Music: "Kol Ha'Musica".
**Shortwaves:** 1×20, 5×45, 3×75, 1×100, 1×150, 4×300kW trs.

| kHz | kHz | kHz | kHz | kHz | kHz | kHz |
|---|---|---|---|---|---|---|
| 5915 | 7465 | 9815 | 12025 | 15485 | 17555 | 17815 |
| 7395 | 9009 | 9920 | 12080 | 15585 | 17630 | 21625 |
| 7412 | 9385 | 11583 | 13720 | 15615 | 17710 | 25640 |
| 7415 | 9440 | 11655 | 15105 | 15645 | | |

**Target Areas:** I=Europe, Middle East; II=Iran; III=So. & Ea. Asia, Australia, New Zealand; IV=So. Africa; V=So. France, No. Africa, Latin America; VI=We. Africa; VII=No. America, We. Europe.
**Seasons:** D=Nov-Feb; M+S=Mar/Apr + Sep/Oct; J=May-Aug.

**HOME SERVICE (Prgr. "B") in Hebrew**

| Times | Season | kHz |
|---|---|---|
| 0400-0610 | D | 7395/7465/9385/9920 |
| | M+S | 7465/9385/9920/11583 |
| | J | 9385/11583/13720 |
| 0615-1100 | D | 11583/15615/17555/17630 |
| 1100-1400 | All | 11583/15105/15615/17555/17630 |
| 1400-1955 | All | 11583/15105/15615/17555 |
| 2000-2315 | All | 7465/9385/11583/13720 |

**Prgr. "D" in Arabic:** 0400-2215 on 5915kHz (for Europe/Middle East).

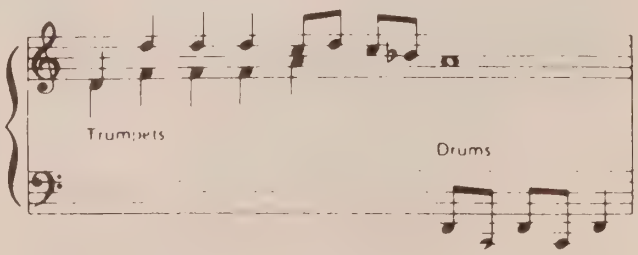
**EXTERNAL SERVICE**
**ADDR:** P.O. Box 1082, Jerusalem.

| English | Area | Season | kHz |
|---|---|---|---|
| 0000-0030 | I/V/VII | All | 7412/9440/9815/11655/15585 |
| 0100-0125 | I/V/VII | All | As English 0000 |
| 0200-0225 | I/V/VII | All | 7412/9440/9815/11655 |
| 0500-0515 | I/VII | D | 9009/9440/9815 |
| | | M+S | 9009/9815/11655 |
| | | J | 9009/9440/9815/11655 |
| | III | All | 21625 |
| 1100-1130 | I | All | 11655/15585/17630 |
| | III | All | 15645 |
| | VII | All | 17630 |
| 1800-1815 | VII | All | 9385/11583 |

| English | Area | Season | kHz |
|---|---|---|---|
| 2000-2030 | I/VII | D | 7412/9440/9815 |
| | | M+S | 9440/9815/11655 |
| | | J | 9815/11655/15585 |
| | VI/IV | All | 9009/12080 |
| 2230-2300 | I/VII | All | 7412/9440/9815 |
| | I/V | All | 12025/15585 |
| **French** | | | |
| 0515-0530 | | | As English 0500 |
| 1130-1200 | | | As English 1100 |
| 1815-1830 | | | As English 1800 |
| 2200-2230 | | | As English 2230 |
| **Hebrew** | | | |
| 0030-0100 | | | As English 0000 |
| 1830-1900 | | | As Russian 1900 |
| 2300-2325 (easy Hebrew) | | | As English 2230 |
| **Spanish** | | | |
| 2330-2355 | V/VII | D | 9440/9815/11655 |
| | | M+S/J | 9815/11655/12025 |
| 0230-0255 | V/VII | All | 7412/9440/9815 |
| 0615-0630 | V/VII | All | 9009/9440/11655 |
| **Portuguese** | | | |
| 0130-0155 | V/VII | D | 7412/9440/9815 |
| | | M+S/J | 9440/9815/11655 |
| **Georgian** | | | |
| 1510-1525 | I | All | 17710/17815/21625 |
| **Bucharian** | | | |
| 1455-1510 | I | All | As Georgian 1510 |
| **Persian** | | | |
| 1530-1625 | II | All | 9009/11655 |
| **Hungarian** | | | |
| 1745-1800 | I | D | 7415/9009/11655/12025 |
| | | M+S/J | 9009/11655/12025/15585 |
| **Ladino** | | | |
| 1745-1800 | I | All | 9385/9920/11583 |
| **Mograbit** | | | |
| 1730-1745 | I | All | 9920/11583 |
| **Romanian** | | | |
| 1800-1825 | I | All | 7412/9009 |
| **Russian** | | | |
| 0300-0355 | I | D | 9440/9815/11655 |
| | | M+S/J | 9815/11655/12025 |
| 0415-0445 | I | | As Russian 0300 |
| 0535-0600 | I | D | 15105/17710/21625 |
| | | M+S/J | 15105/17710/21625/25640 |
| 1000-1030 | | | As Russian 0535 |
| 1400-1455 | I | D | 15105/15485/15585/17710/21625 |
| | | M+S/J | 17710/17815/21625/25640 |
| 1630-1710 | I | D | 9009/9440/9815/11655 |
| | | M+S/J | 9009/9815/11655/15585 |
| 1900-1955 | I | D | 9009/9815/11655/12025 |
| | | M+S/J | 9815/11655/12025/12080 |
| 2100-2155 | I | D | 7415/9009/9440/9815 |
| | | M+S/J | 9815/11655/15585 |
| **Yiddish** | | | |
| 1710-1740 | | | As Russian 1630 |
| 1800-1830 | | | As Russian 1900 |

**Frequency schedule:** For all shortwave transmissions is aired in English at 2025, 2255, 0025 on Thursdays.
**DX-Prgr** in English, hosted by Ben Dalfen, aired on Sundays.

**ANN:** Yiddish: "Hert zu der yisrael odizie im yiddish fyn yerushalayion". Ladino: "Emission de yisrael en a langua Judeo-espagnol". Sp: "Transmite Shidurei Israel", E: "This is Kol Israel broadcasting from Jerusalem". Fr: "Ici Kol Israel, Radiodiffusion Israelienne" — **INT-SIG:** Foreign Sce (Hatiqua) Nat. Hymn.




**V.** by QSL-card. Re. to IBA, Overseas Sces, P.O. Box 1082, Jerusalem — **PUB:** Overs. Prgr. schedule free of charge.

### GALEI ZAHAL (Israel Defence Forces Station)

**ADDR:** Military Post Office 01005, Israel.
**L.P:** Dir: R. Ben Yishai. Dir. Eng: S. Kasif.

| STATIONS | kHz | kW | | kHz | kW |
|---|---|---|---|---|---|
| Beersheba | 1224 | 20 | Tiberia | 1367 | 1 |
| Tel Aviv | 1287 | 100 | Jerusalem | 1404 | 10 |
| Haifa | 1305 | 20 | N. Gallilee | 1487 | 5 |
| Eilat | 1305 | 5 | | | |

**FM:** (stereo): 96.6MHz 10kW.
**D.PRGRS:** 24h (in Hebrew). **N:** Every h. on the h.
**ANN:** "Galei Zahal, Shidure Tsva Hagana Le'Yisrael".
**V.** by letter.

## JORDAN

**L.T:** UTC + 2h(Su: UTC + 3h) — **Pr.L:** Arabic, English.
**E.C:** a/c 50, 220V(yes).

### HASHEMITE KINGDOM BROADCASTING SERVICE (Gov.)

**ADDR:** P.O. Box 909, Amman. **Te:** 37711. **Telex:** 21285 JO HBS.
**Cable:** Broadcasting.
**L.P:** Dir.Gen: N. Majali. Dir.Tec: O. Asfoura. Prgr. Dir's: S. Mashini (Arabic), J. Zada (English). Dir. Admin: A. Makahleh.

| MEDIUMWAVES | kHz | kW | | kHz | kW |
|---|---|---|---|---|---|
| Ajlun | 801 | 2000 | Amman | 855 | 10 |
| Amman | 801 | 200 | Aqaba | 1485 | 1 |

**SHORTWAVES:** Amman (G.C: 35.56E/31.57N) 100kW.

| kHz | kHz | kHz | kHz |
|---|---|---|---|
| 7155 | 9530 | 9560 | 11920 |

**FM:** Amman 99MHz 20kW, 103MHz 1kW; Aqaba 99MHz 1kW.
**D.PRGR. in Arabic:** 0330-1530 on 801kHz(Amman), 1530-2330 on 801kHz(Ajlun), 0330-2330 on 1485kHz + 103MHz, 0330-0730 & 1900-2330 on 7155kHz, 0930-1400 & 1500-2330 on 9530kHz, 0330-1500 on 11920kHz. **N:** 0400, 0500, 0800, 1000 (exc. Fri), 1200, 1400, 1600, 1700, 1900, 2100, 2200, 2300.
**English:** 0500-2200 on 855kHz + 99MHz, 1500-1730 on 9560kHz.
**ANN:** Arabic: "Huna 'amman, Idha'atu-l-mamlaka al-urduniyya al-hashimiyya". E: "This is R. Jordan, broadc. from Amman".
**INT-SIG:** Clarinet, piano.

**V.** by letter, Rec. acc.

## KUWAIT

**L.T:** UTC + 3h — **Pr.L:** Arabic — **E.C:** a/c 50, 240V (no).

### MINISTRY OF INFORMATION

**ADDR:** P.O. Box 193, Kuwait.

### KUWAIT BROADCASTING SCE (Gov.)

**ADDR:** P.O. Box 397, Kuwait. **Te:** 415301. **Cable:** Alirshad.
**Telex:** MI 46285 KT.
**L.P:** Under Secr: Sheik Naser Mohammed Ahmed Al-Sabah. Asst. Under Secr. (Broadc.): A.A. Ja'Far. Asst. Under Secr. (Eng. Affairs): A.E. Houty. Tec. Adviser: R. Karrer. Chief Eng: Jawad Al-Mazeedi. Prgr. Dir: (Radio): Dr. Abdul-Aziz Al-Mansour.
**STATIONS:** Sulabiya (G.C: 47.55E/29.16N): 4 × 500kW, 4 × 250kW SW-trs; 4 × 750kW MW-trs with facility to add and get 1500kW. Magwa (G.C: 48.02E/29.10N): 2 × 100kW MW-trs.

| kHz | kW | Prgr | Times | kHz | kW | Prgr | Times |
|---|---|---|---|---|---|---|---|
| 540 | 1500d | M | 0230-2215 | 9840 | 500 | M | 0230-1505 |
| 1134 | 1550 | M | 0215-2215 | | | | 1530-2215 |
| 1341 | 200 | Q | 0200-0500 | 9880 | 500 | M | 1600-2215 |
| | | E/P | 0500-1000 | 11675 | 250 | E | 1800-2100 |
| | | A2 | 1000-1600 | 11990 | 500 | M | 0615-2215 |
| | | U/E | 1600-2100 | 15110 | 500 | M | 0945-1505 |
| 6055 | 250 | M | 0230-2215 | 15345 | 250 | Q | 0200-0500 |
| 7120 | 250 | M | 1830-2105 | | | E | 0500-0800 |
| 9750 | 500 | P | 0800-1000 | 15450 | 500 | M | 0400-0600 |
| | | M | 1000-1500 | | | | |
| 15495 | 500 | Q | 0200-0500 | 21545 | 250 | M | 0400-0600 |
| | | M | 0500-2215 | | | U | 1600-1800 |
| 17850 | 250 | M | 0400-0600 | 21675 | 250 | S | 0815-1300 |
| | | | | | | M | 1300-1800 |

**FM:** 98.8MHz 20kW: 0500-2300 (stereo music); 92.5MHz 5kW: 0230-2215 (Prgr. M).
**Main Prgr (M)** in Arabic (for Arabic speaking world): 0230-2215.
**N:** 0300, 0400, 0500, 0730, 1000, 1300, 1500, 1700, 1900, 2100, 2200.
**Second Prgr** (A2) in Arabic: 1000-1600 on 1341kHz.
**N:** 1130, 1230, 1330, 1430.
**Special Arabic Prgr** (S): 0815-1300 on 21675kHz beamed to Europe/No. Africa/No. America.
**English Prgr (E):** 0500-0800 on 1341/15345kHz; 1800-2100 on 1341/11675kHz. **N:** 0530, 1830.
**Urdu Prgr (U):** 1600-1800 on 1341/21545 kHz. **N:** 1700
**Persian (P):** 0800-1000 on 1341/9750kHz.
**Quran Prgr (Q):** 0200-0500 on 1341/15345/15495kHz.
**ANN:** "Huna al Kuwait". E: "This is Radio Kuwait".
**INT-SIG:** An old kuwait tune played on klarinet SIB:

**V.** by QSL-folder. Rec. acc. (B).

## LEBANON

**L.T:** UTC + 2h — **Pr.L:** Arabic, French, English, Armenian.
**E.C:** a/c 50/110/190V (no).

### RADIO LEBANON (Gov.)

**ADDR:** Ministry of Information, Lebanese Broadcasting Station, Beirut. **Te:** 346880. **Cable:** Radio Liban. **Telex:** Minform 20786.
**MEDIUMWAVES:** Beirut 989kHz 10kW—836kHz 100kW.
**FM:** Beirut 96.2MHz 12kW.
**HOME SCE: 1st prgr. in Arabic** on 836/989kHz: 0355-2205. **N:** 0415, on the h. 0500-2200. **N. in English** (rel. Prgr. 2): 1505.
**2nd Prgr:** on 96.2MHz: **French:** 0500-0900, 1100-1430, 1700-2200. **N:** 0530, 0700, 0800, 1130, 1200, 1800. **English:** 0900-1000, 1430-1630 (Sun 1700). **N:** 1505. **Armenian:** W 1630-1700.
**ANN:** Arabic: "Izaat Loubnan Min Beirut". French: "Ici Radio-Liban émettant de Beyrouth" — **INT-SIG:** Opening notes from the Lebanese National Anthem played on guitar.
**V.** by QSL-card. **PUB:** "Izaat Loubnan", monthly in Arabic.

### RADIO VOICE OF LEBANON (Phalange Party)

**ADDR:** P.O. Box 165271, Ashrafieh, Beirut. **Te:** 323458. **Telex:** VDL 23203 LE.
**L.P:** Gen. Mgr: Joseph El-Hashem.
**STATIONS:** 872kHz 25kW—6550kHz 15kW.
**FM:** 93.2MHz 2.5kW.
**D.PRGR:** 0410-2125. **English:** 0900-0905, 1300-1305, 1700-1705, 1810-1915. **French:** 0930-1045 (Sun), 1305-1430 (Sun 1500), 1800-1810. **N: Arabic:** 0415, 0515, 0615, 0815, 0915, 1015, 1215, 1515, 1715, 1915, 2115. **French:** 1315, 1800. **English:** 0900, 1300, 1700.
**ANN:** Arabic: "Huna Saout Loubnan". F: "Ici La Voix du Liban". E: "This is the Voice of Lebanon" — **INT-SIG:** Opens with River Kwai March and Lebanese National Anthem. Closes with River Kwai March and Katäeb Party Anthem — **V.** by letter.

### VOICE OF HOPE/KING OF HOPE (Comm, Rlg)

(Operated by the High Adventure Broadcasting Network).
**ADDR:** The Arizim Motel, Metulla, Israel. **Te:** (213)-701-5133. (Addr. in USA: High Adventure Ministries, Box 7466, Van Nuys, CA 91409).
**L.P:** Pres: George Otis. Vice-Pres: Charles Pollak. Gen. Mgr: Don Otis. Chief Eng: Paul Hunter.
**STATION:** Marjayoun 684/945kHz 12kW — 6215kHz 10kW.
**FM:** 105.1MHz 100kW (stereo).
**D.PRGR:** 0400-2400 in **English** exc. **Arabic** 0600-0700, 1000-1500 (also short prgrs in other languages).

**ANN:** E: "This is W.O.R.D. and KING, High Adventure's Voice and King of Hope for the Middle East, broadcasting from the Valley of the Springs in Free Lebanon". — **V.** by QSL-card or letter (B).

### VOICE OF FREE LEBANON (Lebanese Mil.)

**STATION:** Jounieh 1476kHz.
**D.PRGR:** includes **N. in English:** 1210, 1745.

### VOICE OF ARAB LEBANON (Nasirite)

**STATION:** Mourabitoun, Ea. Beirut 890kHz.
**D.PRGR.** includes **N. in English:** 1300, 1815.

### RADIO MONT LIBAN (Comm.)

**ADDR:** Ea. Beirut. **Te:** 328000.
**STATION:** FM 99MHz.
**D.PRGR.** includes **English:** 1200-1700.

### MAGIC 102 (Comm.)

**ADDR:** Ea. Beirut. **Te:** 915102.
**STATION:** FM 102MHz.
**D.PRGR: in English/French:** 24h.

### RADIO ONE (Comm.)

**ADDR:** Broumana. **Te:** 961645.
**STATIONS:** FM 95.1/105.5MHz.
**D.PRGR: in English/French:** 24h.

### STATIONS OF THE U.N. FORCES

The various peace-keeping forces on duty in Lebanon have their own FM st's to provide entertainment and news in their own languages. Due to the transient nature of these operations, details are not given here.

## OMAN (Sultanate of)

**L.T:** UTC + 4h — **Pr.L:** Arabic — **E.C:** a/c 50, 220V.

### RADIO OMAN (Gov.)

**ADDR:** Ministry of Information, P.O. Box 600, Muscat.
**Telex:** 5265A INFORM ON. **Cable:** Information.
**L.P:** Tec. Adviser: H.Y. Al-Kindy. Op's Mgr: Rashid Haroon Al-Jabry.

| Mediumwaves | kHz | kW | | kHz | kW |
|---|---|---|---|---|---|
| Salalah | 1035 | 100 | Muscat | 1242 | 100 |

**SHORTWAVES:** Seeb (G.C: 58.10E/23.40N).

| kHz | kW | H. of tr | kHz | kW | H. of tr |
|---|---|---|---|---|---|
| 4890 | ? | r1620-1800 | 9735 | 100 | 0400-1400 |
| 6085 | 100 | 0200-0400 | 11890 | 50 | 0300*-1600 |
| | | 1400-2200 | *) 0200 from March 3rd. | | |

**FM:** Muscat & Salalah, both 94.3MHz 1kW (stereo) — Khasab Bukka area 99.9MHz.
**D.PRGR. in Arabic:** 0130-2200 on 1035/1242kHz + 99.9MHz. Shortwaves as above. **N:** 0300, 0700 (exc. Fri), 0830 (Fri), 1300, 1600, 1700, 1900, 2000.
**English:** 0900-1700 on 94.3MHz. **N:** 0901, 1030.
**ANN:** "Idha'atu-l-'uman min Musqat". E: "This is the English Sce. of R. Oman" — **V.** by QSL-folder (B) — **F.PL:** Increase of power on one MW to cover the Gulf, No. Africa, Southern Iran, Western India.

### BBC EASTERN RELAY (Masirah Island)

**ADDR:** P.O. Box 3716, Ruwi PO, Muscat, Oman.
**MW:** 2 × 750kW — **SW:** 4 × 100kW.

| kHz | kHz | kHz | kHz | kHz | kHz | kHz |
|---|---|---|---|---|---|---|
| 702 | 6030 | 7160 | 9605 | 11850 | 11955 | 15310 |
| 1413 | 7135 | 7230 | 11740 | 11900 | 15235 | |

Relays of BBC, Arabic, Hindi, Persian, Urdu and World Service on mediumwave 702 and 1413kHz. Full details of tr's on MW and SW are included in the BBC schedule under United Kingdom.

## QATAR

**L.T:** UTC + 3h — **Pr.L:** Arabic — **E.C:** a/c 50, 240V.

### MINISTRY OF INFORMATION

**ADDR:** P.O. Box 1414, Doha. **Cable:** "Broadcasting", Doha.
**Telex:** 4229 INFOR DH.
**L.P:** Min. of Inf: H.E. Issa Ghanem Al-Kawari. Undersecretary Min. of Inf: Mohammad Abdul-Rahman Al-Khuleifi. Asst. Undersecretary, Min. of Inf: S.A.R. Al-Kawari.

### QATAR BROADCASTING SERVICE (Gov.)

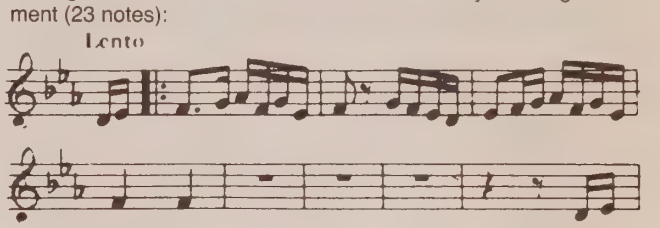
**ADDR:** QBS, P.O. Box 3939, Doha.
**Cable:** Broadcasting. **Telex:** 4597 Q Radio DH.
**L.P:** Dir. of Broadc: A.S. Al-Madhadi. Head of Eng: Q.A. Qassim. Dir. of Eng: S. Al-Kawari.

| Mediumwaves | kHz | kW |
|---|---|---|
| Al Khaisah | 675 | 100 |
| Al Arish | 954 | 1500 |
| Al Khaisah | 999 | 50 |
| Al Khaisah | 1233 | 100 |
| Al Khaisah | 1485 | 1 |
| Al Khaisah | 1602 | 1 |

**SHORTWAVES:** Al Khaisah (G.C: 51.25E/25.25N):

| kHz | kW | kHz | kW | kHz | kW |
|---|---|---|---|---|---|
| 9665 | 250 | 11750 | 250 | 17910 | 250 |

**FM:** 97.5MHz (10kW).
**D.PRGR: Arabic:** 0245-2130 on 675/954kHz, 0245-0700 on 9665kHz, 0700-1730 on 17910kHz, 1200-1500 on 999/1602kHz, 1200-1400 on 1233kHz, 1730-2130 on 11750kHz.
**N:** 0330, 0430, 0530, 0700, 0900, 1030, 1200, 1300, 1530, 1700, 1800, 2000, 2100.
**English:** 0300-2130 on 97.5MHz, 0300-1030 on 999kHz, 1400-1800 on 1233kHz. **N:** 0330, 0430, 1000, 1500, 1700.
**ANN:** "Idha'at at Qatar Min al-Doha". E: "This is the Qatar Broadcasting St. from Doha" — **INT-SIG:** Arabic melody on string instrument (23 notes):




**V.** by QSL-card (B).

## SAUDI ARABIA

**L.T:** UTC + 3h — **Pr.L:** Arabic — **E.C:** a/c 50 or 60, 127/220 or 220/380V (variable).

### MINISTRY OF P.T.T., Riyadh.

**Cable:** Gentel. **L.P:** Minister of P.T.T: Dr. A. Darwish Kayyal.

### BROADCASTING SERVICE OF THE KINGDOM OF SAUDI ARABIA (Gov.)

**ADDR:** Ministry of Information, Riyadh. **Cable:** Information Ministry. **Te:** 4014440. **Telex:** 201040SJ.
**L.P:** Minister of Inf: H.E. Ali Hasan Al-Shaer. Dep. Minister for Adm. Affairs: Ibrahim Al-Ghadi Al-Mohammad. Dep. Minister for Inf. Affairs: Dr. Fouad al-Farsy. Asst. Dep. Minister for Eng. Affairs: A.M. Al-Swailem.
**Regional Addr:** P.O. Box 570, Riyadh.

**STATIONS:** (G.C: Jeddah 39.09E/21.14N; Riyadh 46.23E/24.30N; Dammam 50.10E/26.24N; Duba 35.36E/27.25N; Qurayyat 37.25E/31.25N).

| Mediumwaves | kHz | kW | H. of Tr. & Prgr. |
|---|---|---|---|
| Diriyah | 549 | 1 | 0300-2100 (A2) |
| Qurayyat | 549 | 2000 | 0300-1500 (A), 1500-1700 (CI) |
| Gizan | 549 | 1000 | 0300-0500 (A), 1500-2100 (A2) |
| Abha | 567 | 20 | 0300-2100 (H) |
| Gizan | 576 | 1 | 0300-2100 (H) |
| Riyadh | 585 | 1200 | 0300-1500 (A), 1500-1700 (CI) 1700-2300 (A) |
| Duba | 594 | 2000 | 0300-1500 (A), 1500-1700 (CI) |
| Afif | 603 | 10 | 0300-1500 (A), 1500-2100 (A2) |
| Jeddah | 648 | 2000 | 0300-1500 (A), 1500-1700 (CI) 1700-2300 (A) |
| Abha | 675 | 20 | 0300-1500 (A), 1500-2100 (A2) |
| Jeddah | 684 | 50 | 0300-2100 (A2) |
| Duba | 702 | — | 0300-2100 (A2) |
| Najran | 747 | 20 | 0300-1500 (A) |
| Qurayyat | 765 | 50 | 0300-2100 (A2) |
| Ras-as-Zawr | 783 | — | 0300-2100 (A2) |

| | | | |
|---|---|---|---|
| Jeddah | 792 | 50 | 0300-2100 (H) |
| Medinah | 828 | 20 | 0300-1500 (A), 1500-2100 (A2) |
| Ras-as-Zawr | 864 | — | 0300-2100 (H) |
| Qassim | 873 | 10 | 0300-1500 (A), 1500-2100 (H) |
| Dammam | 882 | 100 | 0300-2100 (H), 0100-0300 (CI) |
| Qurayyat | 900 | 1000 | 0300-0500 (A), 1500-1700 (CI) 1700-2300 (A) |
| Duba | 918 | 50 | 0300-2100 (H) |
| Diriyah | 936 | 10 | 0300-2100 (H), 0100-0300 (CI) |
| Medinah | 981 | 20 | 0300-2100 (H) |
| Hail | 1017 | 20 | 0300-1500 (A), 1500-2100 (H) |
| Qurayyat | 1089 | 50 | 0300-2100 (H) |
| Dammam | 1098 | 1 | 0500-0800 (M), 0800-1900 (F) 1900-2100 (M) |
| Diriyah | 1224 | 1 | as 1098kHz |
| Mecca | 1287 | 20 | 0300-2100 (H) |
| Taif | 1305 | 20/5 | 0300-2100 (A2) |
| Ras-as-Zawr | 1440 | 1600 | 0300-1500 (A), 1500-1700 (CI) 1700-2300 (A) |
| Jeddah | 1485 | 1 | as 1098kHz |
| Jeddah | 1512 | 1200 | 0300-2100 (H) |
| Duba | 1521 | 2000 | 0300-0500 (A), 1500-1700 (CI) 1700-2300 (A) |

A = General Arabic Prgr (from Riyadh); A2 = Second Arabic Prgr (from Jeddah); H = Holy Quran (from Riyadh); CI = Call of Islam (from Jeddah); F = Foreign Language Prgr; M = Music Prgr.
**FM:** Riyadh/Jeddah/Dammam 90.0/91.2/92.8/93.2/98.0/100.0MHz.
**D.PRGRS. in Arabic:** as above.
**Foreign Language Prgr. English:** 1000-1300 & 1500-1900; **French:** 0800-1000 & 1300-1500 on 1098/1224/1485kHz + 98.0MHz.

**SHORTWAVES:** 50/100/350kW

| kHz | kHz | kHz | kHz | kHz | kHz | kHz |
|---|---|---|---|---|---|---|
| 5875 | 7245 | 9655 | 11740 | 11900 | 15245 | 17740 |
| 7130 | 7270 | 9720 | 11800 | 11910 | 15335 | 17895 |
| 7145 | 7290 | 9870 | 11855 | 11915 | 15345 | 21495 |
| 7155 | 9520 | 9885 | 11870 | 11965 | 15370 | 21545 |
| 7195 | 9620 | 11730 | 11880 | 15060 | 17720 | 21730 |
| 7220 | 9640 | | | | | |

**Schedule Nov. 84-Feb. 85**

**Relays of Home Sce. Prgrs. in Arabic:**

| kHz | Times | kHz | Times |
|---|---|---|---|
| 5875 | 0300-0730, 1000-2300 | 11740 | 1700-2200 |
| 7220 | 0300-0730, 1000-2300 | 11800 | 2000-2300 |
| 7290 | 0300-0830, 1000-2300 | 11870 | 0500-1500 |
| 9720 | 0300-0730, 1000-2300 | 11950 | 0300-0730, 1000-2300 |
| 9870 | 1700-2130 | 11965 | 1500-1700 |
| 9885 | 2130-2300 | 15060 | 1100-1700 |

**Holy Quran Prgr:**

| kHz | Times | kHz | Times | kHz | Times |
|---|---|---|---|---|---|
| 7270 | 1900-2100 | 11730 | 0500-0700 | 21495 | 0700-1000 |
| 9655 | 1900-2100 | 17740 | 0500-0700 | 21730 | 0700-1000 |

**EXTERNAL SERVICE**

Freq's in brackets will be used March-April 85.

| English | kHz | Persian | kHz |
|---|---|---|---|
| 1000-1300 | 11855 | 0300-0500 | 7245/15370 (7195/15245) |
| 1700-2100 | 11855 | | |
| **French** | | **Somali** | |
| 0500-0700 | 11855 | 1700-1800 | 9520/11910 (9720/11910) |
| 1500-1700 | 11855 | | |
| **Bambara** | | **Swahili** | |
| 1800-1900 | 7270/15060 (7155/15060) | 1600-1700 | 11915/15335 (11880/15245) |
| **Bengali** | | **Turkestani** | |
| 1200-1300 | 11900/15345 (11730/15345) | 1500-1600 | 7145/9640 (7130/9620) |
| **Indonesian** | | **Urdu** | |
| 1000-1200 | 17895/21495 (17720/21545) | 1300-1500 | 11900/15345 (11730/15345) |

**ANN:** Arabic: "Huna-r-riyad, idha'atu-l-mamlakati-l'arabiyya as-sa'udiyya". E: "This is the Broadcasting Sce. of the Kingdom of Saudi Arabia".
**INT-SIG:** "Ud" (oriental lute). Opens and closes with National Anthem — **V.** by QSL-card.

### ARAMCO RADIO (Priv.)

This station is intended for people serving the Arabian American Oil Co.
**ADDR:** Gen. Mgr. Public Affairs, Box 130, MSB Mailroom, Dhahran.
**STATIONS: FM:** 88.5MHz 1kW (pop), 91.7MHz 1kW (country & western), 95.5MHz 10kW (classical), 99.7MHz 10kW (easy listening).
**D.PRGR:** 24h on all freqs. **N:** 0945, 1030, 1530. **Time Signal:** Every h. on the h. Otherwise music as indicated.

## SYRIAN ARAB REPUBLIC

**L.T:** UTC + 2h — **Pr.L:** Arabic. — **E.C:** a/c 50, 115/200V (yes).

### SYRIAN BROADC. AND TELEVISION ORGANISATION (Gov.)

**ADDR:** Place des Ommayades, Damascus. **Te:** 720700.
**Cable:** Genrad. **Telex:** Genrad 11223SY
**L.P:** Dir. Gen: Fouad Ballatt. Dir. Engineering: M. Michael Bara. Dir. Public Rel: Mrs. Awafet Haffar. Dir. Adm. & Finance: Zuheir Breidi. Dir. Radio: M. Khudr Omran. Dir. TV: Abd. Salam Hijab.

| Mediumwaves | kHz | kW | | kHz | kW |
|---|---|---|---|---|---|
| Homs | 612 | 300 | Damascus | 872 | 10 |
| Damascus | 666 | 100 | Deir-El-Zawr | 953 | 60 |
| Sarakeb | 747 | 100 | Tartus | 1071 | 60 |
| Tartus | 783 | 600 | Aleppo | 1313 | 10 |
| Deir-El-Zawr | 828 | 1500/60* | Homs | 1488 | 7.5 |

*) the 1500kW tr. is stanby tr. only.
**SHORTWAVE:** 7365/12085kHz 500kW.
**GENERAL SERVICE in Arabic:** 0330-0030 on 612/666/747kHz; 0330-0630, 0800-0030 on 828kHz; 0330-0500, 0630-1400, 1530-0030 on 783kHz; 0800-1500, 1900-0030 on 953kHz.
**Rel. on SW:** 0800v-1500 on 12085kHz, 1500-0300 on 7365kHz.
**N:** 0415, 0515, 0715, 0915, 1115, 1215, 1315, 1615, 1915, 2115, 2315. "Voice of Arab Egypt": 1930-2030. **N:** 2000.
**Western/Turkish Prgr:** On 872/1071/1313/1488kHz: 0800-0900 French, 0900-1000 English, 1000-1200 Western music prgr, 1300-1400 Turkish, 1900-1930 Russian, 1930-2000 German, 2000-2100 French, 2100-2200 English. **N. in English:** 0900, 2100. **N. in French:** 0800, 2000.
**"Voice of the People" in Arabic.** (Home Service): 0400-0800, 1500-1900 on 872/953/1071/1313kHz.
**N:** 0500, 0700, 1530, 1800.
**EXTERNAL SERVICE**
**To Israel:** 0500-0630, 1400-1530 on 783kHz. **Hebrew** exc. 0615-0625 in Bulgarian (Sun), French (Mon, Wed), Spanish (Tues), Arabic (Thurs), German (Fri), Russian (Sat).
**Spanish/Portuguese:** 0030-0100 on 783kHz.
**ANN:** Arabic: "Idha'atu-l-ğumhuriyati-l-'arabiyya as-suriyya min dimashq". E: "This is the Syrian Arab Republic Broadc. Sce. from Damascus". F: "Ici Damas". Hebrew: "Kol Damesek" — **INT-SIG:** Guitar. **V.** by QSL-card.

## TURKEY

**L.T:** UTC + 3h — **Pr.L:** Turkish — **E.C:** a/c 50, 220/380V (yes).

### TURKISH RADIO-TELEVISION CORPORATION

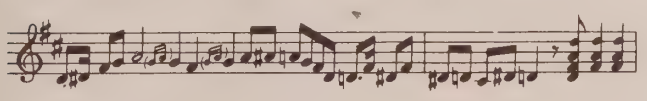
**ADDR:** TRT Türkiye Radyo Televizyon Kurumu, Nevzat Tandoğan Caddesi 2, Kavaklidere, Ankara. **Cable:** TRT.
**Te:** (41) 28 22 30. **Telex:** 42374.
**L.P:** Dir. Gen: Tunca Toskay. Asst. Dir. Gen (Tech): Ethem Barlas. Legal Adviser: A. Iseri.
**Regional Addr:** Atatürk Bulvari, Sihhiye, Ankara; Harbiye, Istanbul; Kültür Parki, Izmir.
**STATIONS:** *)Ankara — **)Tarsus — ***)Istanbul.

| Location | N | kHz | kW | | | kHz | kW |
|---|---|---|---|---|---|---|---|
| Polatli* | 2 | 182 | 1200 | Hakkâri | P | 1035 | 2 |
| Etimesgut | 1 | 200 | 200 | Diyarbakir | 1 | 1062 | 300 |
| Erzurum | 1 | 245 | 200 | Van Iskelesi | P | 1179 | 2 |
| Çukurova** | 1 | 630 | 300 | Dededoruk | 1 | 1467 | 10 |
| Ümraniye*** | 2 | 702 | 150 | Cesme | 3 | 1484 | 1 |
| Antalya | 1 | 891 | 600 | Hakkâri | 3 | 1484 | 1 |
| Izmir | 1 | 927 | 200 | Kas | 3 | 1484 | 1 |
| Trabzon | 1 | 954 | 300 | Ordu | 3 | 1484 | 1 |
| Istanbul | 1 | 1017 | 1200 | Rize | 3 | 1484 | 1 |

N = Network 1, 2, & 3; R = Regional & Netw. 1; P = Provincial
**FM:** *) TRT-2, others TRT-3.

| Location | MHz | kW | | MHz | kW |
|---|---|---|---|---|---|
| Izmir | 88.0 | 100 | Denizli | 93.2 | 30 |
| Istanbul | 88.2 | 100 | Izmit | 93.6 | 10 |
| Diyarbakir | 88.4 | 100 | Tokat | 94.4 | 10 |
| Adana | 89.2 | 25 | Eskisehir | 94.4 | 30 |
| Malatya | 89.6 | 10 | Gaziantep | 95.2 | 25 |
| Kayseri | 90.0 | 10 | Agri | 95.2 | 30 |
| Konya | 90.8 | 10 | Aydin | 95.8 | 10 |
| Samsun | 90.8 | 10 | Istanbul* | 96.1 | 60 |
| Edirne | 91.0 | 30 | Balikesir | 96.4 | 10 |
| Ankara | 91.2 | 60 | Bursa | 97.6 | 10 |
| Erzincan | 91.2 | 10 | Ordu-Giresun | 97.6 | 10 |
| Antalya | 91.6 | 10 | Isparta | 99.2 | 10 |
| Trabzon | 92.0 | 10 | Zonguldak | 99.2 | 10 |
| Van | 92.8 | 30 | | | |

**HOME SCE: TRT-1:** 0200-2200.
**N:** 0200, 0300, 0600, 0900 (exc. Sat), 1200, 2100, 2155. **Regional Prgrs:** 0302-0340 (Tues/Thurs/Sun 0430), 0415-0430 (Fri), 0440-0600 (Sat/Sun), 0722-0800 (Mon-Fri), 1030-1145 (Sat/Sun 1200), 1523 (Sat 1535, Sun 1400)-1600. **Regional N:** 0800 (Mon-Fri), 0900 (Mon-Fri), 1300 (W), 1500, 1800 (exc. Thurs), 1900.
**TRT-2:** 0400-2200.
**Night Prgr:** 2200-0200 on 182kHz + 96.1MHz.
**TRT-3:** 0400-2200. **N:** 0600. **N.** in English/French/German (3 min's each) at 0900, 1400, 1600, 1900. **Tourist Prgrs: English:** Sat 1612-1620, Sun 1612-1630; **French:** Sat 1412-1420, Sun 1412-1430; **German:** Sat 1912-1920, Sun 1912-1930.
**Provincial:** 0300-0700, 0855-1100 (Sun 0300-1100), 1255-2015. (taped prgrs + limited TRT-1 relays). Kars + Van rel. Erzurum reg. prgr. 0340-0430 (Tues/Thurs/Sun). Gaziantep rel. Çukurova/Antalya reg. prgr. at times. **Own prgrs:** Hakkâri: Wed 1530-1550, Sat 0545-0615 — Van: Wed 0440-0500, Sat 1030-1100, D 0905, 1530, 1630. Rel TRT-1 Mon-Fri 0440-0700.
**ANN:** "Burasi TRT-1, Burasi TRT-2" — **INT-SIG:** R. TRT-1 and 2:



**PUB:** "Program Dergisi" (monthly).

### FOREIGN SERVICE

**ADDR:** P.O. Box 333, Yenisehir, Ankara.
**STATIONS:** (G.C: 30.42E/39.54N): 2 × 500kW, 3 × 250kW tr's.

| kHz | kHz | kHz | kHz | kHz | kHz | kHz |
|---|---|---|---|---|---|---|
| 5960 | 7215 | 9550 | 9670 | 9755 | 11820 | 15220 |
| 5995 | 9515 | 9560 | 9730 | 11770 | 11955 | 17885 |
| 6080 | | | | | | |

**Areas:** I = Europe, II = Middle East, III = No. Africa, IV = No. America, V = Asia, VI = Far East, VII = Australia/New Zealand, VIII = Balkans. Freqs in bold are 500kW.

| Albanian | Area | kHz | German | Area | kHz |
|---|---|---|---|---|---|
| 1130-1200 | VIII | 11820 | 1900-2000 | I | 7215 |
| **Arabic** | | | **Greek** | | |
| 0900-1000 | II/III | **9670,** 11955 | 1600-1700 | VIII | 5960 |
| 1500-1600 | II/III | **9670,** 11955 | 1800-1900 | VIII | 5960 |
| **Azeri** | | | **Hungarian** | | |
| 0300-0400 | V | 5995, 9670 | 1200-1230 | VIII | 11820 |
| 1700-1800 | V | 9670 | **Persian** | | |
| **Bulgarian** | | | 1330-1400 | V | 17885 |
| 1000-1030 | VIII | 11820 | **Romanian** | | |
| **Chinese** | | | 1030-1100 | VIII | 11820 |
| 1400-1430 | VI | 9550 | **Russian** | | |
| **English** | | | 1430-1500 | V | 11820 |
| 1230-1300 | V | 17885 | **Serbo-Croat** | | |
| 2000-2100 | I | 7215 | 1100-1130 | VIII | 11820 |
| 2200-2300 | I/IV/V | 5960, **9560, 9730,** 9755 | **Urdu** | | |
| | | | 1300-1330 | V | 17885 |
| 0300-0400 | IV | **9560** | | | |
| **French** | | | | | |
| 2100-2200 | I | 7215 | | | |

**ANN:** E: "This is the voice of Turkey". G: "Hier ist die Stimme der Turkei". "Burasi Türkiyenin Sesi Radyosu" — **INT-SIG:** As for Home Sce — **V.** by QSL-card — **PUB:** "The Voice of Turkey Prgr sch" in English, French, German; "Türkiyenin Sesi Radyosu Program Bulteni" (Turkish every 3 months, free) — **ALF:** 500 Turkish Liras.

**OTHER STATIONS**

| | kHz | kW | Times |
|---|---|---|---|
| 1) | 6340 | 1 | 0600-1000, 1100-1700 |
| 2) | 6900 | 2.5 | 0400-0600, 0700-0840, 1100-1555 |

| FM: | MHz | kW | Times |
|---|---|---|---|
| 3) | 94.0 | 1 | W1600 (Sat 0630)-2030, Sun 0900-1200 |
| 4) | 95.8 | 0.05 | 0700 (Sun 0600)-1100, 1200-1600 |

**Addresses and other information**
1) Türkiye Polis Radyosu, T.C. Içiçleri Bakanligi, Emniyet, Genel Müdülügü, Ankara. **Prgrs:** Turkish music & short ann. **V.** by QSL-card.
2) Turkish State Meteorological Sce, P.O. Box 401, Ankara. **Te:** 141100. **Cable:** Meteor — **Prgrs:** Turkish music, weather repts on the h. **V.** by letter. Rp. Rec. acc.
3) Ankara Traffic Radio (non-stop music & traffic information). No further details available.
4) Ankara Polis Radyosu (see 1) for details).

### AFRTS Communications Facilities (US Air Force)

**ADDR:** Air Force European Broadc. Squadron, APO New York, NY 09012, USA.
**Station:** Adana 1580kHz 0.01kW; S.E. Turkey 1570kHz 0.01kW.
**D.Prgr:** 24h — **Ann:** "Communications Facilities Network", "R.CFN".
**V.** by letter.

## UNITED ARAB EMIRATES

**L.T:** UTC + 4h — **Pr.L:** Arabic — **E.C:** a/c 50, 220V.

### MINISTRY OF INFORMATION & CULTURE

**ADDR:** P.O. Box 17, Abu Dhabi. **Te:** 326000. **Telex:** 22283 EM.
**L.P:** Min. of Inf. & Culture: Sheikh Ahmed bin Hamid. Under-Secr: Abdullah al-Nowais. Tech. Advisor: Fawzi Saleh Mustafa.

### VOICE OF THE UNITED ARAB EMIRATES (Gov.)

**ADDR:** P.O. Box 63, Abu Dhabi. **Te:** 46111; P.O. Box 70, Sharjah. **Te:** 359990.
**L.P:** Dir: Mohammed Masoad el-Mazrouie. Dep. Dir: Ahmed Salam. Contr. of Prgrs: Abdul Hadi al-Mobrak. Chief Eng: Rushdi Hattab.

| MEDIUMWAVES | kHz | kW | | kHz | kW |
|---|---|---|---|---|---|
| Sadiyat | 657 | 2 × 50 | Dabiya* | 1314 | 1000 |
| Sadiyat | 729 | 750 | Sadiyat | 1539 | 2 × 50 |
| Maqtaa | 810 | 50 | Sharjah | 1575 | 50 |
| Fujairah | 972 | 2 × 50 | *) not yet in service. | | |

**FM:** 93.5MHz 2kW (English prgr), 98.9MHz 1kW (Qu'ran Prgr).
**SHORTWAVES** (G.C: 54.17E/24.23N): 4 × 500kW tr's (using 250kW only) — +) Maqtaa (G.C: 54.34E/24.21N): 1 × 120kW tr.

| kHz | kHz | kHz | kHz | kHz | kHz | kHz |
|---|---|---|---|---|---|---|
| 5960 | 7145 | 7235 | 9655 | 11815 | 15115 | 15330 |
| 6155 | 7215 | 9595 | 9695+ | 11890 | 15230 | 17820 |
| 6185 | 7225 | 9630 | 11715 | 11915 | 15275 | |

**D.PRGR in Arabic:** 0215-0600 on 729/810/972/1575kHz, 0600-0900 on 657/729/1539/1575kHz, 0900-1200 on 657/729/972/1539/1575kHz, 1200-1430 on 657/729/972kHz, 1430-1500 on 657/729/972/1539kHz, 1500-2130 on 657/729/972/1539/1575/9695kHz.
**Local Prgr:** 1200-1430 on 1539kHz.
**Qu'ran Karim Prgr:** 1200-1500 on 1575kHz + 98MHz.
**Foreign Language Prgr:** 0800-1000 **English,** 1100-1300 French, 1300-1600 Urdu.
**EXTERNAL SCE. in Arabic:** 1000-1200 to Far East on 17820kHz, 1200-1400 to Pakistan on 11715/11915/15230/15275kHz, 1400-1600 to Saudi Arabia & Yemen on 11815/15115/15330kHz, 1600-1800 to Egypt & Near East on 11915kHz, 1800-2000 to Africa on 9630/9655kHz, 2000-2200 to Europe on 5960 (from 2100)/6155/6185 (to 2100)/7235kHz. (Additional freqs may be used, see above).
**ANN:** Arabic: "Sautu-l-imarat al-'arabiyya al-muttahida min Abu Zabiy" — **V.** by QSL-card.

### CAPITAL RADIO (Gov/Comm.)

**ADDR:** P.O. Box 6845, Abu Dhabi. **Te:** 461820. **Telex:** 22964 TELOR EM.
**STATION:** 93.5MHz 2kW.
**D.PRGR in English:** 0300-2000.
**AD:** up to 9 mins per h.

### UAE RADIO & TELEVISION-DUBAI (Gov.)

**ADDR:** P.O. Box 1695, Dubai. **Te:** 470255. **Telex:** 5605 Brcast DB.
**L.P:** Dir. of Inf: Sheikh Hasher Maktoum. Dir. Gen: Abdul Ghaffour Syedd Ibrahim. Contr. Gen: Hassan Ahmed. Head of Eng: Ahmed Najeeb. Chief Eng (Radio): Hugh Parker.
**STATIONS** (G.C: 55.16E/25.14N):

| kHz | kW | kHz | kW | kHz | kW |
|---|---|---|---|---|---|
| 1107 | 10 | 1251 | 600 | 1481 | 1500 |

**FM:** 92.0MHz 10kW (English Sce.)
**Shortwaves:** 3×300kW, 2×500kW tr's.

**Areas:** I=No. America, II=Europe & No. Africa, III=Japan, IV-=Far East/Australasia.

| kHz | Area | H. of tr. | kHz | Area | H. of tr. |
|---|---|---|---|---|---|
| 11730 | I | 0230-0415 | 17830 | IV | 0415-0615 |
| 15140 | II | 1700-2050 | | II | 0615-1500 |
| 15320 | II | 1400-2050 | 21605 | II | 0900-1700 |
| 15325 | II | 0615-0900 | 21695 | II | 1000-1400 |
| 15435 | I | 0200-0415 | 21700 | IV | 0415-0615 |
| 17775 | I | 0230-0415 | | II | 0615-1000 |
| 17830 | III | 0415-0615 | | | |

**D.PRGR in Arabic:** 0230-2050 on 1107/1251/1481kHz.
**N:** 0315, 0500, 0700, 1000, 1300, 1600, 1700, 1900, 2030.
**English** on 92.0MHz: 0230-2000. **N:** 0330, 0530, 1030, 1630.
**SHORTWAVE SCE:** Rel. Arabic Prgr. exc. **English** 0330-0415, 0530-0615, 1030-1130, 1600-1700 (rel. FM Sce. and special prgrs). **N. in English:** as FM Sce.
**ANN:** "Idha'atu-l-imarat al'-arabiyya al-muttahida min dubayy" — E: "This is U.A.E. Radion in Dubai" — **V.** by QSL-card (B).

### RAS AL KHAIMAH BROADC. ST. (Gov.)

**ADDR:** P.O. Box 141, Ras al Khaimah. **Te:** 28138.
**STATIONS:** 1152kHz 50kW — 1175kHz 10kW — **FM:** 95.3MHz.
**D.PRGR: Arabic:** 0200-1030 & 1200-1900 on 1152kHz.
**Local Prgr. in Arabic:** 1030-1400 on 1175kHz.
**FM Prgr: English** 0945-1045, **Urdu** 1045-1145 on 95.3MHz.
**ANN:** "Itha'at al-Imarat al Arabiyah al-Mutahidah min Ras al Khaima" — **V.** by letter.

### UM AL-QAWAIN BROADC. ST.

**ADDR:** P.O. Box 444, Um Al-Qawain.
**L.P:** Gen. Mgr: Ali Jassim. Chief Eng: Said Al-Nakib.
**STATION:** 846kHz 20kW.
**D.PRGR in Arabic:** 0215-0700 (Fri 1030), 1100-1600. **N:** 0245, 0515, 1315, 1445 (local), 1545. **Press Review:** 1130.
**F.PL:** Increase power, prgrs in English & Urdu.

### FUJAIRAH BROADC. ST.

**STATION:** 972kHz 1kW.
**D.PRGR in Arabic:** 0215-0600, 0900-2130.
**F.PL:** 100kW.

### SHARJAH BROADC. ST.

**ADDR:** Ministry of Inf, P.O. Box 155, Sharjah.
**STATION:** 1539kHz 50kW.
**D.PRGR in Arabic/French:** 0200-2100 (exact schedule unconfirmed).

## YEMEN ARAB REPUBLIC

**L.T:** UTC + 3h — **Pr.L:** Arabic — **E.C:** a/c 50 (no).

### RADIO SAN'A (Gov.)

**ADDR:** Ministry of Information, San'a.
**L.P:** Dir. Gen: A Sarham. Chief Eng: Abdullah Farhan. Dir. Tec. Affairs: Houssain Mogbel.

| Mediumwaves | kHz | kW | | kHz | kW |
|---|---|---|---|---|---|
| San'a | 981 | 600 | San'a | 1206 | 60 |
| Taiz | 1008 | 60 | | | |

**Shortwaves:** San'a (G.C: 44.11E/15.22N): 4853kHz 20kW, 6135kHz 50kW, 9780kHz 50kW.
**D.PRGR. in Arabic:** 0300-0700 & 1000-2130 (Fri 0300-2130) **N:** 0430, 1200, 1500, 1830, 2000.
**ANN:** Idha'atu-l-ğumhuriya al-arabiyya al-yamaniyya.
**V.** by letter. Rp.

## YEMEN (People's Dem. Rep.)

**L.T:** UTC + 3h — **Pr.L:** Arabic — **E.C:** a/c 50, 230V (yes).

### DEMOCRATIC YEMEN BROADCASTING SERVICE (Gov. Comm.)

**ADDR:** State Committee for Information, P.O. Box 1222, Aden. **Te:** 22809. **Cable:** Broadcasting Aden.
**L.P:** Dir. Gen: Gamaluddin Alkhateeb. Studio Eng: R.A. Kader. Tr. Eng: Mohamed Ali Azzani.

**STATIONS:** Al-Hiswah (G.C: 44.54E/12.45N) — *) Beihan.

| kHz | kW | kHz | kW | kHz | kW |
|---|---|---|---|---|---|
| 756 | 50 | 1593* | 1 | 6005 | 100 |
| 1188 | 400 | 5970 | 100 | 11770 | 100 |

**D.PRGR. in Arabic:** 0230-0700, 1100-2200 (Fri 0230-2200).
**N:** 0330, 0430, 0525, 0625 (exc. Fri), 0700 (Fri), 0800 (Fri), 1100 (Fri), 1130 (exc. Fri), 1230, 1500, 1630 (local), 1800, 1900, 2030.
**ANN:** "Idha'atu-l-ğumhuria al-yaman ad-dimuqrattiya ash-sha'a-biya min'Adan" — **V.** by QSL-card. Rp.

## INTERNATIONAL WATERS

### VOICE OF PEACE (U.S. Registered Charity)

**ADDR:** P.O. Box 4399, Tel Aviv, Israel. **Te:** (03) 245560.
**L.P:** Pres: Abe Nathan.
**STATION:** M/V "Peace" (anchored 6mls off Tel Aviv) 1539kHz 2×25kW (ann. as 1540).
**FM:** 100MHz 81.5kW (stereo).
**D.PRGR:** 24h in English, Hebrew and Arabic. **N** (Hebrew): 0500-2300 on the h. exc. 1800 (relay Israel Radio Prgr. B).
**ANN:** "From somewhere in the Mediterranean, we are the Voice of Peace". **V.** irr. by letter. Reports appreciated, but cannot always reply due to staff shortage — **Fl:** by advertising and donations.

## DEADLINES

**The standard deadlines for WRTH Newsletters are:**
**May issue: April 15th**
**September issue: August 15th**
**November issue: October 15th**
**The deadline for WRTH86 is October 15th 1985.**

**NB: These are final deadlines. We would appreciate your information as early as possible to make our job easier.**

# ASIA

## BANGLADESH (People's Rep. of)

**L.T:** UTC + 6h — **Pr.L:** Bengali — **E.C:** a/c 50, 220/440V.

### RADIO BANGLADESH (Gov.)

**ADDR:** National Broadc. Authority, NBA House, Shahbag Ave, Dhaka-2. **Te:** 502150 (Ext. Sce: 504348). **Cable:** Broadcasts. **Telex:** 255539 NBABJ.
**L.P:** Dir. Gen: S. Bari. Additional Dir. Gen: K.N. Alam. Chief Eng (Radio): M. Habibullah. Research Eng.-in-Charge: Md. A. Rashid. Dir. (Ext. Sces): S.A. Shahadat.

**HOME SERVICE**

| STATIONS | kHz | kW | H. of tr. |
|---|---|---|---|
| Khulna | 558 | 100 | 0000-0330 (Fri 0400) 0600-0930, 1030-1730 |
| Dhaka-A | 693 | 1000 | 0000-0330, 1100-1600 |
| Dhaka-B | 819 | 100 | 0000-0130, 0330-1808 |
| Chittagong | 873 | 10 | as 558kHz |
| Sylhet | 963 | 20 | 0000-0330 (Fri 0400) 1030-1730 |
| Rangpur | 1053 | 20 | as 963kHz |
| Rajshahi | 1080 | 10 | as 558kHz |
| Rangamati | 1098 | 1 | 1030-1730 |
| Comilla | 1413 | 10 | as 963kHz |
| Dhaka | 4880 | 100 | 0000-0505 |
| Dhaka | 5985 | 7.5 | 0530-0800, 1030-1330 |

**FM:** Dhaka 100.0MHz 2kW, 104.0MHz 1kW; Sylhet 101.5/Chittagong 102.5/Rajshahi 103.0/Rangpur 105.5/Khulna 106.5MHz (all 2kW) + 6 st's less than 1kW.
**N. in English:** 0110, 0700, 1530, 1800 (headlines). **N. in Bengali:** 0100, 0300, 0500, 0900, 1100, 1230, 1330 (local), 1430, 1700 (slow speed).

**EXTERNAL SERVICE**
**ADDR:** P.O. Box 2204, Dhaka.
**STATION:** Dhaka (G.C: 90.26E/23.43N): 2×250kW, 2×100kW, 1×7.5kW tr's.

| kHz | kHz | kHz | kHz | kHz |
|---|---|---|---|---|
| 5915 | 7110 | 7355 | 9855 | 17670 |
| 7105 | 7145 | 9640 | 15180 | 21640 |

| Arabic | kHz | Hindi | kHz |
|---|---|---|---|
| 1600-1630 | 7110, 9855 | 1530-1600 | 7145, 9640 |
| **Bengali** | | **Nepali** | |
| 0830-1000 | 17670, 21640 | 1315-1345 | 7105 |
| 1630-1800 | 7110, 9855 | **Urdu** | |
| **English** | | 1400-1500 | 7145, 9640 |
| 1230-1300 | 15180, 17670 | **Voice of Islam** | |
| 1815-1900 | 5915, 7355 | 0800-0830 | 17670, 21640 |
| 1900-1915+ | 5915, 7355 | | |

+) slow speed news
**DX-Prgr in English:** 4th Fri of month at 1815.
**ANN:** Bengali & English: "R. Bangladesh"; for Ext. Sce. "This is the General Overseas Sce. of R. Bangladesh" — **INT-SIG:** Local composition of violin and tanpura — **V.** by letter. Re. to Box 2204 — **PUB:** "Betar Bangla" in Bengali fortnightly for HS (Annual subs. TK 30,-), R. Bangladesh in English quarterly (annual subs TK 40,-).
**F.PL:** 100kW MW-trs at Rajshahi, Chittagong; 10kW MW-trs at Thakurgaon, Rangamati, Cox's Bazar.
**ALF:** TK 15,-(domestic/dealer); TK 5,-(demonstration); TK 40,-(comm.)

## BHUTAN

**L.T:**UTC + 6h — **Pr. L:** Dzongkha, Shachopkha, Nepali, English.

### RADIO NYAB (The Broadcasting Division of the Ministry of Communications & Tourism)

**ADDR:**P.O. Box 1, Thimphu.
**L.P:** Secr: Ms. Louise Dorji. Prgr. Officer: Tashi Dorji. St. Eng: Sangey Tenzing.
**STATION:** 3395/7040kHz 0.1kW.
**D.PRGR:** Sun 0600-0900 on 7040kHz, Wed/Fri 1100-1300 on 3395kHz; Dzongkha 0600-0730 (Sun), 1100-1230 (Wed/Fri); Shachopkha (Eastern Bhutan dialect) 0730-0800 (Sun); Nepali 0800-0830 (Sun); **English** 0830-0900 (Sun), 1230-1300 (Wed/Fri).
**N:** 1245.
**V.** by QSL-card. 15 mins prgr. details req. 2 IRC's appreciated. (B)

## BRUNEI

**L.T:** UTC + 8h — **Pr.L:** Malay, English, Chinese.

### RADIO TELEVISYEN BRUNEI (Gov.)

**ADDR:** Bandar Seri Begawan, Negara Brunei Darussalam. **Te:** 02-23111. **Cable:** Broadcast. **Telex:** BU2311 Program; BU2312 Tekops; BU2600 RTBNews. **Regional Studio:** Kuala Belait.
**L.P:** Dir: Pg Badaruddin bin Pg Ghani. Dep. Dir: Pg Asmalee Pg Ahmad. Supt. Eng: Sapawi Bolhassan. Ag. Chief Editor: Awang Mahari bin Ismail. Ag. Head of Prgr: Pg Ismail Pg Mohamed.

| MEDIUMWAVES | kHz | kW | | kHz | kW |
|---|---|---|---|---|---|
| Tutong | 594 | 200 | S. Hanching | 711 | 20 |
| Serasa | 675 | 200 | Kula Belait | 972 | 1 |

**FM:** (stereo): 92.3/93.8/95.9/96.9MHz (all 5kW).
**Malay Sce:** 2200-1430 on 594/675kHz + 92.3/93.8MHz. **N:** 2245, 0000, 0200, 0445, 0700, 0930, 1200, 1400.
**English Sce:** 2230-0030, 0300-0600 (Fri/Sat/Sun 0800), 1200-1400 on 711/972kHz + 95.9/96.9MHz. **N:** 2330, 0430, 1315.
**Chinese Sce:** 0030-0300, 0800-1100 on same fqs as English. **N:** 0245, 1015.
**Gurkha Sce:** 1100-1200 (Sun also 0600-0700) on same fqs as English.
**ANN:** E: "This is Radio Brunei". Malay: "Inilah Radio Brunei".
**INT-SIG:** Synthesized chimes, TS.
**PUB:** "Pelita" in Malay — **V.** by QSL-card (A).

## BURMA

**L.T:**UTC + 6½h — **Pr.L:** Burmese, English.
**E.C:** a/c 50, 230V (no).

### BURMA BROADCASTING SERVICE (Gov.)

**ADDR:** GPO Box 1432, Rangoon. **Te:** 31355. **Cable:** Infocast.
**L.P:** Dir. Gen: U Tin Aung Tun. Dir. (Broadc): U. Kyaw Minn. Dir. Eng: Lt. Col. Myint Maung.
**STATIONS** (G.C: 96.10E/16.52N): 50kW.

| kHz | kHz | kHz | kHz | kHz | kHz |
|---|---|---|---|---|---|
| 954 | 4725 | 5040* | 5985 | 7185 | 9730 |

**FM:** 102/104MHz 0.25kW. — *) inactive.

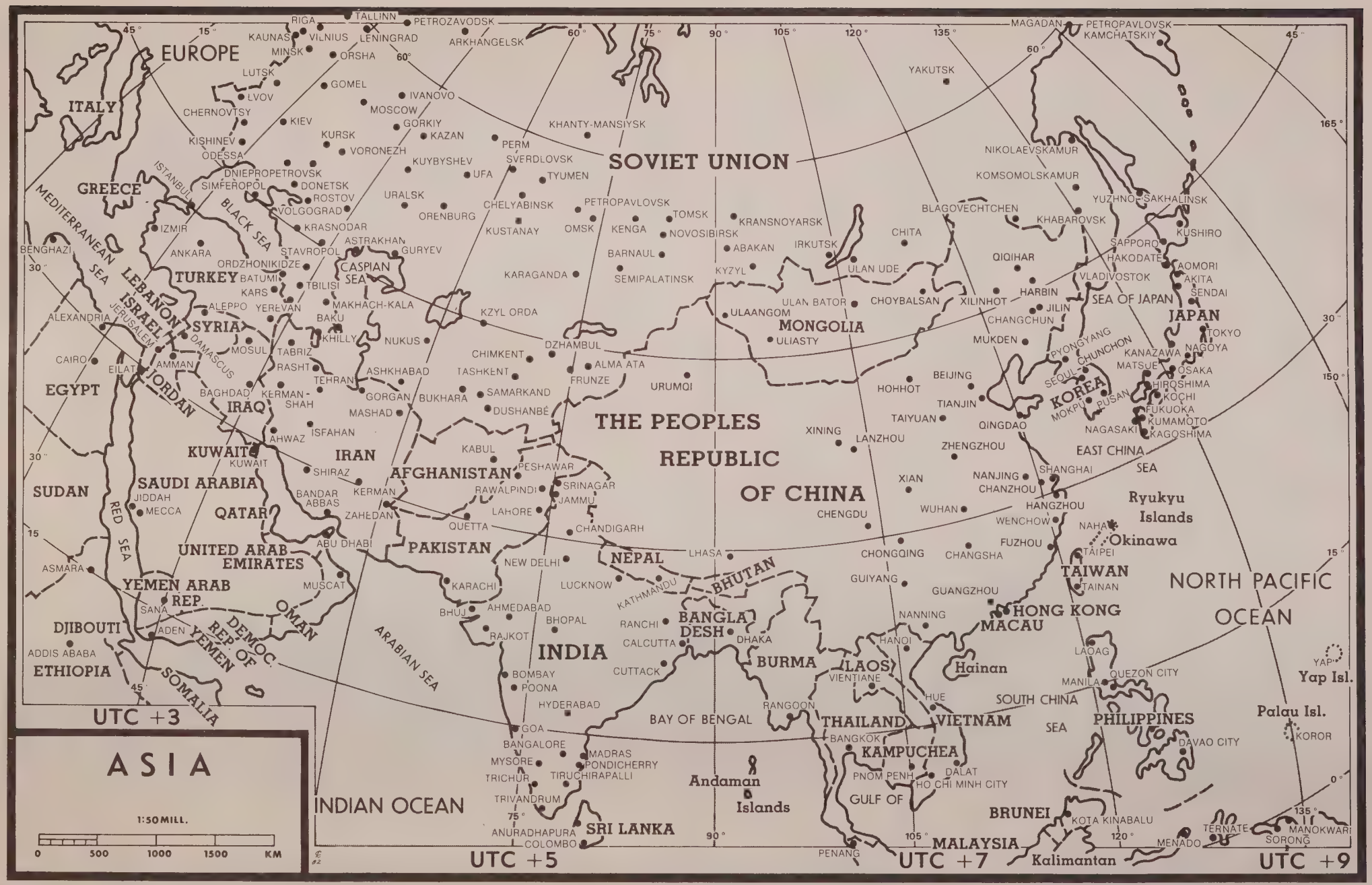
**D.PRGR: Burmese:** 0030-0200 on 954/7185kHz, 0330 (Sun 0230)-0700 on 954/9730kHz, 0930-1430 on 954/5985kHz.
**N:** 0130, 0430, 0630, 1230, 1330. **Wrp:** 0139, 0639, 1344.
**English:** 0200-0230 on 954/7185kHz, 0700-0730 on 954/9730kHz, 1430-1600 on 954/5985kHz. **N:** 0200, 0700, 1445.
**Nationalities Prgr** on 4725kHz: Jan/Feb/May/June/Sept/Oct: 1030-1445 (Sat/Sun 1545); Mar/April/July/Aug/Nov/Dec: 1030-1545 (Sat/Sun 1445). (Languages used: Arakan, Chin, Kachin, Kayah, Mon, Pwo Karen, Sgaw Karen, Shan and Burmese). The sequence of languages is changed regularly.

**ANN:** Burmese HS: "Myanma Athan hma hlwint nay bardē". E: "This is the Burma Broadc. Sce". Nationalities Prgr: (Burmese): "Myanma Athan hma taing yintha asi asin mya go hsetlet athan hlwint nay bardē; yakhu achain hma sapi Shan bardar asi asin go athan hlwint pador mē shin" (From V.O. Burma we continue to broadc. indigneous programs. From now we will broadc. the Shan language program").

**INT-SIG:** Burmese Orchestral Music — **V.** by QSL-card, if IRC is enclosed. Re. to Dir. Gen. of the Inf. and Broadc. Dept — **ALF:** 9/-for three years.

### BURMESE ARMY STATION

**ADDR:** Taunggyi, Shan State.
**STATION:** 5060kHz 5kW (max.)
**D.PRGR.** in Burmese and minority langs: 1030-1330 (local prgrs. plus some BBS Rangoon prgrs).
**V.** Re. must be in Burmese.


ASIA
1:50 MILL.
0 500 1000 1500 KM
UTC +3
UTC +5
UTC +7
UTC +9
EUROPE
ITALY
GREECE
TURKEY
SYRIA
LEBANON
ISRAEL
JORDAN
EGYPT
SUDAN
IRAQ
KUWAIT
SAUDI ARABIA
QATAR
UNITED ARAB EMIRATES
YEMEN ARAB REP.
DJIBOUTI
ETHIOPIA
SOMALIA
OMAN
DEMOC. REP. OF YEMEN
IRAN
AFGHANISTAN
PAKISTAN
INDIA
NEPAL
BHUTAN
BANGLA DESH
BURMA
LAOS
THAILAND
KAMPUCHEA
VIETNAM
MALAYSIA
BRUNEI
SRI LANKA
SOVIET UNION
MONGOLIA
THE PEOPLES REPUBLIC OF CHINA
KOREA
JAPAN
TAIWAN
HONG KONG
MACAU
PHILIPPINES
Hainan
Okinawa
Ryukyu Islands
Palau Isl.
Yap Isl.
Andaman Islands
Kalimantan
MEDITERRANEAN SEA
BLACK SEA
CASPIAN SEA
RED SEA
ARABIAN SEA
BAY OF BENGAL
GULF OF
SOUTH CHINA SEA
EAST CHINA SEA
SEA OF JAPAN
NORTH PACIFIC OCEAN
INDIAN OCEAN
RIGA
TALLINN
PETROZAVODSK
KAUNAS
VILNIUS
LENINGRAD
ARKHANGELSK
MINSK
ORSHA
LUTSK
GOMEL
LVOV
IVANOVO
CHERNOVTSY
MOSCOW
KIEV
GORKIY
KAZAN
KISHINEV
KURSK
VORONEZH
ODESSA
KUYBYSHEV
PERM
SVERDLOVSK
KHANTY-MANSIYSK
DNIEPROPETROVSK
SIMFEROPOL
DONETSK
ROSTOV
VOLGOGRAD
UFA
TYUMEN
URALSK
ORENBURG
CHELYABINSK
PETROPAVLOVSK
KUSTANAY
OMSK
KENGA
TOMSK
NOVOSIBIRSK
KRANSNOYARSK
IZMIR
ANKARA
KRASNODAR
ASTRAKHAN
GURYEV
STAVROPOL
ORDZHONIKIDZE
BATUMI
TBILISI
KARS
YEREVAN
MAKHACH-KALA
BAKU
KHILLY
ALEPPO
ALEXANDRIA
JERUSALEM
DAMASCUS
MOSUL
TABRIZ
RASHT
TEHRAN
CAIRO
EILAT
AMMAN
BAGHDAD
KERMAN-SHAH
GORGAN
ASHKHABAD
NUKUS
KZYL ORDA
KARAGANDA
BARNAUL
SEMIPALATINSK
ABAKAN
KYZYL
IRKUTSK
ULAN UDE
CHITA
BLAGOVECHTCHEN
KHABAROVSK
YAKUTSK
MAGADAN
PETROPAVLOVSK
KAMCHATSKIY
NIKOLAEVSKAMUR
KOMSOMOLSKAMUR
YUZHNO-SAKHALINSK
KUSHIRO
SAPPORO
HAKODATE
AOMORI
AKITA
SENDAI
VLADIVOSTOK
QIQIHAR
HARBIN
JILIN
XILINHOT
CHANGCHUN
ULAN BATOR
CHOYBALSAN
ULAANGOM
ULIASTY
MUKDEN
PYONGYANG
CHUNCHON
SEOUL
MOKPU
PUSAN
KANAZAWA
NAGOYA
TOKYO
MATSUE
OSAKA
HIROSHIMA
KOCHI
FUKUOKA
KUMAMOTO
KAGOSHIMA
NAGASAKI
BEIJING
HOHHOT
TIANJIN
TAIYUAN
QINGDAO
XINING
LANZHOU
ZHENGZHOU
SHANGHAI
NANJING
CHANZHOU
XIAN
WUHAN
HANGZHOU
WENCHOW
NAHA
FUZHOU
TAIPEI
TAINAN
CHENGDU
CHONGQING
CHANGSHA
GUIYANG
GUANGZHOU
NANNING
HANOI
LAOAG
MANILA
QUEZON CITY
DAVAO CITY
KOROR
YAP
HUE
VIENTIANE
RANGOON
BANGKOK
PNOM PENH
DALAT
HO CHI MINH CITY
KOTA KINABALU
MENADO
TERNATE
MANOKWARI
SORONG
PENANG
URUMQI
ALMA ATA
FRUNZE
DZHAMBUL
CHIMKENT
TASHKENT
SAMARKAND
BUKHARA
DUSHANBÉ
MASHAD
ISFAHAN
AHWAZ
SHIRAZ
KERMAN
BANDAR ABBAS
ZAHEDAN
QUETTA
KABUL
PESHAWAR
RAWALPINDI
SRINAGAR
JAMMU
LAHORE
CHANDIGARH
LHASA
NEW DELHI
LUCKNOW
KATHMANDU
KARACHI
BHUJ
AHMEDABAD
BHOPAL
RANCHI
CALCUTTA
DHAKA
RAJKOT
CUTTACK
BOMBAY
POONA
HYDERABAD
GOA
BANGALORE
MYSORE
MADRAS
PONDICHERRY
TRICHUR
TIRUCHIRAPALLI
TRIVANDRUM
ANURADHAPURA
COLOMBO
ISTANBUL
BENGHAZI
ALEXANDRIA
CAIRO
JIDDAH
MECCA
ASMARA
SANA
ADEN
ADDIS ABABA
ABU DHABI
MUSCAT
KUWAIT
TALLINN
RIGA
LENINGRAD
MINSK
LVOV
KIEV
KISHINEV
ODESSA
DONETSK
ROSTOV
VOLGOGRAD
KRASNODAR
STAVROPOL
ORDZHONIKIDZE
BATUMI
TBILISI
KARS
YEREVAN
MAKHACH-KALA
BAKU
KHILLY
TABRIZ
RASHT
TEHRAN
GORGAN
ASHKHABAD
BUKHARA
SAMARKAND
DUSHANBÉ
MASHAD
ISFAHAN
AHWAZ
SHIRAZ
KERMAN
ZAHEDAN
BANDAR ABBAS
ABU DHABI
MUSCAT
KUWAIT
KABUL
PESHAWAR
RAWALPINDI
SRINAGAR
JAMMU
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CHANDIGARH
LHASA
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KOMSOMOLSKAMUR
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PENANG
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ULAANGOM
ULIASTY
CHITA
ULAN UDE
IRKUTSK
ABAKAN
KYZYL
KRANSNOYARSK
NOVOSIBIRSK
TOMSK
KENGA
OMSK
BARNAUL
SEMIPALATINSK
KARAGANDA
KUSTANAY
CHELYABINSK
PETROPAVLOVSK
ORENBURG
URALSK
UFA
TYUMEN
SVERDLOVSK
PERM
KHANTY-MANSIYSK
KAZAN
GORKIY
MOSCOW
IVANOVO
GOMEL
LUTSK
LVOV
CHERNOVTSY
KIEV
KURSK
VORONEZH
KUYBYSHEV
DNIEPROPETROVSK
SIMFEROPOL
DONETSK
ROSTOV
VOLGOGRAD
KRASNODAR
ASTRAKHAN
GURYEV
STAVROPOL
ORDZHONIKIDZE
BATUMI
TBILISI
KARS
YEREVAN
MAKHACH-KALA
BAKU
KHILLY
TABRIZ
RASHT
TEHRAN
GORGAN
ASHKHABAD
BUKHARA
SAMARKAND
DUSHANBÉ
MASHAD
ISFAHAN
AHWAZ
SHIRAZ
KERMAN
BANDAR ABBAS
ZAHEDAN
QUETTA
KABUL
PESHAWAR
RAWALPINDI
SRINAGAR
JAMMU
LAHORE
CHANDIGARH
LHASA
NEW DELHI
LUCKNOW
KATHMANDU
KARACHI
BHUJ
AHMEDABAD
BHOPAL
RANCHI
CALCUTTA
DHAKA
RAJKOT
CUTTACK
BOMBAY
POONA
HYDERABAD
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BANGALORE
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MADRAS
PONDICHERRY
TRICHUR
TIRUCHIRAPALLI
TRIVANDRUM
ANURADHAPURA
COLOMBO
ISTANBUL
BENGHAZI
ALEXANDRIA
CAIRO
EILAT
JERUSALEM
DAMASCUS
AMMAN
BAGHDAD
ASMARA
SANA
ADEN
ADDIS ABABA
ABU DHABI
MUSCAT
KUWAIT
MEDITERRANEAN SEA
BLACK SEA
CASPIAN SEA
RED SEA
ARABIAN SEA
BAY OF BENGAL
GULF OF
SOUTH CHINA SEA
EAST CHINA SEA
SEA OF JAPAN
NORTH PACIFIC OCEAN
INDIAN OCEAN

# CHINA (People's Rep. of)

**L.T:** UTC + 8h throughout continental China.
**Pr.L:** Putonghua (Standard Chinese), Amoy, Cantonese, Fuzhou, Hakka, Kazakh, Korean, Mongolian, Tai, Tibetan, Uighur, a.o.

## DIRECTORATE GENERAL OF TELECOMMUNICATIONS

Ministry of Posts and Telecommunications, Beijing, **Cable:** Gentel.

## CENTRAL BROADCASTING ADMINISTRATION (Gov.)

**ADDR:** Outside Fu Xin Men, Beijing.
**L.P:** Zhang Xiangshan.

## CENTRAL PEOPLE'S BROADC. STATION

**ADDR:** Xi Chang An Jie 3, Beijing.

**Administrative Levels and Official P.R.C. Abbreviations**
The People's Republic of China is broken into three main administrative levels (first Order); i.e. Province (21), Autonomous Region (5), and Municipality (3). There are over 2300 second and third order administrative divisions. The first order divisions are under direct control of the Central Government in Beijing. The other order divisions are administrated by lower or sub-government supervision.
The 29 regions, with their abbreviations and name in CPA version (see note below) followed by the old spelling in brackets:
**AH:** Anhui (Anhwei) — **BJ:** Beijing M. (Peking) — **FJ:** Fujian (Fukien) — **GD:** Guangdong (Kwangtung) — **GS:** Gansu (Kansu) — **GX:** Guangxi A.R. (Kwangsi) — **GZ:** Guizhou (Kweichow) — **HB:** Hubei (Hupeh) — **HEB:** Hebei (Hopeh) — **HEN:** Henan (Honan) — **HL:** Heilongjiang (Heilungkiang) — **HN:** Hunan (Hunan) — **JL:** Jilin (Kirin) — **JS:** Jiangsu (Kiangsu) — **JX:** Jiangxi (Kiangsi) — **LN:** Liaoning (Liaoning) — **NM:** Nei Menggu A.R. (Inner Mongolia) — **NX:** Ningxia A.R. (Ningsia) — **QH:** Qinghai (Tsinghai) — **SC:** Sichuan (Szechwan) — **SD:** Shandong (Shantung) — **SH:** Shanghai M. (Shanghai) — **SN:** Shaanxi (Shensi) — **SX:** Shanxi (Shansi) — **TJ:** Tianjin M. (Tientsin) — **XJ:** Xinjiang A.R. (Sinkiang) — **XZ:** Xizang A.R. (Tibet) — **YN:** Yunnan (Yunnan) — **ZJ:** Zhejiang (Chekiang)

### DOMESTIC SERVICES
### Principal Structure

**Central Services:** Central People's Broadcasting Station (Zhongyang Renmin Guangbo Diantai): 1st prgr = **CPBS 1,** 2nd prgr = **CPBS 2.** CPBS 1 key newscasts are named "Gedi Renmin Guangbo Diantai" (=Nationwide PBS) and are relayed by the regional sce's, as well as certain other CPBS prgr's. — CPBS Taiwan Sce (Taiwan Guangbo): 1st prgr = **Taiwan 1,** in Putonghua, 2nd prgr = **Taiwan 2,** in Putonghua, Amoy and Hakka. — Fujian Front Station: Voice of the Strait (Haixia zhi Sheng), 1st prgr = **Haixia 1,** in Putonghua and small amount Amoy; 2nd prgr = **Haixia 2,** in Putonghua and Amoy.

**Regional Services: P** = Provincial, **A** = Autonomous Municipality, **L** = Local (city, prefecture) service. Add "Renmin Guangbo Diantai" (People's Broadcasting Station) to the station name shown in the table below to obtain the full name in Putonghua. The names are different in minority languages.

**Languages:** Putonghua (Standard Chinese), based on the Beijing dialect, is used in broadcasts throughout China. Various dialects (Amoy, Cantonese, Hakka, etc) are included in the relevant regional services and in Central broadcasts to Taiwan. Putonghua and dialects are denoted **Ch** in the table below. **Minority languages: Kz** =Kazakh; **Ko** = Korean; **Mi** = unspecified minority languages; **Mo** = Mongolian; **Tb** = Tibetan; **Ug** = Uighur. These are broadcast in the relevant regions. Certain minority prgr's are produced in Beijing and transmitted on SW to the regional st's, cfr. listing at the end of the domestic SW table below.

**Romanization system:** The Pinyin or Chinese Phonetic Alphabet (CPA), which has been declared the official romanization system in the People's Rep. of China, is used throughout this text, except for Taiwan, to transliterate Chinese names and words. CPA reflects the pronunciation of Putonghua more closely than other romanization systems, although the pronunciation of certain letters is quite different from the usage in Western languages.

**Technical facilities:** CPBS 1 and 2 prgrs are radiated by a large number of trs throughout China. Many MW trs have been grouped on synchronized freqs, denoted **synchro** instead of a certain location below. Several sites all over China are used for SW relays. Regional services are radiated by a **Key** transmitter near the studio, and where required is relayed by further trs, denoted **R** in the table below. Relay trs may be synchronized with each other or the key tr. An attempt has been made to divide the trs into high power, **hp,** (roughly 5 to 350kW) and low power, **lp,** (below 5kW). The freqs of lp trs often are variable or offset. Such trs have been listed below on the assumed nominal freq. Site and power data is not available from official sources. Taiwan 1 and 2 MW trs as well as all Haixia 1 and 2 trs are assumed to be located in Fujian Province, although certain trs may be located elsewhere. Taiwan 1 and 2 SW trs are assumed to be located near Beijing, but this is only tentative.

**Schedules:** Most regional sces operate on split scheds. To save space, such scheds are only shown for the key freq in the MW listing below. For all other MW trs reference is made to the key freq (i e "as 810" = refer to 810kHz for sched). The list below shows the normal transmission times according to monitoring or st information. During weekends certain transmissions may be extended, but such details have been omitted here. For SW sts +) indicates the existence of such an extension.

**Mediumwaves:** 1 = province; 2 = service area level; 3 = technical category. For explanations, refer to above text.

| kHz | 1 | 2 | 3 | Service | City | L | Times |
|---|---|---|---|---|---|---|---|
| 531 | ZP | P | Rlp | Zhejiang 1 | | Ch | as 810 |
| 531 | HN | P | Rlp | Hunan | | Ch | 2100-1510 |
| 531 | | C | lp | CPBS 1 | | Ch | 2000-1730 |
| 531 | | C | lp | CPBS 2 | | Ch | 2100-1600 |
| 540 | | C | hp | CPBS 1 | synchro | Ch | 2000-1730 |
| 549 | SX | P | R | Shanxi 1 | | Ch | as 819 |
| 549 | NM | L | Key | Chifeng | Chifeng | Ch | 2105-1400 |
| 549 | | C | | CPBS 1 | | Ch | 2000-1730 |
| 549 | FJ | T | hp | Taiwan 1 | | Ch | 0055-0610 |
| | | | | | | | 0955-2400 |
| 558 | XJ | P | Key | Xinjiang | Urumqi | Ug | 2300-0200 |
| | | | | | | | 0330-0730 |
| | | | | | | | 1030-1730 |
| 558 | FJ | P | Rlp | Fujian 1 | | Ch | as 882 |
| 567 | | C | hp | CPBS 1 | | Ch | 2000-1730 |
| 576 | YN | P | Rhp | Yunnan 1 | | Ch | as 990 |
| 576 | ZJ | P | Rlp | Zhejiang 1 | | Ch | as 810 |
| 585 | ZJ | P | Rlp | Zhejiang 1 | | Ch | as 810 |
| 585 | | C | hp | CPBS 1 | | Ch | 2000-1730 |
| 594 | SD | P | Key | Shandong 1 | Jinan | Ch | 2055-0130 |
| | | | | | | | 0245-0630 |
| | | | | | | | 0845-1600 |
| 594 | XZ | P | Key | Xizang | Lhasa | Tb | 2230-0200 |
| | | | | | | | 0330-0545 |
| | | | | | | | 1000-1545 |
| 594 | YN | P | Rlp | Yunnan | | Ch | as 990 |
| 594 | | C | | CPBS 1 | | Ch | 2000-1730 |
| 594 | FJ | T | hp | Taiwan 2 | | Ch | 2055-0100 |
| | | | | | | | 0355-1800 |
| 603 | | C | | CPBS 2 | | Ch | 2100-1600 |
| 612 | FJ | P | Rhp | Fujian 1 | | Ch | as 882 |
| 612 | LN | P | Rhp | Liaoning | | Ch | as 1260 |
| 612 | SC | P | Rlp | Sichuan 1 | | Ch | as 1116 |
| 621 | HL | P | Key | Heilongjiang 1 | Harbin | Ch | 2050-0610 |
| | | | | | | | 0855-1500 |
| 621 | QH | L | Key | Haixi | Da Qaidam | Ch | 2230- |
| 630 | XJ | P | Rlp | Xinjiang | | Ch | as 738 |
| 630 | ZP | P | Key | Zhejiang 2 | Hangzhou | Ch | 2110-0020 |
| | | | | | | | 0250-1455 |
| 630 | | C | hp | CPBS 2 | synchro | Ch | 2100-1600 |
| 639 | GX | P | Rlp | Guangxi | Guilin | Mi | as 846 |
| 639 | SN | P | Rlp | Shaanxi | | Ch | as 693 |
| 639 | | C | hp | CPBS 1 | Beijing + | Ch | 2000-1730 |
| 648 | SH | A | Key | Shanghai 4 | Shanghai | Ch | 2125-2330 |
| | | | | | | | 0355-0530 |
| | | | | | | | 0725-1000 |
| | | | | | | | 1155-1330 |
| 648 | GD | P | Key | Guangdong 1 | Guangzhou | Ch | 2050-0005 |
| | | | | | | | 0250-1550 |
| 657 | HEN | P | Key | Henan 1 | Zhengzhou | Ch | 2120-0010 |
| | | | | | | | 0340-1515 |

| kHz | 1 | 2 | 3 | Service | City | L | Times |
|---|---|---|---|---|---|---|---|
| 666 | AH | L | Key | Hefei | Hefei | Ch | |
| 666 | HL | L | Key | Jiamusi | Jiamusi | Ch | 2050-2400 |
| | | | | | | | 0255-0500 |
| | | | | | | | 0855-1400 |
| 666 | JL | L | Key | Siping | Siping | Ch | 2135-0030 |
| | | | | | | | 0855-1430 |
| 666 | LN | L | Key | Jinzhou | Jinzhou | Ch | 2125-0100 |
| | | | | | | | 0325-0645 |
| | | | | | | | 0855-1400 |
| 666 | QH | P | Key | Qinghai | Xining | Ch | 2155-0115 |
| | | | | | | | 0355-0630 |
| | | | | | | | 0955-1530 |
| 666 | FJ | T | | Haixia 1 | | Ch | 0955-2355 |
| 675 | NM | P | Key | Nei Menggu | Hohhot | Ch | 2130-0530 |
| | | | | | | | 0930-1500 |
| 675 | XJ | P | Rlp | Xinjiang | | Ch | as 738 |
| 675 | | C | lp | CPBS 1 | | Ch | 2000-1730 |
| 684 | GS | P | Key | Gansu | Lanzhou | Ch | 2130-0130 |
| | | | | | | | 0300-0620 |
| | | | | | | | 0900-1600 |
| 684 | HEB | L | Key | Tangshan | Tangshan | Ch | |
| 684 | HL | L | Key | Mudanjiang | Mudanjiang | Ch | 2055-2400 |
| | | | | | | | 0255-0620 |
| | | | | | | | 0835-1430 |
| 684 | LN | L | Key | Fushun | Fushun | Ch | |
| 684 | XJ | P | Rlp | Xinjiang | | Ch | as 738 |
| 684 | ZJ | L | Key | Zhoushan | Zhoushan | Ch | 2110-0400 |
| | | | | | | | 0900-1405 |
| 684 | | C | lp | CPBS 2 | | Ch | 2100-1600 |
| 684 | FJ | T | | Taiwan 2 | | Ch | as 594 |
| 693 | SN | P | Key | Shaanxi | Xi'an | Ch | 2120-0635 |
| | | | | | | | 0930-1515 |
| 693 | ZJ | P | Rlp | Zhejiang 1 | | Ch | as 810 |
| 693 | FJ | T | | Taiwan 1 | | Ch | as 549 |
| 702 | JS | P | Key | Jiangsu 1 | Nanjing | Ch | 2045-0010 |
| | | | | | | | 0025-0530 |
| | | | | | | | 0725-1540 |
| 702 | XJ | P | Rlp | Xinjiang | | Ch | as 738 |
| 711 | QH | P | Rhp | Qinghai | | Ch | as 666 |
| 720 | | C | hp | CPBS 2 | Beijing + | Ch | 2100-1600 |
| 729 | JX | P | Key | Jiangxi | Nanchang | Ch | 2100-1505 |
| 738 | HN | P | Key | Hunan | Changsha | Ch | 2100-0100 |
| | | | | | | | 0320-0515 |
| | | | | | | | 0920-1510 |
| 738 | JL | P | Key | Jilin | Changchun | Ch | 2050-0600 |
| | | | | | | | 0820-1505 |
| 738 | XJ | P | Key | Xinjiang | Urumqi | Ch | 2300-0200 |
| | | | | | | | 0330-0730 |
| | | | | | | | 1030-1730 |
| 747 | YN | L | Key | Xishuang-bannazhou | Jinghong | | 2200-0130 |
| | | | | | | | 0300-0630 |
| | | | | | | | 0950-1530 |
| 747 | | C | | CPBS 2 | | Ch | 2100-1600 |
| 756 | | C | | CPBS 1 | | Ch | 2000-1730 |
| 765 | GZ | P | R | Guizhou | | Ch | as 927 |
| 765 | NM | P | R | Nei Menggu | | Ch | as 675 |
| 765 | FJ | T | | Taiwan 1 | | Ch | as 549 |
| 774 | HB | P | Key | Hubei 1 | Wuhan | Ch | 2100-0610 |
| | | | | | | | 0850-1535 |
| 783 | FJ | P | Rlp | Fujian 1 | | Ch | as 882 |
| 783 | GD | P | R | Guangdong | Huiyang | Ch | 2120- |
| 783 | HEB | P | Key | Hebei | Shijia-zhuang | Ch | 2120-2355 |
| | | | | | | | 0155-0600 |
| | | | | | | | 0830-1545 |
| 792 | GX | P | Key | Guangxi 1 | Nanning | Ch | 2110-0500 |
| | | | | | | | 0850-1605 |
| 792 | LN | L | Key | Shenyang | Shenyang | Ch | 2100-0440 |
| | | | | | | | 0815-1500 |
| 792 | SH | A | Key | Shanghai 2 | Shanghai | Ch | 2100-1525 |
| | | | | | | | 1540-2045 |
| 792 | FJ | T | | Taiwan 1 | | Ch | as 549 |
| 801 | GD | P | Rlp | Guangdong 1 | | Ch | as 648 |
| 801 | | C | lp | CPBS 1 | | Ch | 2000-1730 |
| 810 | SN | L | Key | Xi'an 1 | Xi'an | Ch | 2150-0030 |
| | | | | | | | 0325-0600 |
| | | | | | | | 0825-1500 |
| 810 | XJ | P | Rlp | Xinjiang | | Ug | as 538 |
| 810 | ZJ | P | Key | Zhejiang 1 | Hangzhou | Ch | 2050-0530 |
| | | | | | | | 0850-1505 |
| 819 | SX | P | Key | Shanxi 1 | Taiyuan | Ch | 2110- |
| 819 | SX | | Key | Shanxi 1 | Taiyuan | Ch | 0905-1545 |
| 819 | FJ | T | | Haixia 2 | | Ch | 0355-1755 |
| 828 | BJ | A | Key | Beijing 1 | Beijing | Ch | 2120-0540 |
| | | | | | | | 0750-1500 |
| 828 | HEN | P | R | Henan 1 | | Ch | as 657 |
| 837 | FJ | P | Rlp | Fujian 1 | | Ch | as 882 |
| 837 | HL | L | Key | Harbin | Harbin | Ch | 2110-0500 |
| | | | | | | | 0855-1440 |
| 837 | | C | hp | CPBS 1 | | Ch | 2000-1730 |
| 846 | GX | P | Key | Guangxi 2 | Nanning | Mi | 2130-2400 |
| | | | | | | | 0300-0620 |
| | | | | | | | 0950-1600 |
| 846 | HEN | P | Rlp | Henan 1 | | Ch | as 657 |
| 846 | SX | P | R | Shanxi 1 | | Ch | as 819 |
| 846 | XJ | P | Rlp | Xinjiang | | Ug | as 558 |
| 846 | XZ | P | Key | Xizang | Lhasa | Ch | 2230-0200 |
| | | | | | | | 0350-0650 |
| | | | | | | | 1000-1445 |
| 846 | ZJ | P | Rlp | Zhejiang 1 | | Ch | as 810 |
| 846 | FJ | T | | Haixia 1 | | Ch | 0955-2355 |
| 846 | JS | L | Key | Changzhou | Changzhou | Ch | |
| 846 | | C | lp | CPBS 2 | | Ch | 2100-1600 |
| 855 | | C | hp | CPBS 2 | synchro | Ch | 2100-1600 |
| 864 | AH | P | Rlp | Anhui | | Ch | as 936 |
| 864 | | C | lp | CPBS 1 | | Ch | 2000-1730 |
| 873 | GS | P | Rlp | Gansu | | Ch | as 684 |
| 873 | HL | P | Key | Heilongjiang 2 | Harbin | Ko | 2055-2230 |
| | | | | | | Ch | 0155-0500 |
| | | | | | | Ch/ | |
| | | | | | | Ko | 0755-1250 |
| 873 | HB | L | Key | Wuhan 1 | Wuhan | Ch | 2130-0515 |
| | | | | | | | 0730-1500 |
| 873 | JS | P | Key | Jiangsu 2 | Nanjing | Ch | 2105-0030 |
| | | | | | | | 0055-0500 |
| | | | | | | | 0715-1530 |
| 873 | | C | lp | CPBS 1 | | Ch | 2000-1730 |
| 882 | FJ | P | Key | Fujian 1 | Fuzhou | Ch | 2050-1700 |
| 882 | LN | L | Key | Dalian 1 | Dalian | Ch | 2050-0100 |
| | | | | | | | 0325-1435 |
| 882 | LN | L | Key | Shenyang | Shenyang | Ch | as 792 |
| 882 | XJ | P | Rlp | Xinjiang | | Ug | as 558 |
| 891 | LN | L | Key | Dandong | Dandong | Ch | 2050-2355 |
| | | | | | | | 0250-0530 |
| | | | | | | | 0800-1430 |
| 891 | NX | P | Key | Ningxia | Yinchuan | Ch | 2120-0110 |
| | | | | | | | 0345-0600 |
| | | | | | | | 0925-1530 |
| 891 | | C | | CPBS 2 | | Ch | 2100-1600 |
| 900 | HL | P | Rhp | Heilongjiang 1 | | Ch | as 621 |
| 900 | | C | | CPBS 1 | | Ch | 2000-1730 |
| 909 | HL | L | Key | Yichun | Yichun | Ch | 2050-1400 |
| 909 | JL | L | Key | Tonghua | Tonghua | Ch | 2040-0005 |
| | | | | | | | 0325-0540 |
| | | | | | | | 0845-1400 |
| 909 | QH | P | Rlp | Qinghai 1 | | Ch | as 666 |
| 909 | SC | P | Rhp | Sichuan 1 | | Ch | as 1116 |
| 909 | TJ | A | Key | Tianjin 1 | Tianjin | Ch | 2130-0545 |
| | | | | | | | 0735-1515 |
| 909 | XJ | P | Key | Xinjiang | Urumqi | Kz | 0000-0230 |
| | | | | | | | 0530-0700 |
| | | | | | | | 1200-1700 |
| 918 | SD | P | Rhp | Shandong 1 | | Ch | as 594 |
| 918 | FJ | P | Rlp | Fujian 1 | | Ch | as 882 |
| 927 | BJ | A | Key | Beijing 2 | Beijing | Ch | 2250-0520 |
| | | | | | | | 0720-1610 |
| 927 | GZ | P | Key | Guizhou | Guiyang | Ch | 2130-0030 |
| | | | | | | | 0150-0600 |
| | | | | | | | 0850-1650 |
| 927 | JL | L | Key | Jilin-shi 1 | Jilin | Ch | 2100-2400 |
| | | | | | | | 0320-0600 |
| | | | | | | | 0840-1430 |
| 927 | FJ | T | | Taiwan 2 | | Ch | as 594 |
| 936 | AH | P | Key | Anhui | Hefei | Ch | 2100-0530 |
| | | | | | | | 0710-1500 |
| 936 | HEB | L | Key | Qinhuangdao | Qinhuangdao | Ch | 2120-2330 |
| 936 | JS | L | Rlp | Lianyungang | Lianyungang | Ch | as 1350 |
| 936 | NM | P | Rlp | Nei Menggu | | Ch | as 675 |
| 936 | ZJ | P | Rlp | Zhejiang 1 | | Ch | as 810 |
| 945 | FJ | P | Rlp | Fujian 1 | | Ch | as 882 |
| 945 | | C | | CPBS1 | synchro | Ch | 2000-1730 |

| kHz | 1 | 2 | 3 | Service | City | L | Times |
|---|---|---|---|---|---|---|---|
| 954 | GD | L | Key | Hainan | Haikou | Ch | 2100-2400 |
| | | | | | | | 0250-0600 |
| | | | | | | | 0900-1500 |
| 954 | LN | L | Key | Anshan 1 | Anshan | Ch | 2100-2400 |
| | | | | | | | 0255-0500 |
| | | | | | | | 0900-1430 |
| 954 | SD | L | Key | Yantai | Yantai | Ch | |
| 954 | TJ | A | Key | Tianjin 4 | Tianjin | Ch | 2150-0200 |
| | | | | | | | 0355-0800 |
| | | | | | | | 1055-1500 |
| 954 | XJ | P | Rlp | Xinjiang | | Kz | as 909 |
| 954 | FJ | T | | Haixia 2 | | Ch | 0355-1755 |
| 963 | LN | P | Rhp | Liaoning | Jinzhou | Ch | as 1260 |
| 963 | XJ | P | R | Xinjiang | | Kz | as 909 |
| 963 | ZJ | P | Rlp | Zhejiang 1 | | Ch | as 810 |
| 972 | HEN | P | Key | Henan 2 | Zhengzhou | Ch | 2140-0530 |
| | | | | | | | 0855-1400 |
| 972 | HL | L | Key | Harbin | Harbin | Ch | 2055-2400 |
| | | | | | | | 0325-0630 |
| | | | | | | | 0925-1230 |
| 972 | XJ | P | Rlp | Xinjiang | | Kz | as 909 |
| 972 | FJ | T | | Taiwan 2 | | Ch | as 594 |
| 981 | | C | hp | CPBS 1 | synchro | Ch | 2000-1730 |
| 990 | LN | L | R | Dalian 1 | | Ch | as 882 |
| 990 | SH | A | Key | Shanghai 1 | Shanghai | Ch | 2100-1615 |
| 990 | XJ | P | Rlp | Xinjiang | | Kz | as 909 |
| 990 | YN | P | Key | Yunnan 1 | Kunming | Ch | 2150-0100 |
| | | | | | | | 0225-0600 |
| | | | | | | | 0855-1600 |
| 999 | GD | L | Key | Guangzhou 1 | Guangzhou | Ch | 2100-1600 |
| 999 | XJ | P | Rhp | Xinjiang | | Ch | as 738 |
| 999 | | C | lp | CPBS 1 | | Ch | 2000-1730 |
| 1008 | JS | L | Key | Nanjing | Nanjing | Ch | 2125-2340 |
| | | | | | | | 0155-0510 |
| | | | | | | | 0755-1500 |
| 1008 | SN | P | Rhp | Shaanxi | | Ch | as 693 |
| 1008 | FJ | T | | Haixia 2 | | Ch | 0355-1755 |
| 1017 | SN | L | Key | Baoji | Baoji | Ch | 2140-2400 |
| 1017 | | C | hp | CPBS 1 | synchro | Ch | 2000-1730 |
| 1026 | BJ | A | Key | Beijing 3 | Beijing | Ch | 2200-0750 |
| | | | | | | | 1045-1600 |
| 1026 | GZ | P | Rhp | Guizhou | | Ch | as 927 |
| 1026 | LN | L | Key | Yingkou | Yingkou | Ch | 2115-0025 |
| | | | | | | | 0310-0525 |
| | | | | | | | 0755-1440 |
| 1026 | | C | lp | CPBS 1 | | Ch | 2000-1730 |
| 1035 | | C | hp | CPBS 1 | | Ch | 2000-1730 |
| 1044 | XJ | P | R | Xinjiang | | Ug | as 558 |
| 1044 | | C | hp | CPBS 2 | synchro | Ch | 2100-1600 |
| 1053 | HB | L | Key | Wuhan 2 | Wuhan | Ch | 0350-1430 |
| (v1075) | | | | | | | |
| 1053 | JL | L | Key | Yanbian | Yanji | Ch | 2025-2300 |
| | | | | | | | 0255-0530 |
| | | | | | | | 0900-1500 |
| 1053 | SD | L | Key | Jinan | Jinan | Ch | |
| 1053 | YN | L | Key | Wenshan | Wenshan | Ch | |
| 1053 | | C | | CPBS 1 | | Ch | 2000-1730 |
| 1062 | GD | P | Key | Guangdong 2 | Guangzhou | Ch | 2100-0600 |
| | | | | | | | 0900-1600 |
| 1071 | FJ | P | Rlp | Fujian 1 | | Ch | as 882 |
| 1071 | GX | P | R | Guangxi 1 | | Ch | as 792 |
| 1071 | LN | L | Key | Anshan 2 | Anshan | Ch | 2155- |
| 1071 | SN | L | Key | Baoji | Baoji | Ch | 2140-0030 |
| 1071 | TJ | A | Key | Tianjin 2 | Tianjin | Ch | 2215-0020 |
| | | | | | | | 0135-0840 |
| | | | | | | | 0955-1500 |
| 1080 | GD | L | Key | Shantou | Shantou | Ch | -1520 |
| 1080 | HL | L | Key | Daqing | Daqing | Ch | 0920-1400 |
| 1080 | JS | L | Key | Suzhou | Suzhou | Ch | 0825-1410 |
| 1080 | SC | L | Key | Chongqing 2 | Chongqing | Ch | |
| 1080 | XJ | P | Rlp | Xinjiang | | Ug | as 558 |
| 1080 | ZJ | P | Rlp | Zhejiang 1 | | Ch | as 810 |
| 1089 | LN | P | Rhp | Liaoning | | Ch | as 1260 |
| 1089 | SC | P | Key | Sichuan 2 | Chengdu | Ch/ | 2050-0030 |
| | | | | | | Mi | 0950-1320 |
| 1089 | | C | | CPBS 2 | | Ch | 2100-1600 |
| 1089 | FJ | T | | Taiwan 2 | | Ch | as 594 |
| 1098 | NM | P | Rlp | Nei Menggu | | Mo | as 1458 |
| 1098 | | C | | CPBS 2 | | Ch | 2100-1600 |
| 1107 | FJ | L | Key | Xiamen | Xiamen | Ch | 2110-0500 |
| | | | | | | | 0750-1400 |
| 1107 | HL | L | Key | Shuang-yashan | Shuang-yashan | Ch | 2050-2400 |
| | | | | | | | 0325-0500 |
| | | | | | | | 0850-1415 |
| 1107 | HEN | L | Key | Luoyang | Luoyang | Ch | |
| 1107 | JL | P | Rlp | Jilin | | Ch | as 738 |
| 1107 | NM | P | Rlp | Nei Menggu | | Ch | as 675 |
| 1107 | | C | lp | CPBS 1 | | Ch | 2000-1730 |
| 1107 | | C | lp | CPBS 2 | | Ch | 2100-1600 |
| 1116 | HL | P | R | Heilongjiang 1 | | Ch | as 621 |
| 1116 | SC | P | Key | Sichuan 1 | Chengdu | Ch | 2110-0030 |
| | | | | | | | 0320-0630 |
| | | | | | | | 0730-1505 |
| 1116 | | C | lp | CPBS 2 | | Ch | 2100-1600 |
| 1116 | FJ | T | | Taiwan 1 | | Ch | as 549 |
| 1125 | HEB | L | Key | Hengshui | Hengshui | Ch | 2210-1330 |
| 1125 | JX | L | Key | Pingxiang | Pingxiang | Ch | 2100-2400 |
| 1125 | ZJ | P | Rlp | Zhejiang 1 | | Ch | as 810 |
| 1134 | GD | L | Key | Zhanjiang | Zhanjiang | Ch | 2130- |
| 1134 | SN | L | Key | Tongchuan | Tongchuan | Ch | |
| 1134 | ZJ | P | Rlp | Zhejiang 1 | | Ch | as 810 |
| 1143 | QH | P | Key | Qinghai 2 | Xining | Ch | 2225-0200 |
| | | | | | | | 0425-0715 |
| | | | | | | | 1025-1450 |
| 1143 | SD | L | Key | Zibo | Zibo | Ch | |
| 1143 | ZJ | P | Rlp | Zhejiang 1 | | Ch | as 810 |
| 1152 | HN | P | Rhp | Hunan | | Ch | as 738 |
| 1152 | LN | L | | Dalian 1 | | Ch | as 882 |
| 1152 | NM | L | Key | Zhelimu | Tongliao | Ch | 2130- |
| 1161 | GX | P | | Guangxi 2 | | Mi | as 846 |
| 1161 | JS | L | Key | Wuxi | Wuxi | Ch | 2110-2400 |
| | | | | | | | 0155-0530 |
| | | | | | | | 0905-1410 |
| 1161 | | C | | CPBS 1 | | Ch | 2000-1730 |
| 1161 | | C | | CPBS 2 | | Ch | 2100-1600 |
| 1170 | SH | A | Key | Shanghai 3 | Shanghai | Ch | 2350-0410 |
| | | | | | | | 0650-1435 |
| | | | | R Shanghai 2 | | Ch | 1435-2350 |
| 1170 | ZJ | P | Rlp | Zhejiang 1 | | Ch | as 810 |
| 1170 | FJ | T | | Taiwan 1 | | Ch | as 549 |
| 1179 | HB | P | Key | Hubei 2 | Wuhan | Ch | 1055-1500 |
| 1179 | NM | P | R | Nei Menggu | | Mo | as 1458 |
| 1179 | NM | L | R | Wulanchabo | | Mo | as 1503 |
| 1188 | GD | L | Rlp | Hainan | | Ch | as 954 |
| 1188 | NM | P | Rlp | Nei Menggu | | Ch | as 675 |
| 1188 | NM | L | Key | Xing'an | | Ch | |
| 1197 | HL | L | Key | Qiqihar | Qiqihar | Ch | 2100-1430 |
| 1197 | HEN | P | Rlp | Henan 1 | | Ch | as 657 |
| 1197 | ZJ | P | Rlp | Zhejiang 1 | | Ch | as 810 |
| 1206 | JL | L | Key | Yanbian | Yanji | Ko | 2025-2335 |
| | | | | | | | 0300-0530 |
| | | | | | | | 0855-1430 |
| 1206 | | C | lp | CPBS 1 | | Ch | 2000-1730 |
| 1206 | | C | lp | CPBS 2 | | Ch | 2100-1600 |
| 1215 | HEN | P | Rlp | Henan 1 | | Ch | as 657 |
| 1215 | | C | | CPBS 1 | synchro | Ch | 2000-1730 |
| 1224 | GX | P | R | Guangxi 1 | Beihai | Mi | 2215-2400 |
| | | | | | | | 1035-1500 |
| 1224 | SC | P | R | Sichuan 1 | | Ch | as 1116 |
| 1224 | FJ | T | | Taiwan 2 | | Ch | as 594 |
| 1233 | HN | P | Rhp | Hunan | | Ch | 2100-0100 |
| | | | | | | | 0320-0515 |
| | | | | | | | 0920-1435 |
| 1242 | LN | P | Rlp | Liaoning | | Ch | as 1260 |
| 1242 | YN | P | Key | Yunnan 2-1 | Kunming | Mi | 2155-0130 |
| | | | | | | | 1055-1600 |
| 1251 | BJ | A | | R Beijing | Beijing | E | 1200-1500 |
| 1251 | QH | P | Key | Qinghai | Xining | Tb | 2235-0100 |
| | | | | | | | 0400-0545 |
| | | | | | | | 1030-1440 |
| 1251 | SH | A | Key | Shanghai 5 | Shanghai | Ch | 2125-2330 |
| | | | | | | | 0725-0930 |
| | | | | | | | 1025-1430 |
| 1251 | | C | Rlp | CPBS 2 | | Ch | 2100-1600 |
| 1260 | LN | P | Key | Liaoning | Shenyang | Ch | 2050-0100 |
| | | | | | | | 0250-0640 |
| | | | | | | | 0855-1500 |

| kHz | 1 | 2 | 3 | Service | City | L | Times |
|---|---|---|---|---|---|---|---|
| 1260 | JS | L | R | Wuxi | | Ch | as 1161 |
| 1260 | | C | lp | CPBS 1 | | Ch | 2000-1730 |
| 1269 | SX | P | Rhp | Shanxi | | Ch | as 819 |
| 1269 | FJ | T | | Haixia 1 | | Ch | 0955-2355 |
| 1278 | FJ | L | Rlp | Xiamen | | Ch | as 1107 |
| 1278 | HEB | P | Rhp | Hebei | | Ch | as 783 |
| 1278 | HL | L | Key | Daxing-'anling | Daxing-'anling | Ch | 2050-0100<br>0255-0520<br>0940-1500 |
| 1278 | JX | L | Key | Nanchang | Nanchang | Ch | 2120-0040<br>0150-0530<br>0840-1430 |
| 1287 | GD | L | Rlp | Zhanjiang | | Ch | as 1134 |
| 1287 | LN | L | Key | Fuxin | Fuxin | Ch | 2100-1400 |
| 1287 | NX | P | Rlp | Ningxia | | Ch | as 891 |
| 1287 | | C | hp | CPBS 1 | | Ch | 2000-1730 |
| 1296 | LN | L | Key | Benxi | Benxi | Ch | 2050-0015<br>0255-0530<br>0805-1430 |
| 1305 | | C | hp | CPBS 2 | synchro | Ch | 2100-1600 |
| 1314 | HB | L | Key | Xiangfan | Xiangfan | Ch | 2125-2400<br>0255-?<br>? -1315 |
| 1314 | JS | P | R | Jiangsu 1 | | Ch | as 702 |
| 1314 | SC | L | Key | Chongqing 1 | Chongqing | Ch | 2130-0005<br>0330-0600<br>0900-1520 |
| 1314 | XJ | C | Rhp | CPBS 1 | Yining | Ch | 2300-1400 |
| 1323 | HN | L | Key | Changsha | Changsha | Ch | 2130-2340<br>0325-0500<br>0925-1410 |
| 1323 | JL | L | Key | Baicheng | Baicheng | Ch | 2055-1430 |
| 1323 | SN | L | Key | Xi'an 2 | Xi'an | Ch | 2155-0005<br>0455-0840<br>1055-1500 |
| 1323 | ZJ | L | Key | Ningbo | Ningbo | Ch | 2100-0030<br>0150-0455<br>0850-1500 |
| 1332 | FJ | L | Key | Fuzhou | Fuzhou | Ch | 2125-2335<br>0115-0445<br>0920-1510 |
| 1332 | GS | L | Key | Gannan | Hezuozhen | Ch/Tb | 2220-0030<br>0400-0530<br>0900-1410 |
| 1332 | GX | P | Rlp | Guangxi 1 | | Ch | as 792 |
| 1332 | HEN | P | Rhp | Henan 1 | | Ch | as 657 |
| 1332 | JL | L | Key | Changchun 1 | Changchun | Ch | 2045-1500 |
| 1332 | JX | P | Rlp | Jiangxi | | Ch | as 729 |
| 1341 | HL | P | Rhp | Heilongjiang 1 | | Ch | as 621 |
| 1350 | JS | L | Key | Lianyungang | Lianyungang | Ch | 2050-0005<br>0210-0515<br>0850-1505 |
| 1350 | JX | P | Rlp | Jiangxi | | Ch | as 729 |
| 1350 | NM | L | Key | Zhelimu | Tongliao | Mo | 2125-0020<br>0240-0600<br>0955-1330 |
| 1350 | YN | P | Key | Yunnan 3 | Kunming | Ch | 2225-2400<br>0355-0600<br>1025-1435 |
| 1350 | | C | lp | CPBS 1 | | Ch | 2000-1730 |
| 1359 | | C | hp | CPBS 1 | synchro | Ch | 2000-1730 |
| 1368 | FJ | P | Rlp | Fujian 1 | | Ch | as 882 |
| 1368 | HL | L | Key | Jixi | Jixi | Ch | 2050-2330<br>0855-1330 |
| 1368 | NM | L | Key | Xilingol | Xilinhot | Mo | 2210-0120<br>0355-0600<br>0940-1305 |
| 1377 | SD | L | Key | Qingdao | Qingdao | Ch | 2100-1500 |
| 1377 | FJ | T | | Haixia 2 | | Ch | 0355-1755 |
| 1386 | FJ | P | Rlp | Fujian 1 | | Ch | as 882 |
| 1386 | TJ | A | Key | Tianjin 3 | Tianjin | Ch | 0150-0520<br>0950-1430 |
| 1395 | AH | P | R | Anhui | | Ch | as 936 |
| 1395 | FJ | P | Rlp | Fujian 1 | | Ch | as 882 |
| 1404 | FJ | P | Rlp | Fujian 1 | | Ch | as 882 |
| 1404 | HB | P | R | Hubei 1 | | Ch | as 774 |
| 1404 | LN | L | R | Dandong | | Ch | as 891 |
| 1404 | ZJ | P | Rlp | Zhejiang 1 | | Ch | as 810 |
| 1404 | | C | | CPBS 1 | | Ch | 2000-1730 |
| 1404 | HL | L | Key | Hegang | Hegang | Ch | 2055-2320<br>0325-?<br>0855-1330 |
| 1413 | JS | P | Rlp | Jiangsu 1 | | Ch | as 702 |
| 1413 | XJ | P | Rhp | Xinjiang | | Ug | as 558 |
| 1422 | FJ | P | Rlp | Fujian 1 | | Ch | as 882 |
| 1422 | HEN | P | Rlp | Henan 1 | | Ch | as 657 |
| 1422 | SC | L | Key | Zigong | Zigong | Ch | 2120-0035<br>0320-0530<br>0920-1605 |
| 1422 | SH | A | R | Shanghai 4 | Shanghai | Ch | as 648 |
| 1422 | SX | L | Key | Taiyuan | Taiyuan | Ch | 2155-0015<br>0355-0545<br>0935-1440 |
| 1431 | NM | L | Key | Hulun Bei'er | Hailar | Mo | 2120-2400<br>0355-0600<br>0925-1500 |
| 1431 | ZJ | P | Rlp | Zhejiang 1 | | Ch | as 810 |
| 1431 | FJ | T | | Taiwan 2 | | Ch | as 594 |
| 1440 | GZ | P | Rlp | Guangxi 1 | | Ch | as 792 |
| 1440 | JS | L | Key | Nantong | Nantong | Ch | 2120-0030<br>0155-0500<br>0835-1430 |
| 1440 | NM | L | Key | Chifeng | Chifeng | Mo | 0320-0610<br>1000-1400 |
| 1440 | SD | P | Rlp | Shandong | | Ch | as 594 |
| 1440 | | C | | CPBS 2 | | Ch | 2100-1730 |
| 1449 | HB | L | Key | Shashi | Shashi | Ch | |
| 1449 | JS | L | Key | Xuzhou | Xuzhou | Ch | 2130-0030<br>?-1430 |
| 1449 | JX | P | Rlp | Jiangxi | | Ch | as 729 |
| 1449 | JL | L | Key | Changchun 2 | Changchun | Ch | 2135-1500 |
| 1458 | JL | P | Rlp | Jilin | | Ch | as 738 |
| 1458 | NM | P | Key | Nei Menggu | Hohhot | Mo | 2120-0600<br>0900-1515 |
| 1467 | FJ | P | Key | Fujian 2 | Fuzhou | Ch | 2120-2400<br>0250-1600 |
| 1467 | HEB | P | Rlp | Hebei | Baoding | Ch | as 783 |
| 1476 | BJ | A | Key | Beijing 4 | Beijing | Ch | 2200-0600<br>0830-1430 |
| 1476 | HB | L | Key | Huangshi | Huangshi | Ch | 2130-2400<br>0255-0530<br>0900-1500 |
| 1476 | NM | L | Key | Xing'an | | Mo | |
| 1476 | ZJ | P | Rlp | Zhejiang 1 | | Ch | as 810 |
| 1476 | | C | | CPBS 2 | | Ch | 2100-1600 |
| 1476 | FJ | T | | Taiwan 1 | | Ch | 1530-1830 |
| 1485 | AH | L | Key | Bengbu | Bengbu | Ch | 2120-2400<br>0235-0500<br>0925-1310 |
| 1485 | GS | P | Rlp | Gansu | | Ch | as 684 |
| 1485 | GX | L | Key | Wuzhou | Wuzhou | Ch | |
| 1485 | HB | L | Key | Shiyan | Shiyan | Ch | |
| 1485 | HEN | L | Key | Pingdingshan | Ping-dingshan | Ch | 2150-0005<br>0355-0530<br>1025-1400 |
| 1485 | HEN | L | Key | Kaifeng | Kaifeng | Ch | 2230-0100<br>0350-0540<br>0930-1530 |
| 1485 | HN | P | Rlp | Hunan | | Ch | as 738 |
| 1485 | JS | P | Rlp | Jiangsu 1 | | Ch | as 702 |
| 1485 | JL | P | Rlp | Jilin | | Ch | as 738 |
| 1485 | SD | P | Rlp | Shandong | | Ch | as 594 |
| 1485 | ZJ | P | Rlp | Zhejiang 1 | | Ch | as 810 |
| 1494 | AH | P | Rlp | Anhui | | Ch | as 936 |
| 1494 | AH | L | Key | Wuhu | Wuhu | Ch | |
| 1494 | HEN | P | Rlp | Henan 1 | | Ch | as 657 |
| 1494 | HN | L | Key | Hengyang | Hengyang | Ch | |
| 1494 | FJ | P | Rlp | Fujian 1 | | Ch | as 882 |
| 1494 | JL | L | Key | Jilin-shi 2 | Jilin-shi | Ch | 2050-?<br>0340-0530<br>0955-1200 |
| 1494 | SX | P | Rlp | Shanxi | Jing-dongnan | Ch | as 819 |
| 1494 | XJ | P | Rlp | Xinjiang | | Ch | as 738 |
| 1503 | HN | L | Key | Xiangtan | Xiangtan | Ch | 2045-2315 |

| kHz | 1 | 2 | 3 | Service | City | L | Times |
|---|---|---|---|---|---|---|---|
| 1503 | HN | L | Key | Xiangtan | Xiangtan | Ch | 0315-0500 |
| | | | | | | | 0910-1400 |
| 1503 | LN | L | Key | Liaoyang | Liaoyang | Ch | 2115-1430 |
| 1503 | NM | P | Rlp | Nei Menggu | | Ch | as 675 |
| 1503 | NM | L | Key | Wulanchabo | Ulanhot | Mo | 2125-0515 |
| | | | | | | | 1010-1500 |
| 1503 | ZJ | P | Rlp | Zhejiang 1 | | Ch | as 810 |
| 1512 | NM | P | Rlp | Nei Menggu | | Ch | as 675 |
| 1512 | NM | L | R | Chifeng | Chifeng | Ch | as 549 |
| 1512 | NM | L | Key | Hulun Bei'er | Hailar | Ch | 2120-2400 |
| | | | | | | | 0330-0600 |
| | | | | | | | 0925-1500 |
| 1512 | SN | P | Rlp | Shaanxi | | Ch | as 693 |
| 1512 | FJ | T | | Taiwan 1 | | Ch | as 549 |
| 1521 | HB | L | Key | Yichang | Yichang | Ch | |
| 1521 | JS | P | Rlp | Jiangsu 1 | | Ch | as 702 |
| 1530 | JL | P | R | Jilin | | Ch | as 738 |
| 1530 | NM | P | Rlp | Nei Menggu | | Ch | as 675 |
| 1530 | SX | P | Key | Shanxi 2 | Taiyuan | Ch | |
| 1530 | ZJ | P | | Zhejiang 2 | | Ch | as 630 |
| 1539 | FJ | T | | Haixia 2 | | Ch | 0355-1755 |
| 1539 | GX | L | Key | Guilin | Guilin | Ch | 2155-2355 |
| | | | | | | | 0125-0455 |
| | | | | | | | 0905-1410 |
| 1548 | SD | P | Rhp | Shandong | | Ch | as 594 |
| 1557 | HEB | L | Key | Cangzhou | Cangzhou | Ch | 2155-2330 |
| | | | | | | | 0325-0430 |
| | | | | | | | 1025-1330 |
| 1566 | HEB | P | Rhp | Hebei | Hengshui | Ch | as 783 |
| 1575 | ZJ | L | Key | Wenzhou | Wenzhou | Ch | 2100-0005 |
| | | | | | | | 0240-0520 |
| | | | | | | | 0805-1505 |
| 1584 | AH | L | Key | Anqing | | Ch | 2110-2400 |
| | | | | | | | 0220-0520 |
| | | | | | | | 0930-1320 |
| 1584 | GD | L | Key | Guangzhou 2 | Guangzhou | Ch | W |
| | | | | | | | 0625-0925 |
| | | | | | | | 1055-1355 |
| | | | | | | | Sun |
| | | | | | | | 2355-0255 |
| 1584 | HEN | P | Rlp | Henan 1 | | Ch | as 657 |
| 1584 | HB | P | Rlp | Hubei 1 | | Ch | as 774 |
| 1584 | NM | P | Rlp | Nei Menggu | | Mo | as 1458 |
| 1584 | SX | L | Key | Datong | Datong | Ch | 2150-1355 |
| 1593 | HL | P | Rlp | Heilongjiang 1 | | Ch | as 621 |
| 1593 | JS | L | Key | Zhenjiang | Zhenjiang | Ch | 2055-0025 |
| | | | | | | | 0155-0500 |
| | | | | | | | 0725-1410 |
| 1593 | XJ | P | Key | Xinjiang | | Mo | 0000-0230 |
| | | | | | | | 0530-0730 |
| | | | | | | | 1300-1700 |
| 1602 | HN | P | Rlp | Hunan | | Ch | as 738 |
| 1602 | JS | P | R | Jiangsu | Hongze | Ch | 2135-1230 |
| 1602 | LN | L | Key | Tieling | Tieling | Ch | 2150-1430 |

**Shortwaves:** 1 = province; 2 = service area level; MW = key MW freq for regional sce. For explanations, refer to above text. alt = seasonal alternative to the frequency shown. Haixia and CPBS frequency usage also subject to seasonal variations.

| kHz | 1 | 2 | MW | Service | City | L | Times |
|---|---|---|---|---|---|---|---|
| 2310 | YN | P | | Yunnan 2-2 | Kunming | Mi | 2230-0030 |
| | | | | | | | 1225-1430 |
| 2340 | FJ | P | 882 | Fujian 1 | Fuzhou | Ch | 2050-2400 |
| | | | | | | | 1100-1700 |
| 2415 | ZJ | L | 1575 | Wenzhou | Wenzhou | Ch | 2100-0005 |
| | | | | | | | 0240-0520 |
| | | | | | | | 0805-1325 |
| 2430 | FJ | T | | Haixia 2 | | Ch | 1345-1755 |
| 2445 | JX | P | 729 | Jiangxi | Nanchang | Ch | 2100-1505 |
| 2460 | YN | P | 990 | Yunnan 1 | Kunming | Ch | 2150-0100 |
| | | | | | | | 0250-0600 |
| | | | | | | | 0920-1600 |
| 2475 | ZJ | P | 810 | Zhejiang 1 | Hangzhou | Ch | 2100-0530 |
| | | | | | | | 0850-1505 |
| 2490 | FJ | T | | Haixia 1 | | Ch | 1205-2355 |
| 2600 | FJ | T | | Haixia 2 | | Ch | 1245-1755 |
| 2800 | FJ | T | | Haixia 2 | | Ch | 1200-1755 |
| 3200 | FJ | T | | Haixia 1 | | Ch | 1230-2355 |
| 3220 | | C | | CPBS 1 | | Ch | 1150-1730 |
| | | | | | | | 2000-2314 |
| 3260 | GZ | P | 927 | Guizhou | Guiyang | Ch | 2130-0030 |
| 3260 | GZ | P | 927 | Guizhou | Guiyang | Ch | 0150-0600 |
| | | | | | | | 0850-1605 |
| 3290 | | C | | CPBS 2 | | Ch | 1100-1600 |
| | | | | | | | 2100-2330 |
| 3300 | FJ | T | | Haixia 2 | | Ch | 1245-1755 |
| 3310 | JL | P | 738 | Jilin | Changchun | Ch | 2050-0630 |
| | | | | | | | 0820-1505 |
| 3360 | BJ | T | | Taiwan 2 | | Ch | 0355-1805 |
| | | | | | | | 2055-0105 |
| 3400 | FJ | T | | Haixia 2 | | Ch | 1200-1755 |
| 3535 | FJ | T | | Haixia 1 | | Ch | 1310-2355 |
| 3640 | FJ | T | | Haixia 1 | | Ch | 1310-2355 |
| 3815 | BJ | T | | Taiwan 1 | | Ch | 1100-0005 |
| 3900 | FJ | T | | Haixia 2 | | Ch | 1300-1755 |
| 3900 | NM | L | 1512 | Hulunbei'er | Hailar | Ch | 2120-2400 |
| | | | | | | | 0330-0600 |
| | | | | | | | 0930-1500 |
| 3930 | NM | L | 549 | Chifeng | Chifeng | Ch | 2105-0030 |
| | | | | | | | 0310-0600 |
| | | | | | | | 1000-1400 |
| 3940 | HB | P | 774 | Hubei 1 | Wuhan | Ch | 2100-0610 |
| | | | | | | | 0850-1530 |
| 3950 | QH | P | 666 | Qinghai | Xining | Ch | 2155-0115 |
| | | | | | | | 0340-0630 |
| | | | | | | | 0955-1530 |
| 3960 | XJ | P | 738 | Xinjiang | Urumqi | Ch | 2300-0200+ |
| | | | | | | | 0330-0730 |
| | | | | | | | 1030-1730 |
| | | | | | | | (alt 7385) |
| 3970 | NM | P | 675 | Nei Menggu | Hohhot | Ch | 2130-0530 |
| | | | | | | | 0930-1500 |
| 3990 | XJ | P | 558 | Xinjiang | Urumqi | Ug | 2300-0200+ |
| | | | | | | | 1030-1730 |
| | | | | | | | (alt 7050) |
| 4035 | XZ | P | 594 | Xizang | Lhasa | Tb | 2230-0130 |
| | | | | | | | 0330-0545 |
| | | | | | | | 1000-1545 |
| 4045 | FJ | T | | Haixia 1 | | Ch | 1055-2355 |
| 4220 | XJ | P | 1593 | Xinjiang | Urumqi | Mo | 0000-0230 |
| | | | | | | | 0530-0730 |
| | | | | | | | 1300-1700 |
| 4250 | | C | | CPBS 2 | | Ch | 0745-1600 |
| | | | | | | | 2100-2400 |
| 4330 | FJ | T | | Haixia 1 | | Ch | 1205-2355 |
| 4330 | XJ | P | 909 | Xinjiang | Urumqi | Kz | 0000-0230 |
| | | | | | | | 0530-0700 |
| | | | | | | | 1200-1700 |
| 4380 | FJ | T | | Haixia 2 | | Ch | 0355-1755 |
| 4460 | | C | | CPBS 1 | | Ch | 2000-0030 |
| | | | | | | | 1015-1730 |
| 4500 | XJ | P | 738 | Xinjiang | Urumqi | Ch | 2300-0200+ |
| | | | | | | | 0330-0730 |
| | | | | | | | 1030-1730 |
| 4525 | NM | P | 675 | Nei Menggu | Hohhot | Mo | 2120-0600 |
| | | | | | | | 0800-1515 |
| 4735 | XJ | P | 558 | Xinjiang | Urumqi | Ug | 2300-0200+ |
| | | | | | | | 0330-0730 |
| | | | | | | | 1030-1730 |
| 4750 | NM | L | 1431 | Hulunbei'er | Hailar | Mo | 2130-2400 |
| | | | | | | | 0330-0600 |
| | | | | | | | 0930-1500 |
| 4750 | XZ | P | 846 | Xizang | Lhasa | Ch | 2230-0200 |
| | | | | | | | 0350-0650 |
| | | | | | | | 1000-1445 |
| 4760 | YN | P | 990 | Yunnan 1 | Kunming | Ch | 2150-0100 |
| | | | | | | | 0250-0600 |
| | | | | | | | 0920-1600 |
| 4770 | BJ | T | | Taiwan 1 | | | 1300-0005 |
| 4785 | ZJ | P | 810 | Zhejiang 1 | Hangzhou | Ch | 2100-0530 |
| | | | | | | | 0850-1030 |
| 4830 | LN | P | 1260 | Liaoning | Shenyang | Ch | 2050-0100 |
| | | | | | | | 0250-0640 |
| | | | | | | | 0825-1500 |
| 4840 | HL | P | 873 | Heilongjiang 2 | Harbin | Ko | 2055-2230 |
| | | | | | | Ch | 0155-0500 |
| | | | | | | Ch/Ko | 0755-1250 |
| 4840 | FJ | T | | Haixia 2 | | Ch | 0645-1755 |
| 4850 | BJ | T | | Taiwan 2 | | Ch | 1200-1805 |
| | | | | | | | 2055-2400 |

| kHz | 1 | 2 | MW | Service | City | L | Times |
|---|---|---|---|---|---|---|---|
| 4865 | GS | P | 684 | Gansu | Lanzhou | Ch | 2130-0130 |
| | | | | | | | 0330-0620 |
| | | | | | | | 0900-1600 |
| 4905 | | C | | CPBS 1 | | Ch | 2000-2230 |
| | | | | | | | 1100-1730 |
| 4915 | GX | P | 792 | Guangxi 1 | Nanning | Ch | 2110-0500 |
| | | | | | | | 0850-1605 |
| 4925 | HL | P | 873 | Heilongjiang 2 | Harbin | Ko | 2055-2300 |
| | | | | | | Ch | 0155-0500 |
| | | | | | | Ch/Ko | 0755-1250 |
| 4940 | QH | P | 666 | Qinghai | Xining | Ch | 2155-0115 |
| | | | | | | | 0340-0630 |
| | | | | | | | 0955-1530 |
| 4950 | NM | L | 1368 | Xilingol | Xilinhot | Mo | 2212-1330 |
| 4970 | XJ | P | 909 | Xinjiang | Urumqi | Kz | 0000-0230 |
| | | | | | | | 0530-0700 |
| | | | | | | | 1200-1700 |
| 4975 | FJ | P | 882 | Fujian 1 | Fuzhou | Ch | 2050-1700 |
| 4980 | XJ | P | 1593 | Xinjiang | Urumqi | Mo | 0000-0230 |
| | | | | | | | 0530-0730 |
| | | | | | | | 1300-1700 |
| 4990 | HN | P | 738 | Hunan 1 | Changsha | Ch | 2100-0100 |
| | | | | | | | 0320-0515 |
| | | | | | | | 0920-1610 |
| 5010 | GX | P | 846 | Guangxi 2 | Nanning | Mi | 2130-2400 |
| | | | | | | | 0300-0620 |
| | | | | | | | 0950-1600 |
| 5020 | JX | P | 729 | Jiangxi | Nanchang | Ch | 2100-1505 |
| 5040 | FJ | P | 882 | Fujian | Fuzhou | Ch | 0000-1100 |
| 5060 | XJ | P | 1593 | Xinjiang | Urumqi | Mo | 0000-0230 |
| | | | | | | | 0530-0730 |
| | | | | | | | 1300-1700 |
| 5075 | | C | | CPBS 2 | | Ch | 2100-0100 |
| | | | | | | | 0830-1600 |
| 5090 | BJ | T | | Taiwan 2 | | Ch | 2055-0105 |
| | | | | | | | 1045-1805 |
| 5125 | BJ | T | | Taiwan 1 | | Ch | 1100-0005 |
| 5163 | | C | | CPBS 2 | | Ch | 2100-2400 |
| | | | | | | | 0900-1600 |
| 5170 | FJ | T | | Haixia 2 | | Ch | 0900-1345 |
| 5240 | FJ | T | | Haixia 1 | | Ch | 0955-1310 |
| 5265 | FJ | T | | Haixia 1 | | Ch | 0955-1310 |
| 5320 | | C | | CPBS 1 | | Ch | 2000-0100 |
| | | | | | | | 0810-1730 |
| 5440 | XJ | P | 909 | Xinjiang | Urumqi | Kz | 0000-0230 |
| | | | | | | | 0530-0700 |
| | | | | | | | 1200-1700 |
| 5770 | FJ | T | | Haixia 2 | | Ch | 0845-1300 |
| 5800 | XJ | P | 558 | Xinjiang | Urumqi | Ug | 2300-0200+ |
| | | | | | | | 0330-0730 |
| | | | | | | | 1030-1730 |
| 5860 | | C | | CPBS 1 | | Ch | 2000-2330 |
| | | | | | | | 1345-1730 |
| 5900 | FJ | T | | Haixia 1 | | Ch | 0955-1230 |
| 5900 | SC | P | 1089 | Sichuan 2 | Chengdu | Ch/ | 2050-0530 |
| | | | | | | Mi | 0950-1320 |
| 5915 | | C | | CPBS 1 | | Ch | 2000-0100 |
| | | | | | | | 1200-1730 |
| 5935 | XZ | P | 846 | Xizang | Lhasa | Ch | 2230-0200 |
| | | | | | | | 0350-0550 |
| | | | | | | | 1000-1445 |
| 5950 | HL | P | 621 | Heilong-jiang 1 | Harbin | Ch | 2050-0610 |
| | | | | | | | 0855-1500 |
| 5950 | XZ | P | 594 | Xizang | Lhasa | Tb | 2230-0130 |
| | | | | | | | 0330-0545 |
| | | | | | | | 1000-1545 |
| 5960 | YN | P | | Yunnan 2-2 | Kunming | Mi | 2230-0030 |
| | | | | | | | 1225-1430 |
| 5971 | GS | L | 1332 | Gannan | Hezuozhen | Ch/ | 2220-0030 |
| | | | | | | Tb | 0400-0530 |
| | | | | | | | 0900-1410 |
| 5995 | XZ | P | 594 | Xizang | Lhasa | Tb | 2230-0130 |
| | | | | | | | 0330-0545 |
| | | | | | | | 1000-1545 |
| 6000 | FJ | T | | Haixia 2 | | Ch | 0355-1244 |
| 6005 | GS | P | 684 | Gansu | Lanzhou | Ch | 2130-0130 |
| | | | | | | | 0330-0620 |
| | | | | | | | 0900-1600 |
| 6015 | BJ | T | | Taiwan 1 | | Ch | 0955-1300 |

| kHz | 1 | 2 | MW | Service | City | L | Times |
|---|---|---|---|---|---|---|---|
| 6045 | NM | P | 675 | Nei Menggu | Hohhot | Ch | 2130-0530 |
| | | | | | | | 0930-1500 |
| 6058 | SC | P | 1116 | Sichuan 1 | Chengdu | Ch | 2110-0030 |
| | | | | | | | 0320-0630 |
| | | | | | | | 0730-1505+ |
| 6070 | JL | P | 738 | Jilin | Changchun | Ch | 2050-0630 |
| | | | | | | | 0820-1230 |
| 6080 | NM | L | 1431 | Hulunbei'er | Hailar | Mo | 2130-2400 |
| | | | | | | | 0330-0600 |
| 6095 | BJ | T | | Taiwan 2 | | Ch | 0000-0105 |
| | | | | | | | 0355-1200 |
| 6100 | XJ | P | 738 | Xinjiang | Urumqi | Ch | 1030-1730 |
| 6110 | | C | | CPBS 2 | | Ch | 2100-2400 |
| | | | | | | | 1040-1600 |
| 6120 | XJ | P | 738 | Xinjiang | Urumqi | Ch | 2300-0200+ |
| | | | | | | | 0330-0730 |
| 6150 | HL | P | 621 | Heilong-jiang 1 | Harbin | Ch | 2050-0610 |
| | | | | | | | 0855-1500 |
| 6155 | GS | P | 684 | Gansu | Lanzhou | Ch | 2130-0130 |
| | | | | | | | 0330-0620 |
| | | | | | | | 0900-1600 |
| 6176 | SN | P | 693 | Shaanxi | Xi'an | Ch | 0100-0635 |
| 6200 | | C | | CPBS 2 | | Ch | 2100-0100 |
| | | | | | | | 1040-1600 |
| 6260 | QH | P | 666 | Qinghai | Xining | Ch | 2155-0115 |
| | | | | | | | 0340-0630 |
| | | | | | | | 0955-1530 |
| 6400 | FJ | T | | Haixia 2 | | Ch | 0355-1345 |
| 6493 | | C | | CPBS 1 | | Ch | 2000-2300 |
| | | | | | | | 1230-1730 |
| 6500 | QH | P | 1251 | Qinghai | Xining | Ch | 2235-0100 |
| | | | | | | | 0400-0545 |
| | | | | | | | 1030-1440 |
| 6665 | | C | | CPBS 1 | | Ch | 2000-1730 |
| 6750 | | C | | CPBS 1 | | Ch | 2000-0100 |
| | | | | | | | 1100-1730 |
| 6765 | FJ | T | | Haixia 1 | | Ch | 0955-1205 |
| 6790 | BJ | T | | Taiwan 2 | | Ch | 2055-0105 |
| | | | | | | | 0945-1805 |
| 6890 | | C | | CPBS 2 | | Ch | 2100-0100 |
| | | | | | | | 1100-1600 |
| 6937 | YN | P | 1242 | Yunnan 2-1 | Kunming | Mi | 2200-0200 |
| | | | | | | Mi/Ch | 1100-1600 |
| 6974 | NM | P | 1458 | Nei Menggu | Hohhot | Mo | 2120-0600 |
| | | | | | | | 0800-1515 |
| 7025 | FJ | T | | Haixia 2 | | Ch | 0355-1300 |
| 7050 | XJ | P | 558 | Xinjiang | Urumqi | Ug | 2300-0200+ |
| | | | | | | | 0330-0730 |
| | | | | | | | 1030-1730 |
| | | | | | | | (alt 3990) |
| 7095 | | C | | CPBS 2 | | Ch | 2100-2400 |
| | | | | | | | 0700-1600 |
| 7110 | XZ | P | 594 | Xizang | Lhasa | Tb | 2230-0130 |
| | | | | | | | 0330-0545 |
| | | | | | | | 1000-1545 |
| 7170 | XZ | P | 846 | Xizang | Lhasa | Ch | 2230-0200 |
| | | | | | | | 0350-0550 |
| | | | | | | | 1000-1445 |
| 7210 | YN | P | 990 | Yunnan 1 | Kunming | Ch | 2150-0100 |
| | | | | | | | 0250-0600 |
| | | | | | | | 0920-1600 |
| 7225 | SC | P | 1116 | Sichuan 1 | Chengdu | Ch | 2110-0030 |
| | | | | | | | 0320-0630 |
| | | | | | | | 0730-1505 |
| 7235 | | C | | CPBS 2 | | Ch | 2100-2300 |
| 7240 | | C | | CPBS 1 | | Ch | 2000-1600 |
| 7275 | GZ | P | 927 | Guizhou | Guiyang | Ch | 2130-0030 |
| | | | | | | | 0150-0600 |
| | | | | | | | 0850-1605 |
| 7280 | FJ | T | | Haixia 2 | | Ch | 0355-1200 |
| 7335 | | C | | CPBS 1 | | Ch | 2000-0100 |
| | | | | | | | 1100-1730 |
| 7385 | XJ | P | 738 | Xinjiang | Urumqi | Ch | 2300-0200+ |
| | | | | | | | 0330-0730 |
| | | | | | | | 1030-1730 |
| | | | | | | | (alt 3960) |
| 7440 | | C | | CPBS 1 | | Ch | 2000-2300 |
| | | | | | | | 1100-1730 |
| 7504 | | C | | CPBS 1 | | Ch | 2000-1730 |

| kHz | 1 | 2 | MW | Service | City | L | Times |
|---|---|---|---|---|---|---|---|
| 7516 | | C | | CPBS 1 | | Ch | 2000-2300 |
| | | | | | | | 1100-1730 |
| 7525 | | C | | CPBS 1 | | Ch | 2000-2330 |
| | | | | | | | 1300-1730 |
| 7770 | | C | | CPBS 2 | | Ch | 2100-1600 |
| 7850 | FJ | T | | Haixia 1 | | Ch | 0955-1205 |
| 7935 | | C | | CPBS 1 | | Ch | 2000-2355 |
| | | | | | | | 1120-1730 |
| 8007 | | C | | CPBS 2 | | Ch | 2100-2400 |
| | | | | | | | 1100-1600 |
| 8667 | GX | L | 1224 | Guangxi 1 | Beihai | Ch | 2215-2400 |
| | | | | | | | 1035-1500 |
| 9020 | | C | | CPBS 2 | | Ch | 2100-1600 |
| 9064 | | C | | CPBS 1 | | Ch | 2000-1730 |
| 9080 | | C | | CPBS 1 | | Ch | 2000-0030 |
| | | | | | | | 1020-1730 |
| 9170 | BJ | T | | Taiwan 2 | | Ch | 0815-0945 |
| 9380 | BJ | T | | Taiwan 1 | | Ch | 0955-1100 |
| 9455 | BJ | T | | Taiwan 1 | | Ch | 0055-0610 |
| | | | | | | | 0955-1100 |
| 9490 | XZ | P | 846 | Xizang | Lhasa | Ch | 2230-0200 |
| | | | | | | | 0350-0550 |
| | | | | | | | 1000-1455 |
| 9505 | FJ | T | | Haixia 2 | | Ch | 0355-0745 |
| 9670 | | C | | CPBS 2 | | Ch | 0700-1600 |
| 9710 | GS | P | 684 | Gansu | Lanzhou | Ch | 0330-0620 |
| 9750 | NM | P | 675 | Nei Menggu | Hohhot | Ch | 2130-0530 |
| 9775 | | C | | CPBS 2 | | Ch | 2100-2400 |
| | | | | | | | 0700-1600 |
| 9780 | QH | P | 666 | Qinghai | Xining | Ch | 0340-0630 |
| 9800 | | C | | CPBS 1 | | Ch | 2000-0100 |
| 10245 | | C | | CPBS 1 | | Ch | 2335-0100 |
| | | | | | | | 1100-1345 |
| 10260 | | C | | CPBS 2 | | Ch | 0700-1100 |
| 11000 | BJ | T | | Taiwan 2 | | Ch | 0355-0945 |
| 11040 | | C | | CPBS 2 | | Ch | 0100-1100 |
| 11100 | BJ | T | | Taiwan 1 | | Ch | 0055-0610 |
| 11290 | | C | | CPBS 1 | | Ch | 2335-1300 |
| 11330 | | C | | CPBS 1 | | Ch | 2315-1150 |
| 11505 | | C | | CPBS 2 | | Ch | 0100-1000 |
| 11575 | | C | | CPBS 2 | | Ch | 0700-1040 |
| 11590 | FJ | T | | Haixia 2 | | Ch | 0355-0745 |
| 11610 | | C | | CPBS 1 | | Ch | 2355-0300 |
| | | | | | | | 0800-1020 |
| 11710 | | C | | CPBS 2 | | Ch | 2300-0200 |
| | | | | | | | 1130-1600 |
| 12200 | | C | | CPBS 2 | | Ch | 2330-1100 |
| 15030 | | C | | CPBS 2 | | Ch | 0200-1020 |
| 15500 | | C | | CPBS 2 | | Ch | 0000-0845 |
| 15550 | | C | | CPBS 1 | | Ch | 0100-0810 |
| 15590 | | C | | CPBS 1 | | Ch | 0030-1015 |
| 15710 | BJ | T | | Taiwan 1 | | Ch | 0055-0610 |
| 15880 | BJ | T | | Taiwan 2 | | Ch | 0355-0815 |
| 17605 | | C | | CPBS 1 | | Ch | 0300-0800 |
| 17710 | | C | | CPBS 2 | | Ch | 0200-1130 |

**CPBS MINORITY PRGRS:** Each transmission of 25 mins duration.

**Frequencies:** For each transmission two freqs are chosen according to season and target area. Monitored freqs (kHz): 4190, 5145, 5420, 6430, 7035, 8566, 9920, 11375, 11675, 15670, 17635.

**Schedule:** + = for NM, ++ = for XJ, * = relayed by regional sts.

| | |
|---|---|
| Kz | 0100, 0630, 1130, 1400* |
| Ko | 0430, 1000*, 1200*, 2130* |
| Mo+ | 0500, 1230*, 2200* |
| Mo++ | 1430* |
| Tb | 0000, 0530, 1030, 1300* |
| Ug | 0030, 0600, 1100*, 1330* |

**V.** A majority of the regional sts issue QSLs. Rec often acc (cassette). Rp. not req. From the following provincial sts QSLs have as yet not been received: GZ, HL, JL, JX. Station name (xx People's Broadcasting Station) and province is sufficient address for all regional sts. A thank-you card, not actually a QSL, may be obtained by reporting to Beijing.

## EXTERNAL SERVICES

### Radio Beijing, Beijing Guangbo Diantai

**Medium wave key freqs** (kHz): 1017 (JL), 1044 (ZJ), 1080/1197/1206/1296 (YN), 1323 (XZ), 1341 (GD), 1521 (XJ). Further trs in border areas are used at times.

**Shortwave:** 3 sites are listed officially: Beijing, BJ (G.C: 116.27E/39.57N); Xi'an, SN (G.C: 108.54E/34.12N), both 120/240kW; Shanghai, SH (G.C: 121.29E/31.15N) 500kW. This is in agreement with actual observations. Regional sce trs in XJ, XZ are used additionally at times.

**Target Areas:** I = Europe; II = Africa; III = Near & Middle East/North Africa; IV = South Asia; V = South East Asia; VI = West Asia; VI = Far East Asia; VIII = Australia/New Zealand; IX = Americas; X = Philippines.

**NB:** No recent freq information received.

| Time | Area | kHz |
|---|---|---|
| **Albanian** | | |
| 1900-2000 | I | 9965/9365/7470/6825 |
| **Amoy** | | |
| 1200-1300 | V | 15330/15260/12015/11650/11515/5295/3985 |
| 2330-2400 | V | 12110, 11455, 9290, 7590, 6520 |
| **Arabic** | | |
| 1630-1730 | III | 15510/9440/7480 |
| 1830-1930 | III | 15510/9440/7480/6608 |
| 2130-2230 | III | 11515/9440/7470 |
| **Bengali** | | |
| 1500-1600 | IV | 9965/6520 |
| **Bulgarian** | | |
| 1800-1900 | I | 9952/7820/7010 (Mon/Wed/Fri) |
| **Burmese** | | |
| 1130-1200 | V | 11695/11455/9880/7140/1197 |
| 1300-1400 | V | 11695/11455/9880/7140/1197 |
| **Cambodian** | | |
| 1030-1130 | V | 11695/11455/9440 |
| 1200-1300 | V | 11695/11455/9440/1080 |
| 1400-1500 | V | 11695/9440/6520 |
| **Cantonese** | | |
| 0100-0200 | IX | 17450/15600/12450/11980/11845/8300 |
| 0300-0400 | IX | 15600/11980/11845/8300 |
| 1000-1100 | VIII | 15165/11650/9945/8450/6285 |
| 1100-1200 | V | 15330/15260/12015/11650/11515/5295 |
| 1200-1300 | V | 15165/8425 |
| 1700-1800 | II/V | 17450/15100/11685/8345 |
| 1900-2000 | I | 9920/7660/6590 |
| 2300-2330 | V | 12110/11455/9290/7590/6520 |
| **Chaozhou** | | |
| 0030-0100 | V | 15250/12110/11455/9335/9290/7590 |
| 1400-1500 | V | 15330/15260/12015/11650/11515/5295/3985 |
| **Czech** | | |
| 1900-2000 | I | 9820/8345 |
| **English** | | |
| 0000-0200 | IX | 15520/15120/11650/6520 |
| 0200-0300 | IX | 15120/11650/10865 |
| 0300-0400 | IX | 15520/15120/11650/10865 |
| 0400-0500 | IX | 15120/11650/10865 |
| 0830-1030 | VIII | 17765/15435/11600/11455/9860/6995 |
| 1100-1300 | IX | 9820 |
| 1200-1400 | V | 17700/15280/11600/4200/1341 |
| 1400-1500 | IV | 15165/11600/4200 |
| 1500-1600 | IV | 15165/11600/4200 |
| 1600-1800 | II | 15165/11600/4200 |
| 1900-2000 | I | 9860/6860/4130 |
| 1930-2130 | II/III | 11515/9440/7480/6608 |
| 2100-2200 | I | 9860/6995/4130 |
| **Esperanto** | | |
| 1100-1130 | VII | 9860/7315/6520 |
| 1300-1330 | V | 15165/11685/8425/4130 |
| 2000-2030 | I | 9965/9365/7470/6825 |
| 2230-2300 | IX | 15165/9860 |
| **French** | | |
| 1830-2230 | I/II | 15600/11575/9880/7800/7055/5295/3985 |
| **German** | | |
| 1800-1900 | I | 9860/6860/4130 |
| 2000-2100 | I | 9860/6860/4130 |
| **Hakka** | | |
| 0000-0030 | V | 15250/12110/11455/9335/9290/7590 |
| 1000-1100 | V | 15330/15260/12015/11515/8300 |
| 1600-1700 | V | 15125/11650/8345 |

| Hausa | Area | kHz |
|---|---|---|
| 1800-1900 | II | 17450/15100/11685/8345 |
| **Hindi** | | |
| 1500-1600 | IV | 9920/7080/6825/6590/1323/1207 |
| 1600-1700 | IV | 9920/7080/6590/5935/5240/4035/1207/594 |
| 1700-1800 | IV | Lhasa: 9490/5935/4035 (rpt. of 1600-1700) |
| **Hungarian** | | |
| 2100-2200 | I | 17450/9945/7820/7010 |
| **Indonesian** | | |
| 0830-0930 | V | 17680/15600/15135/12450 |
| 1030-1130 | V | 17680/15600/15135/12450 |
| 1330-1430 | V | 17680/15600/15135/6590 |
| **Italian** | | |
| 1830-1900 | II | 9965/9365/7470/6825 |
| 2030-2130 | I | 9965/9365/7470/6825 |
| **Japanese** | | |
| 0930-1530 | VII | 7480/6955/4960/3960/1044/918/719 |
| 2130-2200 | VII | 7480/6955/4960/3960/1044/918/719 |
| **Korean** | | |
| 1100-1500 | VII | 5975/4620/4020/1018 |
| **Laotian** | | |
| 1230-1330 | V | 11980/11660/9585 |
| 1430-1530 | V | 11980/9585/9290/8490 |
| **Malay** | | |
| 0930-1030 | V | 17680/15600/15135/12450 |
| 1230-1330 | V | 17680/15600/15135/12450 |
| **Mongolian** | | |
| 1100-1300 | VII | 6555/5850/5145 |
| 1200-1300 | VII | 6555/5850/5145/4885/1314 |
| 1400-1500 | VII | 6555/5850/5145 |
| **Nepalese** | | |
| 1500-1600 | IV | 11685/7620 |
| **Persian** | | |
| 1530-1600 | III | 9440/7480 |
| 1800-1830 | III | 11515/9440/7480/6590 |
| **Polish** | | |
| 2000-2100 | I | 9820/8345/7600 |
| **Portuguese** | | |
| 0000-0100 | IX | 11600/9920/7820 |
| 1900-2000 | I/II | 17450/15100/11685/6520 |
| 2000-2100 | I/II | 9920/9400/6590 |
| 2200-2300 | IX | 11600-9920/7820/6995 |
| **Pushto** | | |
| 1500-1600 | IV | 11575/9880/8260/5250/4130 |
| **Romanian** | | |
| 1900-2000 | I | 9945/7820/7010 |
| **Russian** | (all sw freqs variable ± 10kHz) | |
| 0000-0055 | | 1521 |
| 0300-0355rt | | 17533/15600/15435/15395/15135/12450/11660/11600/8260 |
| 0900-0955rt | | 8260/5220 |
| 1000-1055 | | 11650/9725/9480/7140/6560/1521 |
| 1100-1155 | | 11650/9900/9725/7140/1521 |
| 1200-1255 | | 1521 |
| 1300-1355 | | 9725/7140/6560/5145/1521 |
| 1400-1455 | | 1521 |
| 1500-1555 | | 17765/11915/11650/9945/9820/9725/9335/7820/7140/5145/1521/1458 |
| 1600-1655 | | 17765/19915/11650/11625/11500/9945/9820/9725/9615/9600/9335/7810/7140/7025/1521/1458/621 |
| 1700-1755 | | 11945/11915/11695/11650/11550/11500/9970/9945/9920/9820/9615/9600/9550/9465/9380/9335/7810/7025/1521/1458/621 |
| 1800-1855 | | 12120/11945/11915/11695/11650/9930/9820 9615/9600/9550/7045/5220/5060/4735/4500/3960/1521 |
| 1900-1955 | | 12120/11945/11650/9610/9550/7030/5060/4735/3960/1521 |
| 2000-2055 | | 11945/9600/9550/5060/4735/3960/1521 |
| 2100-2155 | | 12120/12080/11915/11675/11650/9930/9820/9725/9600/7140/7025/1521 |
| 2200-2255 | | 12080/11675/9945/9915/9860/9725/9335/7820/7140/1521 |
| 2300-2355 | | 9725/7140/1521 |
| **Serbo-Croat** | | |
| 2000-2100 | I | 9945/7820/7010 |
| **Sinhalese** | | |
| 1400-1500 | V | 11675/9880 |

| Spanish | Area | kHz |
|---|---|---|
| 0000-0100 | IX | 15600/15285/15180/15165/11575/11445/9860/8345 |
| 0100-0300 | IX | 17795/17650/17533/15285/15180/15165/15100/11600 |
| 1100-1200 | IX | 15165/11685/8260/4130 |
| 2100-2300 | I | 9400/7375/6933/6590 |
| 2300-2400 | IX | 15600/15520/15285/15180/15165/11575/11445/9860/8345/7035/6995 |
| **Standard Chinese** | | |
| 0200-0300 | IX | 17450/15600/15520/12450/11980/11845 11575 |
| 0400-0500 | IX | 15600/15520/11980/11845 |
| 0900-1000 | V | 15330/15260/15165/12015/11650/11515/9945/8300 |
| 1100-1200 | V | 15190 |
| 1300-1400 | V | 15330/15260/12015/11650/11515/5295/3985 |
| 1500-1600 | IV/V | 9480/7350/5295/3985 |
| 1730-1830 | I/II/VI | 15600/11575/7800/7055/5295/3985 |
| 2000-2100 | I/II | 11685/9900/7035/6520/5220 |
| 2230-2300 | V | 12110/11455/9290/7590/6520 |
| **Swahili** | | |
| 1600-1730 | II | 11575/9480/5295/3985 |
| **Tagalog** | | |
| 1130-1230 | X | 17680/15135/12450/11445/1341 |
| 1430-1500 | X | 17680/15135/11660/11455/6590/1341 |
| **Tamil** | | |
| 1400-1500 | IV | 11575/9480/8260/5250/4130 |
| **Thai** | | |
| 1130-1230 | V | 11980/11660/9585 |
| 1330-1430 | V | 11980/11660/9585/1296 |
| **Turkish** | | |
| 1400-1500 | I | 9365/7820 |
| 1600-1630 | I | 11515/9440/7480 |
| 1730-1800 | I | 11515/9440/7480 |
| **Urdu** | | |
| 1600-1700 | IV | 15500/11685/9965/6825/6520/1323 |
| **Vietnamese** | | |
| 1130-1300 | V | 11725/11575/9530/8345/1296 |
| 1300-1400 | V | 15115/11725/8490/7775/1296 |
| 1400-1700 | V | 11725/9530/8345 (also 6290 from 1600) |

Other RP frequencies often reported on lower freqs: 3220, 3270, 3500, 3660, 3830, 3981, 4883. The external services of RP change freqs often, but the times and languages usually remain the same. **Notes:** Most s/off times are a few minutes early so as to facilitate antenna or freq changes.

**ANN:** E: "This is R. Peking". Albanian: "Ju Flet Pekinje". Amoy: "Pyungyong Yenmin Kwangpo Tientai". Arabic: "Huna Peking". Cantonese: "Chungyung Yenmun Kwangpo Tientoi". Chinese: Zhóngyáng renmín guangbó diántai'. F: "Ici Pekin". G: "Hier ist R. Peking". Indonesian: "Ini-lah R. Peking". Italian: "I R. Pekino". Japanese: "Hoijiwa Peking hoso desu". Malay: "Inilah R. Peking balam bahasa Malay". P: "Aquí R. Pequim". R: "Govorit Peking". Sp: "Aquí R. Peking".
**INT-SIG:** First 19 notes from "The East is Red", followed by a complete orchestral rendition of same. **V.** by QSL-card and letter.
**PUB:** Free literature, schedules and calendars on request. No Rp required.

## CHINA (Republic of) (Taiwan)

**L.T:** UTC + 8h — **Pr.L:** Chinese — **E.C:** a/c 60, 110/220V (yes).

### BROADCASTING CORPORATION OF CHINA

(Priv. enterprise under Gov. contract).
**ADDR:** 53 Jen Ai Road, Sec. 3, Taipei 106. **Te:** 7710150-9, 7512171-4. **Cable:** "Broadcast". **Telex:** 27498 BCCROC.
**L.P:** Pres: Chiang Hsiao-Wu. Dir. Eng. Dep: Wang Chun-Chan. Dir. International Sce. Dept: Lee Housheng.
**MEDIUMWAVES:** N = Network; A = Agricultural Prgr, N = News Prgr, T = Traffic Prgr.

| Location | kHz | kW | N | | kHz | kW | N |
|---|---|---|---|---|---|---|---|
| Ilan | 630 | 10 | 3/A | Hualien | 855 | 10 | 1 |
| Taipei | 657 | 20 | 1 | Kaohsiung | 864 | 10 | 1 |
| Taichung | 720 | 10 | 1 | Hsinchu | 882 | 10 | 1 |
| Tainan | 783 | 10 | 2 | Tainan | 890 | 10 | N |
| Taitung | 819 | 10 | 1 | Miaoli | 891 | 3.5 | 3/A |

| | kHz | kW | N | | kHz | kW | N |
|---|---|---|---|---|---|---|---|
| Taichung | 909 | 10 | T | Tainan | 1296 | 10 | 1 |
| Kaohsiung | 909 | 10 | N | Chiayi | 1350 | 10 | 1 |
| Taipei | 954 | 20 | 2 | Taichung | 1359 | 10 | 3/A |
| Taitung | 1008 | 10 | 2 | Yuli | 1386 | 3.5 | 2 |
| Hsinchu | 1017 | 10 | 2 | Hsinchu | 1386 | 3.5 | 3/A |
| Chiyai | 1035 | 10 | 2 | Ilan | 1404 | 10 | 1 |
| Taichung | 1062 | 10 | 2 | Miaoli | 1413 | 10 | 1 |
| Lishan | 1071 | 5 | 1 | Taitung | 1413 | 3.5 | 3/A |
| Taipei | 1071 | 10 | N | Puli | 1413 | 1 | 1 |
| Jiyuetan | 1089 | 1 | FM1 | Kaohsiung | 1449 | 10 | 3/A |
| Yuli | 1116 | 3.5 | 1 | Taipei | 1460 | 10 | 3/A |
| Puli | 1152 | 1 | 2 | Hualien | 1467 | 10 | 3/A |
| Ilan | 1161 | 10 | 2 | Chiayi | 1467 | 10 | 3/A |
| Miaoli | 1161 | 10 | 2 | Jiyuetan | 1467 | 1 | 1 |
| Hualien | 1188 | 10 | 2 | Mobile | 1503 | 1 | 1 |
| Jiyuetan | 1188 | 1 | 2 | Mobile | 1520 | 1 | 1 |
| Kaohsiung | 1224 | 10 | 2 | Mobile | 1530 | 1 | 2 |
| Taichung | 1242 | 10 | N | Tainan | 1539 | 10 | 3/A |
| Lishan | 1251 | 1 | 2 | | | | |

+ additional st's 0.1kW on 1017(1), 1143(2), 1224(1), 1242(7), 1377(1), 1386(1), 1449(8), 1503(1).

**SHORTWAVES:** Hsinchu 3215kHz (Prgr. 2).
**FM Prgr. 1:** 102.1MHz: Taichung, Hualien, Taitung, Ilan; 102.9MHz: Huoyenshan; 103.1MHz: Chentoushan; 103.3MHz: Taipei, Kaohsiung, Yuli.
**FM Prgr. 2:** 100.5MHz: Huoyenshan, Chentoushan, Ilan; 105.7MHz: Yuli; 105.9MHz: Taipei, Kaohsiung; 106.9MHz: Taichung, Hualien, Taitung.
**FM News Prgr:** 103.9MHz: Taichung, Ilan, Hualien, Taitung; 107.9MHz: Taipei, Kaohsiung.
**D.PRGR: 1st Netw:** 24h. **2nd Netw:** 2050-1800 (Sun 1630). **3rd Netw:** Mon-Fri 2055-1430; Sat 2055-0320 & 0400-1430; Sun 2055-0300. **FM Prgr. 1:** 2125-1800. **FM Prgr. 2:** 2055-1800. **N. Prgr:** 2155-1600. **T. Prgr:** 24h. **A. Prgr:** 2055-1100.
**Local Prgrs**
**Ilan:** on 1404kHz: 0500-0510, 0710-0730, 1130-1200, 1300-1330; on 1161kHz: 2353-2358, 0700-0900, 1000-1010; on 630kHz: 1010-1100.
**Hualien:** on 855kHz: 0310-0400, 0900-0905, 1130-1200, 1300-1310; on 1188kHz: 2253-2258, 0400-0415, 0700-0900, 1000-1030; on 1467kHz: 1530-1600.
**Taitung:** on 819kHz: 0310-0400; on 1008kHz: 0700-0900; on 1413kHz: 0700-0800.
**Miaoli:** 1300-1310 on 1413kHz — Chiayi: 1300-1310 on 1350kHz — **Tainan:** 1300-1310 on 1539kHz.
**ANN:** Mandarin: "Chung Kuo Kuang Po Kong Ssu (location) Kuang Po Tien Tai". Amoy: "Tiyon Gok Kon Po Kon Sih (location), Kon Po Den Tai" — **V.** by QSL-card.

## CENTRAL BROADCASTING SYSTEM

(Independent broadc. division under BCC. CBS is in charge of the broadcasts to the Mainland).
**ADDR:** 55 Pei An Rd, Ta Chih, Taipei 104. **Te:** 5961793.

| Mediumwaves | kHz | kW | N | | kHz | kW | N |
|---|---|---|---|---|---|---|---|
| Luchiang | 600 | 500 | 1 | Luchiang | 1000 | 500 | 4 |
| Minhsiung | 750 | 125 | 1 | Linkou | 1050 | * | 3 |
| Linkou | 800 | * | 3 | Tanhsui | 1100 | 100 | 1 |
| Linkou | 850 | * | 3 | Minhsiung | 1200 | 100 | 5 |
| Tanhsui | 900 | 100 | 1 | Linkou | 1250 | * | 3 |
| Luchiang° | 927 | * | 2 | Luchiang° | 1521 | — | 2 |

*) Power unknown, but estimated 100kW or more — °) location tentative.

**SHORTWAVES**

| kHz | kW | N | kHz | kW | N | kHz | kW | N |
|---|---|---|---|---|---|---|---|---|
| 3335 | 10 | 5 | 7105 | * | 2 | 9690 | 10 | 5 |
| 6040 | 7.5 | 1 | 7150 | 100 | 1 | 11775 | * | 2 |
| 6087 | * | 4 | 7250 | 100 | 1 | 11905 | 100 | 1/6 |
| 6180 | * | 2 | 9630 | * | 4 | | | |

*) estimated 50kW or more.
**D.PRGR: 1st Netw. in Chinese:** 24h on 900kHz. Also on 600kHz (0950-1900), 750/1100kHz (2050-0100, 0350-0700, 0950-1900), 7150kHz (2050-0100, 0350-1900), 7250kHz (2050-0700, 0950-1900), 11905kHz (2050-0100, 0350-0950, 1630-1900).
**2nd Netw. in Chinese:** 0955-2155 on 927/1521/6180/11775kHz, 2155-0955 on 7105kHz.
**3rd Netw. in Chinese:** 2050-0350 on 850/1250kHz, 0350-0950 on 800/1050kHz, 0950-2050 on 800/850/1050/1250kHz.
**4th Netw. in Chinese** (musical prgr): 0955-2200 on 1000/6087/9630kHz.
**5th Netw:** 0950-2200 in Amoy on 1200kHz, Hakka on 3335kHz and Cantonese on 6040/9690kHz.
**6th Netw.** on 11905kHz: 1000-1130 Mongolian, 1140-1310 Tibetan, 1310-1320 Chinese (special messages), 1330-1500 Uighur, 1530-1630 Voice of Asia in Chinese/Korean
**ANN:** "Chung Yang Kuang Po Tien Tai" — 3rd Netw: "Kuang Hua chih sheng, Kuang Hua Kuang Po Tien Tai".
**V.** by QSL-certificate.

## "VOICE OF FREE CHINA" (INTERNATIONAL SERVICE)

**ADDR:** as for Home Service.
**STATIONS:** 10/50/100/250kW. *) relay via WYFR, USA.

| kHz | kHz | kHz | kHz | kHz | kHz | kHz |
|---|---|---|---|---|---|---|
| 5980 | 9600 | 15225 | 15125 | 11825 | 11725 | 15370 |
| 5985* | 9610 | 15270 | 15130* | 11860 | 11740* | 17720 |
| 7130 | 9685 | 15345 | 15215* | 11915 | 11745 | 17890 |
| 9575 | 9765 | | | | | |

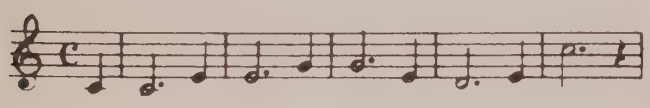
**Areas:** I = Japan/Korea; II = No. America; III = So. Ea. Asia; IV = Africa/Mid. East/We. Europe; V = Ce. & So. America; VI = Australia/N.Z.

| Amoy | Area | kHz |
|---|---|---|
| 0000-0100 | III | 5980, 7130 9575, 11860 11915, 15125 |
| 0300-0400 | II | 5985* |
| 0400-0500 | III | 5980, 7130 9575, 11860 11915, 15125 |
| 0710-0810 | II | 5985* |
| 0900-1000 | III | 11860, 11915 15370, 17720 |
| 1000-1100 | I | 7130, 9765 11745 |
| **Arabic** | | |
| 1930-2030 | IV | 9765, 11860 |
| **Cantonese** | | |
| 0000-0100 | II | 5985* |
| 0300-0400 | V | 11740 |
| 0300-0400 | III | 15225, 15270 17720 |
| 0500-0700 | III | 15225, 15270 17720 |
| 0510-0610 | II | 5985* |
| 1200-1400 | III | 9685, 11825 15270, 17890 |
| 1510-1610 | II | 11825, 15345 |
| | VI | 17890 |
| **Chaochau** | | |
| 0000-0100 | III | 11745, 15225 17720 |
| 0400-0500 | III | 11825, 15345 17890 |
| 1200-1300 | III | 11860, 11915 15370, 17720 |
| **English** | | |
| 0100-0200 | II | 11825 |
| | VI | 17890 |
| 0200-0300 | II | 5985* |
| | V | 11740* |
| 0300-0350 | II | 11825, 15345 |
| | VI | 17890 |
| 0610-0710 | II | 5985* |
| 2030-2130 | IV | 9610, 9765, 11725, 11860 15225 |
| 2140-2240 | II | 11825, 15270 15345 |
| | VI | 17890 |
| **French** | | |
| 1830-1930 | IV | 9765, 11725 11860, 15225 |
| 2130-2230 | IV | 9610, 9765 11725, 11860 15225 |

| Hakka | Area | kHz |
|---|---|---|
| 0300-0400 | III | 5980, 7130 9575, 11860 11915, 15125 |
| 1000-1200 | III | 11860, 11915 15370, 17720 |
| **Indonesian** | | |
| 0600-0700 | III | 5980, 7130 9575, 11860 11915, 15125 |
| 1510-1610 | III | 7130, 9575 |
| **Japanese** | | |
| 1100-1200 | I | 7130, 9765 11745 |
| 1400-1500 | I | 7130, 11745 |
| 2100-2200 | I | 7130, 9575 11745 |
| **Korean** | | |
| 1300-1400 | I | 7130, 11745 |
| 2200-2300 | I | 7130, 9575 |
| **Mandarin** | | |
| 0000-0100 | II | 11825, 15270 |
| | VI | 17890 |
| 0100-0200 | II | 5985* |
| 0400-0500 | V | 15215* |
| 0400-0500 | III | 15225, 15270 17720 |
| 0410-0510 | II | 5985* |
| 0500-0600 | III | 5980, 7130 9575, 11860 11915, 15125 |
| 0900-1200 | III | 9600, 9685 11825, 15270 17890 |
| 0900-1000 | I | 7130, 9765 11745 |
| 1200-1300 | I | 7130, 11745 |
| 1330-1400 | III | 9575 |
| 1400-1500 | III | 9685, 11825 15270, 17890 |
| 1930-2030 | IV | 11725, 15225 |
| 2040-2140 | II | 11825, 15270 15345 |
| | VI | 17890 |
| 2200-2300 | V | 15130* |
| 2250-2350 | III | 11745, 11825 17890 |
| **Spanish** | | |
| 0400-0500 | V | 11740* |
| 0500-0600 | V | 15215* |
| 2100-2200 | V | 15130* |
| 2300-2350 | V | 9610, 9765 11725, 11860 15225, 15270 |

| Thai | Area | kHz | Vietnamese | Area | kHz |
|---|---|---|---|---|---|
| 0500-0600 | III | 11825, 15345 17890 | 0600-0700 | III | 11825, 15345 17890 |
| 1400-1500 | III | 11860, 11915 15370, 17720 | 1300-1400 | III | 11860, 11915 15370, 17720 |

**ANN:** "This is the Voice of Free China". Chinese: "Tzu Yu Chung Kuo Chih Sheng".



**V.** By QSL-card. Rec. acc—**PUB:** Prgr. schedule free.

**WYFR-FAMILY RADIO (Rlg)**
For details of WYFR prgrs rel. via VOFC tr's, please refer to the entry for this st. under "USA".

## VOICE OF ASIA

**ADDR:** P.O. Box 880, Kaohsiung, Taiwan (or) GPO Box 3243, Kowloon, Hong Kong. **Te:** 2212122. **Cable:** VOAsia. Kaohsiung.
**L.P:** Dir: P.P. Tang
**STATIONS:** 612kHz 600kW—5980kHz 10kW
**Area:** E = Philippines, Indonesia; W = Thailand, Singapore, Malaysia, Hong Kong.

| English | Area | Mandarin | Area |
|---|---|---|---|
| 1030-1040 | E | 1050-1100 | E |
| 1100-1200 | E | 1300-1430 | E |
| 1500-1530 | W | 1450-1500 | W |
| **Indonesian** | | 1700-1800 | W |
| 1040-1050 | E | **Thai** | |
| 1200-1300 | E | 1430-1440 | W |
| 1440-1450 | W | 1530-1700 | W |
| 1800-1900 | W | | |

**V.** by QSL-card.

### OTHER STATIONS

## COMMERCIAL BROADCASTERS UNION OF CHINA

**ADDR:** 7th Floor, 66-1, Sec. 1, Chungching-nan Rd, Taipei City.
**Member stations:** 1, 3, 6, 7, 12, 13, 14, 15, 17, 18, 19, 20, 21, 22, 23, 24, 25, 28, 30.
Other st's are Public or Military owned.
**Powers:** a) 0.5kW, b) 1kW, c) 1.5kW, d) 2kW, e) 3kW, f) 3.5kW, g) 5kW, h) 10kW, i) 20kW, j) 50kW. Others unknown.

| | Location | kHz | | Location | kHz |
|---|---|---|---|---|---|
| 2) | Taipei | 549 | 2) | Taipei | 810 |
| 16) | Chingshui | 558 | 6) | Kuanshi | 810 |
| 2) | Taipei + 7 sts | 594 | 8d) | Kaohsiung | 819g |
| 2) | Keelung | 612 | 1) | Taipei | 819b |
| 6) | Mingchien | 630 | 2) | Hualien | 819 |
| 6) | Tahsi | 639 | 2) | Ilan | 819 |
| 2) | Taipei + 3 sts | 639 | 12) | Tainan | 837b |
| 1e) | Tawu | 648b | 9f) | Penghu | 846h |
| 1b) | Taichung | 657b | 1d) | Nanfanauo | 846 |
| 7) | Hsinhua | 666 | 2) | 3 sts | 846 |
| 2) | 3 sts | 639 | 2) | Kaohsiung | 850 |
| 2) | Hsintan | 666 | 1a) | Chiayi | 855d |
| 2) | Ilan | 684 | 17) | Taipei | 855b |
| 9) | Taipei | 684 | 18) | Taichung | 864b |
| 9) | Taoyuan | 693h | 19) | Penghu | 882 |
| 9) | Tainan | 693e | 2) | 4 sts | 882 |
| 2) | Taitung | 693 | 2) | Taipei + 6 sts | 909 |
| 8b) | Taichung | 702h | 1e) | Chihshang | 918 |
| 2) | Ilan | 702 | 2) | Hualien | 927 |
| 10) | Hsinfeng | 710j | 2) | Ilan | 927 |
| 2) | Taitung | 729 | 9a) | Kuo Kuang | 936 |
| 11) | Taipei | 729a | 2) | Taitung | 936 |
| 2) | 3 sts | 747 | 9d) | Taipei | 936 |
| 2) | Taipei + 5 sts | 750 | 2) | Hsinchu | 936 |
| 12) | Makung | 756 | 2) | Taitung | 954 |
| 6) | Taichung | 774b | 7) | Hsinying | 954b |
| 13) | Taoyuan | 774g | 20) | Hualien | 954 |
| 9d) | Hualien | 792 | 21a) | Wanli | 954 |
| 14) | Keelung | 792b | 21) | Tunglo | 954 |
| 2) | Taipei + 2 sts | 792 | 6) | Chungshsing | 963b |
| 7) | Hsinhua | 801 | 10) | Hsinfeng | 980j |
| 15) | Changhua | 810b | 19) | Kaohsiung | 981b |

| | Location | kHz | | Location | kHz |
|---|---|---|---|---|---|
| 2) | Taipei | 990 | 1e) | Taitung | 1269b |
| 1b) | Taichung | 990 | 1b) | Tungshih | 1269 |
| 8f) | Hualien | 990h | 2) | Pintung | 1269 |
| 8e) | Ilan | 990b | 29) | Peitou | 1280b |
| 1f) | Kaohsiung | 1008b | 9b) | Taichung | 1287g |
| 22) | Taipei | 1008b | 24) | Fangliao | 1287 |
| 2) | Ilan | 1008 | 17) | Taipei | 1296 |
| 2) | Hualien | 1008 | 8c) | Hsinying | 1310g |
| 2) | Matan | 1017 | 21) | Chunan | 1314b |
| 2) | Miaoli | 1026 | 2) | Checheng | 1314 |
| 23) | Sanchung | 1026b | 6) | Taipei | 1323b |
| 21b) | Tung Lo | 1026 | 6) | Puli | 1332 |
| 3) | Kaohsiung | 1044b | 9e) | Tsaoying | 1332b |
| 20) | Wuhaoshan | 1044b | 16) | Matsu | 1340 |
| 24) | Pingtung | 1062g | 1d) | Toucheng | 1341 |
| 1d) | Ilan | 1062b | 9d) | Hualien | 1359b |
| 21) | Tainan | 1070b | 23) | Sanchung | 1359b |
| 2) | Taipei + 13 sts | 1089 | 1f) | Chishan | 1377 |
| 9) | Yunlin | 1089a | 28) | Taipei | 1377 |
| 16) | Kinmen | 1110b | 2) | 3 sts | 1377 |
| 9) | Taipei | 1116c | 1c) | Peikong | 1386b |
| 9) | Ilan | 1116g | 30) | Keelung | 1400g |
| 8a) | Hsinchu | 1116b | 16) | Kaohsiung | 1400b |
| 8d) | Kaohsiung | 1116h | 7) | Kuanyin | 1422 |
| 1c) | Yunlin | 1125d | 10) | Chingshui | 1430j |
| 26) | Taipei | 1130g | 10) | Taipei | 1440h |
| 27) | Taipei | 1152g | 16) | Kinmen | 1470 |
| 19) | Kaohsiung | 1161b | 10) | Taichung | 1476h |
| 1) | Taipei | 1170b | 26) | Taipei | 1476 |
| 15) | Erhlin | 1179 | 2) | 5 sts | 1476 |
| 6) | Taipei | 1190b | 4) | Taipei | 1494f |
| 12) | Tainan | 1190 | 8) | Taipei | 1512h |
| 6) | Hsinchu | 1206b | 2) | 8 sts | 1512 |
| 28) | Taipei | 1224b | 2) | 7 sts | 1539 |
| 23) | Juifang | 1233 | 5) | Taipei | 1548h |
| 9c) | Kaohsiung | 1251g | 5) | Taichung | 1570h |
| 8) | Taipei | 1260h | 27) | Taipei | 1575 |
| 1a) | Putzu | 1260 | 2) | Taichung | 1593 |
| 9f) | Penghu | 1269 | | | |

**FM:**

| MHz | | MHz | | MHz | | MHz | |
|---|---|---|---|---|---|---|---|
| 8e) | 101.3 | 4) | 101.7 | 8d) | 104.9 | 8g) | 106.5 |
| 8f) | 101.3 | 9) | 104.5 | 8c) | 105.1 | 9) | 106.5 |
| 8g) | 101.3 | 9d) | 104.5 | 8b) | 105.3 | 9) | 107.3 |
| 9) | 101.3 | 8) | 104.9 | 9) | 105.3 | | |

**Addresses and other information**

1) Cheng Sheng Broadc. Co, 7th Flr, 66-1, Sec. 1, Chungching So. Rd, Taipei. 24h (Sun 2200-1600) on 819kHz, 24h (Sun 2200-1400) on 1170kHz—1a) No. 5, Yenho Rd, Chiyai—1b) Nanmen Bridge, Taichung—1c) 10, Shijuijuan Rd, Huwei Town, Yunlin—1d) 45 Chiehchuan Rd, Ilan—1e) 21, Lane 380, Shinsheng Rd, Taitung—1f) 838, Chengching Lake, Kaohsiung.
2) Fu Hsin Broadc. Corp, 1253 Chengti Rd, Shihlin, Taipei. 1950-0620, 0820-1520.
3) Cheng Kang Broadc. St, 63 Chunghwa 3rd Rd, Kaohsiung. 2100-1715.
4) Chiao Yu Broadc. St. (Educational Broadc. St), 41 Nan Hai Rd, Taipei. 2200-0100, 0400-0600, 1000-1600.
5) International Community Radio, 8 Chung Yung 2nd Rd, Shan Tze Hou, Yangmingshan, Taipei 113. 24h in **English** (separate prgrs on MW & FM). **N:** on the h.
6) Taiwan Broadc. Corp, 12F, 21, Sec. 3, Chung Ching So. Rd, Taipei. 2000 (Sun 2140)-1700.
7) Chien Kuo Broadc. St, 36 Wuchang Str, Hsinying. 2050 (Sun 2150)-1700.
8) Ching Cha Broadc. Network (Public Radio System), 1 Tien Tsin Str, Taipei. 24h (rel. BCC-1 2300-2355)—8a) 82 Minchuan Rd, Hsinchu—8b) 99 Poai Str, Nantun, Taichung—8c) 49 Min Chih Rd, Hsinying, Tainan—8d) 246 Chungcheng 4th Rd, Kaohsiung—8e) 86 Wusha Rd, Ilan—8f) 21-2 Fuchian Rd, Hualien—8g) 126, Sec. 3, Chunghua Rd, Taitung—**V.** by QSL-card.
9) Chun Chung Broadc. St. (Military Broadc. St.), 5th Flr, No. 3, Sec. 1, Hsin Yi Rd, Taipei. 2040-1800 (Sun 1620) on MW, 2040-1755 on FM—9a) Chieu So. Rd, Taipei—9b) 178 Chensing Rd, Taichung—9c) Weiwuying, Fengshan, Kaohsiung 830—9d) 467 Chungcheng Rd, Hualien 950—9e) 40 Mingte-hsing village, Tsaoying 813—9f) Chengkungying, Makong, Penghu 880.

10) Kung Chun Broadc. St. (Air Force Broadc. St), 9F, No. 141, Sec. 3, Jenai Rd, Taipei 106. 2150-1615.
11) Shi Hsin Broadc. St. (World News Broadc. St), Shichie Hsinwen, Mushah, Taipei 116. 2055-1400.
12) Shen Li Chih Sheng Broadc. Co, 16 Chienkang Rd, Tainan City. 1st Prgr W 2130-1755, Sun 2220-1555 on 837kHz. 2nd Prgr W 2130-1755, Sun 2220-1555 on 1190kHz.
13) Hsien Sheng Broadc. Co, 491 Chungshan Rd, Taoyuan 330. 2150 (Sun 2250)-1600.
14) Cheng Hwa Broadc. St, 58-4 Nan Hsin Str, Nan Zong Rd, Keelung. W 2055-1800, Sun 2155-1700.
15) Kuo Sheng Broadc. Co, 2 Chungshan Vil, Chungshanli, Pakuashan, Changhua 500. W 2050-1800, Sun 2140-1600.
16) Kaohsiung Shih Cheng Broadc. St. (Civil Defense Broadc. St), 90 Shinchiang Rd, Kaohsiung. 2200 (Sun 2155)-1600.
17) Min Pen Broadc. Co, 6F, No. 70, Lane 640, Wan Ta Rd, Taipei 109. 1st Prgr 24h (Sun 2230-1800) on 1296kHz, 2nd Prgr 24h (Sun 2225-1800) on 855kHz.
18) Chung Sheng Broadc. Co, 134 Kuangfu Rd, Taichung. 2040-1600.
19) Feng Ming Broadc. Co, 492 Chiuru-erh Rd, Kaohsiung. 1st Prgr. 24h (Sun 2155-1600) on 1161kHz. 2nd Prgr W 2055-1800, Sun 2155-1400 on 981kHz.
20) Yen Sheng Broadc. St, 76 Minchuan Rd, Hualien City. W 2100-1600, Sun 2200-1500.
21) Tien Sheng Broadc. St, 285 Kongyi Rd, Chunan. W 2045-1610, Sun 2200-1500—1a) 8 Kouyla, Chungshiue Rd, Wanli—1b) 38-1, Tso Dong, Wen Hua Str, Tunglo.
22) Tien Nan Broadc. St, 31, Sec. 2, Hanchow So. Rd, Taipei. 24h.
23) Chung Hua Broadc. Co, 15, Lane 1, Shuangyuan Str, Sanchung, Taipei. 1st Prgr W 2150-1815, Sun 2250-1600 on 1359kHz. 2nd Prgr W 2150-1850, Sun 2250-1600 on 1026kHz.
24) Min Li Broadc. St, 57-20 Min Sheng Rd, Pingtung. 24h.
25) Dien Sheng Broadc. St, 16 Chiengkang Rd, Tainan. W 2130-1800, Sun 2220-1600.
26) Shih Cheng Broadc. St. (Civil Defense Broadc. St), 62-4, Sec. 3, Chung Shan No. Rd, Taipei. 24h.
27) Yu Shih Broadc. St. (China Youth Broadc. St), 131 Tunhwa No. Rd, Taipei. W 2150-1700, Sun 2150-0450 & 0920-1700. (1st Prgr. on 1152kHz, 2nd Prgr on 1575kHz).
28) Hua Sheng Broadc. Co, 18 Huasheng Str, Shihlin, Taipei. 24h. (1st Prgr on 1377kHz, 2nd Prgr on 1224kHz).
29) Fu Hsing Kang Broadc. St. (Armed Forces Broadc. St), Fu Hsin Kang, Peitou, Taipei. 2200-1400.
30) Yi Shi Broadc. St. (Catholic Church Broadc. St), 75, 3rd Str, Chitu, Keelung—Gen. Mgr: Aloysius Cheng. St. Mgr: Tome Lin. Chief Eng: Louise Hu. 2100 (Sun 2200)-1600.

## CHRISTMAS ISLAND

## (Australian Territory)

**L.T:** UTC + 7h — **Pr.L:** English, Malay, Cantonese, Mandarin.

### CHRISTMAS ISLAND BROADC. SERVICE

**ADDR:** Lower Drumsite, Christmas Island 6798, Indian Ocean.
**L.P:** Broadc. Officer: Natalie Rutherford. Asst. Broadc. Officer: Chris Mackie.
**STATION:** Phosphate Hill (G.C: 105.43E/10.25S): VLU2 1422kHz 0.25kW.
**D.PRGR:** W 2300-1500, Sun 0100-1400.
**N:** Rel. R. Australia, ABC (Perth, We. Australia), BBC and R. Singapore in 3 languages. The carrier is always on the air as the st. is used for shipping and aircraft information at other times.

## COCOS (Keeling) ISLANDS (Australian)

**L.T:** UTC + 6½h — **Pr.L:** English.

### RADIO COCOS (Gov.)

**ADDR:** VKW Radio Cocos, Cocos (Keeling) Islands.
**L.P:** St. Mgr: R.W. Pilsbury. Dir. Tec: G. Carty.
**STATION** (G.C: 96.49E/12.09S): VKW 1404kHz 0.12kW.
**D.PRGR:** 0000-1730 (rel. R. Australia or ABC Perth plus some local prgrs).
**N:** rel. of R. Australia or BBC: 2330, 0100, 0400, 0600, 1100.
**V:** Reports not wanted.

## DIEGO GARCIA (British Indian Ocean Territory)

**L.T:** UTC + 5h — **Pr.L:** English.

### ARMED FORCES RADIO AND TELEVISION SERVICE

**ADDR:** U.S. Navy Broadcasting Service Detachment Three, Box 14, U.S. Naval Support Facility, F.P.O. San Francisco, CA 96685, USA.
**L.P:** St. Mgr: R. Zabriskie. Dir. Tec: B. Posadas.
**STATION:** 1485kHz 0.25kW — **FM:** 101.9MHz 50W.
**D.PRGR:** 24h.
**ANN:** Armed Forces Radio and Television Service, 1485kHz on your dial, Diego Garcia, BIOT" — **V.** by letter.

## HONG KONG (British)

**L.T:** UTC + 8h — **Pr.L:** Chinese, English — **E.C:** a/c 50, 200V (yes).

### RADIO TELEVISION HONG KONG (Gov.)

**ADDR:** Broadcasting House, Broadcast Drive, P.O. Box 70200, Kowloon Central Post Office, Hong Kong. **Te:** 3-370211. **Cable:** "Broadcasts". **Telex:** 45568.
**L.P:** Dir. of Broadc: Stuart Wilkinson. Dep. Dir. of Broadc. Harold Kwok. Asst. Dir. of Broadc. (TV): Simon Lun Siu-ming. Contr. (Eng. & Prod. Sces): Philip Manns. Contr. N: Warren Rooke.
**Mediumwaves** (G.C: 114.09E/22.22N):

| kHz | kW | Prgr | kHz | kW | Prgr |
|---|---|---|---|---|---|
| 567 | 20 | 3 | 783 | 20 | 1 |

**Shortwaves:** 3940kHz 2kW (G.C: 114.11E/22.18N) used irr. for special events.
**FM:** 91MHz 10kW stereo (Prgr.4), 94MHz 10kW stereo (Prgr.2), 96MHz 1kW (Prgr.5) + 6 relay st's 0.04kW.
**D.Prgr:**
**RTHK1** in Chinese: 24h. **N:** half-hourly. Relay BBC Far Eastern St: 1200, 1300.
**RTHK2** in Chinese: 24h. **N:** half-hourly.
**RTHK3** in English: 24h. **N:** hourly. Relay BBC-WS: 2300, 0000, 1100, 1300.
**RTHK4** in English: 24h. **N:** hourly. Relay BBC-WS: 2300, 1100.
**RTHK5:** 2200-2245, 0900-1830 English (Relay BBC-WS); 2245-0900 Chinese (relay BBC Far Eastern st.)
**V.** by QSL-card.

### HONG KONG COMMERCIAL BROADC. CO. LTD.

**ADDR:** GPO, Box 3000, Hong Kong. **Te:** 3-365111. **Cable:** Radioads. **Telex:** HX41332 (CRNWS).
**L.P:** Man. Dir. & Gen. Mgr: G. Ho. Group Consultant: N. Demuth.
**STATIONS** (G.C: 114.02E/22.17N):

| | | |
|---|---|---|
| 675kHz | 10kW: | 24h. Chinese II Sce. |
| 864kHz | 10kW: | 24h. Chinese I Sce. |
| 1044kHz | 10kW: | 2200-1700 English Sce. |

**FM:** 101.4/102.4MHz (Chinese I), 103.8/104.6MHz (Chinese II).
**N:** half hourly throughout. **Wrp:** follows all news.
**ANN:** E: "Commercial R. Hong Kong"
**V.** by letter. Rec. acc. (B).

### BRITISH FORCES BROADC. SCE. HONG KONG

is operated for the Ministry of Defence by the Services Sound and Vision Corporation, to provide a service of entertainment, information and education as well as a link with home for British and British Gurkha Forces. It is non-comm. and does not accept advertising.
**ADDR:** BFBS, Hong Kong, BFPO 1. **Te:** 09837301. **Telex:** 64513 BFBS HX.
**L.P:** St. Contr: J.W. Nation. Nepali Prgr. Org: Major K. Gurung. English Prgr. Org: N. Bailey. Sen. Eng: R. Dunn.
**STATIONS:**
**FM:** Castle Peak, NT 99.5MHz 5kW, Brick Hill HK 90.2MHz 50W.
**D.PRGRS. in English/Nepali:** 2200-1700. **N. in English:** 0000, 0100, 0500, 0600, 0800, 0900, 1000, 1100, 2300, 2330.
**N. in Nepali:** 0500, 1200, 1400, 2245.

**ANN:** "This is the British Forces Broadcasting Service Hong Kong". Nepali: "Yo British Forces Broadcasting Service Hong Kong ho" — **V.** by QSL-card. Rp. (B).

## INDIA

**L.T:**UTC + 5½h — **Pr.L:** Assamese, Bengali, Dogri, English, Gujarati, Hindi, Kannada, Kashmiri, Marathi, Malayalam, Nepali, Oriya, Punjabi, Sanskrit, Sindhi, Tamil, Telugu and Urdu.
**E.C:** a/c 50 + d/c, 230/400V(yes).

### MINISTRY OF INFORMATION & BROADCASTING

**ADDR:**Shastri Bhavan, New Delhi 110001.
**L.P:** Minister of Inf. & Broadc: Hon H.K.L. Bhagat.

### ALL INDIA RADIO (Gov.)

**ADDR:**Directorate General, Akashvani Bhavan, Parliament Str, New Delhi 110001. **Te:** 382021. **Cable:** Airgeneral. **Telex:** 0313225
**L.P:** Dir. Gen: S.S. Verma. Additional Dir. Gen: A.R. Shinde. Engin-Chief: P.S. Dhagat. Dir. Freq. Assign: H.O. Agarwal. Dir. News Sce: I. Ramamohan Rao. Chief Eng (R. & D.): A.K. Sen. St. Dirs: Delhi: G. Gururaj. Calcutta: T.R. Malakar. Bombay: S. Khrishnan. Madras: R. N. Nair. Dir. Trans. and Prgr. Exchange Sces: Smt. Kishwar Ara. Dep. Dir. (Liaison): K.S. Maitra.
**Regions:** N = North Regional Sce (HQ: New Delhi); E = East Regional Sce (HQ: Calcutta); S = South Regional Sce (HQ: Madras); W = West Regional Sce (HQ: Bombay) — c = Vividh Bharati (Commercial Sce) — *)also used for Ext. Sce.

**Local Addresses** (location of st. given in bold): Palace Compound, **Agartala**-799001, Tripura — Ashram Road, Navrangpura, **Ahmedabad**-38009 Gujarat — **Aizawl**-796001, Mizoram — **Ajmer**-305001, Rajastan — **Allahabad**-211001, Uttar Pradesh — Post Bag 72, **Alleppey**-688001, Kerala — **Ambikapur**-497001, Madhya Pradesh — Jalna Road, **Aurangabad**-431001, Maharashtra — Box 96, Cubbon Road, **Bangalore**-560001, Karnataka — **Baroda**-390009, Gujarat — **Bhadravati**-577301, Karnataka — **Bhagalpur,** Bihar — Shyamla Hills, **Bhopal**-462002, Madhya Pradesh — **Bhuj**-370001, Kutch, Gujarat — **Bikaner,** Rajastan — New Broadcasting House, Backbay Reclamation, **Bombay** 400020, Maharashtra — G.P.O. Box 696, Eden Gardens, **Calcutta** 700001, West Bengal — Box 118, Beach Road, **Calicut**-673001, Kerala — Sector 19, **Chandigarh**-160019 — **Chhatarpur**-471001, Madhya Pradesh — Trichy Road, Ramanathapuram, **Coimbatore**-641045, Tamilnadu — **Cuddapah**-516001, Andhra Pradesh — **Cuttack**-753001, Orissa — **Darbhanga,** Bihar — **Dharwar**-580008, Karnataka — **Dibrugarh**-786001, Assam — **Gangtok**-737101, Sikkim — Box 28, **Gauhati**-781003, Assam — Box 25, **Gorakhpur**-273001, Uttar Pradesh — **Gulbarga**-585102, Karnataka — **Gwalior**-474002, Madhya Pradesh — Rocklands, Safiabad, **Hyderabad**-500004, Andhra Pradesh — **Imphal**-795001, Manipur — Malwa House, **Indore**-452001, Madhya Pradesh — **Jabalpur,** Madhya Pradesh — **Jagdalpur**-494001, Madhya Pradesh — **Jaipur**-302001, Rajastan — **Jalgaon**-425001, Maharashtra — **Jeypore**-764001, Orissa — **Jodhpur**-342001, Rajastan — **Jullundur**-144001, Punjab — **Kanpur**-208001, Uttar Pradesh — **Kohima**-797001, Nagaland — **Kurseong**-734203, Darjeeling, West Bengal — 13, Vidhan Sabha Marg, **Lucknow** 226001, Uttar Pradesh — Kamarjar Salai, Mylapore, **Madras** 600004, Tamilnadu — **Mangalore**-575004, S. Kanara, Karnataka — **Mathura**-281003, Uttar Pradesh — V.V. Mohalla, **Mysore**-570002, Karnataka — **Konam Nagercoil**-629002, Kanya Kumari, Tamilnadu — **Nagpur**-440001, Maharashtra — **Najibabad**-24673, Uttar Pradesh — Parliament Street, **New Delhi**-110001 — **Panaji**-403001, Goa — **Parbhani**-431401, Maharashtra — **Pasighat**-791102, Arunachal Pradesh — Chhajju Bagh, **Patna**-800001, Bihar — 24, Cours Chabrol, **Pondicherry**-605001 — Shivaji Nagar, **Poona**-411005, Maharashtra — **Port Blair**-744102, Andaman Islands — Kamala Nehru Marg, Civil Lines, Box 97, **Raipur**-492001, Madhya Pradesh — Sitaram Pandit Road, Post Bag 155, **Rajkot**-230009, Gujarat — **Rampur**-244901, Uttar Pradesh — **Ranchi**-834001, Bihar — Thiba Palace Road, **Ratnagiri**-415612, Maharashtra — **Rewa,** Madhya Pradesh — **Rohtak,** Haryana — **Sambalpur,** Orissa — **Sangli**-416416, Maharashtra — **Shillong**-793001, Meghalaya — **Silchar**-788001, Cachar, Assam — **Siliguri**-734401, Darjeeling, West Bengal — **Simla**-171004, Himachal Pradesh — Sri Ganga Nagar, **Suratgarh,** Rajastan — **Tawang**-790104, Arunachal Pradesh — **Tezu**-792001, Arunachal Pradesh — Box 54, **Tiruchirapalli**-520001, Tamilnadu — High Grounds Road, Palayam Pettai, **Tirunelveli**-627006, Tamilnadu — Ramavarmapuram, **Trichur**-680631, Kerala — Box 403, Bhakti Vilas, Vazuthacaud, **Trivandrum**-695014, Kerala — **Udaipur**-313001, Rajastan — Brahmavar, **Udipi**-576213, Karnataka — **Varnasi**-221001, Uttar Pradesh — **Vijayawada**-520010, Andhra Pradesh — **Visakhapatnam**-530001, Andhra Pradesh.

| Mediumwaves | kHz | kW | Reg. |
|---|---|---|---|
| Jodhpur A. | 531 | 100 | N |
| Aizawal | 540 | 20 | E |
| Ranchi A | 549 | 10 | N |
| Bombay B | 558 | 50 | W |
| Dibrugarh | 567 | 100 | E |
| Alleppey | 576 | 100 | S |
| Nagpur A | 585 | 100 | W |
| Calcutta* | 594 | 1000 | E |
| Ajmer | 603 | 20 | N |
| Bangalore A | 612 | 50 | S |
| Patna A | 621 | 20 | N |
| Trichur | 630 | 20 | S |
| Kohima A | 639 | 50 | E |
| Indore A | 648 | 100 | N |
| Calcutta A | 657 | 100 | E |
| Delhi B | 666 | 100 | N |
| Bangalore B | c675 | 1 | S |
| Chhatarpur | 675 | 20 | N |
| Port Blair A | 684 | 20 | S |
| Calicut A | 684 | 10 | S |
| Rajkot A | 693 | 20 | W |
| Jullundur* | 702 | 100 | N |
| Siliguri | 711 | 20 | E |
| Madras A | 720 | 20 | S |
| Gauhati A | 729 | 50 | E |
| Hyderabad A | 738 | 50 | S |
| Lucknow A | 747 | 50 | N |
| Jagdalpur | 756 | 20 | N |
| Dharwar A | 765 | 10 | S |
| Simla | 774 | 100 | N |
| Madras C | c783 | 2.5 | S |
| Poona A | 792 | 100 | W |
| Rewa | 801 | 20 | N |
| Delhi A | 819 | 100 | N |
| Panaji A | 828 | 10 | W |
| Silchar | 828 | 10 | E |
| Vijaywada A | 837 | 20 | S |
| Ahmedabad A | 846 | 50 | W |
| Shillong B | 864 | 0.25 | E |
| Jullundur B | 873 | 50 | N |
| Imphal | 882 | 50 | E |
| Tiruchirapalli B | c891 | 1 | S |
| Rampur | 891 | 10 | N |
| Cuddapah | 900 | 100 | S |
| Gorakhpur | 909 | 100 | N |
| Suratgarh | 918 | 10 | N |
| Vishakhapatnam | 927 | 100 | S |
| Tiruchirapalli A | 936 | 50 | S |
| Sambalpur | 945 | 20 | E |
| Najibabad | 954 | 100 | N |
| Jalgaon | 963 | 20 | W |
| Cuttack A | 972 | 100 | E |
| Raipur | 981 | 20 | N |
| Coimbatore | 999 | 10 | S |
| Calcutta B | 1008 | 50 | E |
| Delhi D | 1017 | 20 | N |
| Mysore | 1017 | 1 | S |
| Allahabad A | 1026 | 1 | N |
| Gauhati B | 1035 | 10 | E |
| Bombay A | 1044 | 20 | W |
| Passighat | 1062 | 0.15 | E |
| Pondicherry | 1062 | 1 | S |
| Rajkot* | 1071 | 1000 | W |

| | kHz | kW | Reg. |
|---|---|---|---|
| Udipi | 1089 | 20 | S |
| Gulbarga | 1107 | 10 | S |
| Udaipur | 1125 | 10 | N |
| Gangtok | 1125 | 20 | E |
| Calcutta* | 1134 | 1000 | E |
| Rohtak | 1143 | 20 | N |
| Ratnagiri | 1143 | 20 | W |
| Ranchi B | c1152 | 1 | N |
| Trivandrum A | 1161 | 10 | S |
| Hyderabad C | c1170 | 1 | S |
| Jabalpur B | 1179 | 20 | N |
| Bombay C | c1188 | 20 | W |
| Jodhpur B | c1197 | 1 | N |
| Shillong A | 1197 | 1 | E |
| Tirunelvelli | 1197 | 10 | S |
| Calcutta D | 1224 | 2.5 | E |
| Bhopal B | c1233 | 1 | N |
| Varanasi | 1242 | 10 | N |
| Sangil | 1251 | 20 | W |
| Ambikapur | 1260 | 20 | N |
| Agartala | 1269 | 20 | E |
| Jaipur B | c1269 | 1 | N |
| Lucknow C | c1278 | 1 | N |
| Darbhanga | 1296 | 10 | N |
| Parbhani | 1305 | 10 | W |
| Bhuj | 1314 | 10 | W |
| Cuttack B | c1314 | 1 | E |
| Calcutta C | c1323 | 20 | E |
| Tezu | 1332 | 0.25 | E |
| Mangalore | 1332 | 1 | S |
| Kohima B | 1341 | 1 | E |
| Jullundur C | c1350 | 1 | N |
| Dharwad B | c1350 | 1 | S |
| Bhadravathi | 1359 | 20 | S |
| Delhi C | c1368 | 10 | N |
| Hyderabad B | 1377 | 10 | S |
| Gwalior | 1386 | 10 | N |
| Bikaner | 1395 | 10 | N |
| Madras B | 1395 | 1 | S |
| Gangtok | 1404 | 10 | E |
| Rajkot B | c1422 | 1 | W |
| Chandigarh | 1431 | 1 | N |
| Calicut B | 1431 | 1 | S |
| Ahmedabad B | c1440 | 1 | W |
| Port Blair B | 1440 | 1 | S |
| Kanpur | c1449 | 1 | N |
| Bhagalpur | 1458 | 10 | N |
| Jeypur | 1467 | 20 | E |
| Jaipur A | 1476 | 1 | N |
| Bhopal A | 1485 | 1 | N |
| Allahabad B | c1485 | 1 | N |
| Baroda | c1485 | 1 | W |
| Trivandrum B | c1494 | 1 | S |
| Vijaywada B | c1503 | 1 | S |
| Aurangabad | 1521 | 1 | W |
| Tawang | 1521 | 0.5 | E |
| Mathura | 1530 | 1 | N |
| Panaji B | c1539 | 5 | W |
| Indore B | c1584 | 1 | N |
| Nagpur B | c1602 | 1 | W |
| Poona B | c1602 | 1 | W |
| Patna B | c1602 | 1 | N |
| Nagercoil | 1602 | 1 | |

**D.PRGR:** Most local MW st's operate split schedules between 0025 and 1741. Comm. sce. st's mostly s/on 0125 and some s/off 1800.
**FM:** Bombay/Calcutta/Delhi/Madras 107.1MHz (all 15kW ERP).
**F.PL:** 80 FM-st's by end of next 5 year plan.

**SHORTWAVES** (VB = Vividh Bharati).

| kHz | kW | Station | Reg. | Times |
|---|---|---|---|---|
| 3205 | 10 | Lucknow | N | 0025-0215<br>1215 (Sun 1100)-1741 |
| 3223 | 2.5 | Simla | N | 0100-0200, 1300-1741 |
| 3235 | 10 | Gauhati B | E | 1230-1700 (Sun 1730) |
| 3268 | 2 | Kohima A | E | 1315-1730 |
| 3305 | 2 | Ranchi | N | 1200-1741 |
| 3315 | 10 | Bhopal A | N | 0100-0215, 1200-1741 |
| 3355 | 10 | Kurseong | E | 1130-1741 |
| 3365 | 10 | Delhi | N | 0025-0229, 1230-1741 |
| 3375 | 10 | Gauhati A | E | 1230-1741 |
| 3905 | 10 | Delhi | N | 0130-0135, 0215-0225<br>0229-0251, 0300-0340<br>(Sun 0345), 1220-1310 |
| 3925 | 10 | Delhi | N | 0030-0035, 1330-1415<br>1420-1630*, 1730-1740 |
| 4775 | 10 | Gauhati B | E | 0100-0200, 1030-1215 |
| 4800 | 10 | Hyderabad A | S | 0025-0215, 1200-1741 |
| 4820 | 10 | Calcutta A | E | 0025-0210, 1230-1732 |
| 4840 | 10 | Bombay B | W | 0025-0215,<br>1230 (Sat 1200)-1741 |
| 4850 | 2 | Kohima A | E | 0000-0215, 1000-1300 |
| 4860 | 10 | Delhi | N | 1235-1315, 1330-1335<br>1345-1415, 1420-1435<br>1445-1630*, 1730-1740 |
| 4895 | 10 | Kurseong | E | 0125-0400 |
| 4920 | 10 | Madras A | S | 0025-0215, 1200-1736 |
| 4940 | 10 | Gauhati A | E | 0025-0145 |
| 4960 | 2 | Ranchi A | N | 0100-0200 |
| 5050 | 50 | Aizawal | E | 0030-0200, 1230-1630<br>(Sat 1741) |
| 5990 | 10 | Bhopal A | N | 0229-0400 (Sun 0415) |
| 6020 | 2.5 | Simla | N | 0215-0400, 0700-0900<br>1130-1245 |
| 6035 | 100 | Delhi | N | 0030-0035 |
| 6045 | 100 | Delhi | N | 0130-0145, 0215-0225<br>0229-0251, 0300-0340<br>(Sun 0345) |
| 6120 | 100 | Delhi | N | 1130-1140, 1345-1400 |
| 6145 | 100 | Delhi | N | 1430-1435, 1445-1600 |
| 6170 | 10 | Lucknow B | N | 0229-0400 |
| 7110 | 10 | Delhi | N | 0251-0432, 0735-1031<br>1130-1140 |
| 7125 | 2 | Ranchi A | N | 0215-0400 (Sun 0430)<br>0700-0940 |
| 7140 | 10 | Hyderabad A | S | 0229-0331 (Sun 0431)<br>0600-0915<br>(Sat 0930, Sun 1030) |
| 7150 | 10 | Gauhati B | E | 0145-0400, 0630-1000<br>(Sun 0600-1015) |
| 7160 | 10 | Madras A | S | 0230-0400W,<br>Sun 0415-0600<br>0610-0931 (Sat/Sun 1130) |
| 7170 | 2 | Kohima A | E | 0230-0430, 0630-0941 |
| 7180 | 250 | Aligarh | N | 0130-0205, 0229-0251 |
| 7180 | 10 | Bhopal A | N | 0430-0531 (Sun)<br>0700-1015 |
| 7210 | 10 | Calcutta A | E | 0230-0400, 0430-0435<br>0630-1215 (Sat 1030) |
| 7225 | 20 | Delhi | N | 0215-0225, 0229-0251<br>0300-0340 (Sun 0345) |
| 7230 | 10 | Kurseong | E | 0630-1000 |
| 7235 | 100 | Madras | S | 1245-1730 (VB) |
| 7240 | | Delhi | N | 0130-0215 |
| 7240 | 10 | Bombay B | W | 0229-0400 (Sun 0345)<br>W 0415-0500<br>Sun 0430-0850<br>W 0530-0850, 0915-1020 |
| 7250 | 10 | Lucknow B | N | 0630 (Sun 0415)-0930<br>0935-0936 |
| 7260 | 100 | Bombay | W | 0130-0300 (VB) |
| 7260 | 100 | Delhi | N | 1330-1415, 1430-1435<br>1445-1600*, 1730-1740 |
| 7280 | 10 | Gauhati A | E | 0200-0400, 0630-0900<br>1130 (Sun 1030)-1215 |
| 7280 | 100 | Delhi | N | 1220-1310 |
| 7280 | 250 | Aligarh | N | 1330-1415, 1420-1600 |
| 7295 | 50 | Aizawal | E | 0215-0345, 0800-1000,<br>1130-1215 |
| 7412 | 100 | Delhi | N | 1430-1630*, 1730-1740 |
| 9525 | 100 | Madras | S | 0125-0400 (VB) |
| 9530 | 10 | Calcutta | E | 0430-0435, 0700-1000 |
| 9545 | 100 | Delhi | N | 0130-0205, 0229-0251<br>0330-0340 (Sun 0345) |
| 9575 | 100 | Delhi | N | 1330-1415, 1430-1435<br>1445-1600 |
| 9610 | 50 | Delhi | N | 0130-0225, 0229-0251<br>0300-0340 (Sun 0345) |
| 9615 | 100 | Bombay | W | 1220-1245, 1300-1445 (VB) |
| 9660 | 50 | Delhi | N | 1514-1600 |
| 9675 | 100 | Delhi | N | 1130-1140 |
| 9705 | 100 | Delhi | N | 0730-0740, 0750-0940 |
| 9750 | 100 | Madras | S | 0630 (Sun & holidays 0600)-<br>0700, 0830-1100 (VB) |
| 9950 | — | Delhi | N | 1330-1415, 1430-1630*<br>1730-1740 |
| 10335 | — | Delhi | N | 1330-1415, 1430-1435,<br>1445-1630 |
| 11620 | — | Delhi | N | 1220-1255, 1330-1415 |
| 11730 | 100 | Delhi | N | 0730-0810, 0830-0940 |
| 11815 | 100 | Delhi | N | 1115-1140 |
| 11830 | 100 | Delhi | N | 0130-0225, 0229-0251<br>0330-0340 (Sun 0345) |
| 11830 | 100 | Bombay | W | 0830-1015, 1030-1200 (VB) |
| 11850 | 100 | Delhi | N | 0700-0810, 0820-0940<br>1130-1140 |
| 11855 | 100 | Delhi | N | 1220-1245 |
| 11895 | 100 | Delhi | N | 0130-0205, 0229-0251<br>0330-0340 (Sun 0345)<br>1220-1245 |
| 11935 | 20 | Delhi | N | 0700-0810 |
| 15140 | 50 | Delhi | N | 0229-0251<br>0330-0340 (Sun 0345) |
| 15160 | 100 | Delhi | N | 0730-0810, 0830-0940 |
| 15240 | 50 | Delhi | N | 1220-1245 |
| 15250 | 50 | Delhi | N | 0700-0750, 0820-0940<br>1130-1140 |
| 15280 | 100 | Bombay | W | 1615-1745 |
| 15320 | 100 | Delhi | N | 1115-1140 |
| 17705 | 50 | Delhi | N | 0730-0740, 0830-0940 |

*)varies to 1700 or 1730. All schedules may be extended for sports commentaries.

**NB:** Some Delhi freqs are used to feed prgrs to regional st's. These are due to be replaced by satellite feeds.

**V.** by letter or card for direct reports to many st's. (see regional addr. list).

**HOME NEWS IN ENGLISH on Shortwaves:**

0032-0035 Delhi 3365/3925/6035kHz & on regionals 3205/4800/4820/4840/4850/4920/4940kHz.

0240-0250 Delhi 3905/6045/7180/7225/9545/9610/11830/11895/15140kHz & on regional 4895kHz.

0430-0432 Delhi 7110kHz & Calcutta 7210kHz.

0630-0632 Bombay 7240kHz.

0730-0735 Delhi 7110/9615/9705/11730/11850/11935/15160/15250/17705kHz & on regionals 6020/7150/7180/7210/7250kHz.

0830-0840 Delhi 7110/9615/9705/11730/11850/15160/15250/17705kHz & on regionals 6020/7110/7125/7160/7180/7210/7295kHz.

0850-0915 (Slow speed) Delhi: as 0830-0840 & on regionals 7150/7210/7295kHz.

1135-1140 (State & Development news) Delhi 6120/7110/9675/11815/11850/15250/15320kHz.

1230-1235 Delhi 3905/7280/11620/11855/11895/15240kHz & on regionals 3235/3277/3355/4800/4920/9615kHz.

1430-1435 (Sports News) Delhi 3925/4860/6145/7260/7412/9575/9950/10335kHz & on regionals 4840/7280kHz.

1530-1545 Delhi 3925/4860/6145/7260/7412/9575/9660/9950/10335kHz & on regionals 3205/3223/3235/3277/3305/3315/3345/3355/4800/4920/5050kHz.

1730-1735 Delhi 3365/3925/4860/7260/7412/9950kHz & on regionals 3205/3223/3277/3305/3315/3345/4800/4840/4920kHz.

**We remind our readers that a list of Broadcasts in English, arranged by time/target areas, may be found in this edition.**

## EXTERNAL SERVICES

**ADDR:** Directorate of Ext. Sces, P.O. Box 500, New Delhi 110001.
**MEDIUMWAVES:** See Home Sce.
**SHORTWAVES:** Delhi (G.C: 77.12E/28.43N): 4 × 100kW, 1 × 10kW tr's at Kingsway & 4 × 100kW, 2 × 50kW, 2 × 20kW tr's at Khampur; Aligarh (G.C: 78.06E/28.00N): 4 × 250kW tr's; Bombay (G.C: 72.49E/19.11N): 1x100kW tr; Madras (G.C: 80.07E/13.08N): 1 × 100kW tr.

| kHz | kHz | kHz | kHz | kHz | kHz | kHz |
|---|---|---|---|---|---|---|
| 3295 | 7170 | **9595** | 10335 | **11830** | B15165 | **15365** |
| 3905 | 7195 | 9615 | **11620** | 11830 | **15175** | 17387 |
| 4860 | 7215 | **9630** | 11620 | 11865 | **15230** | 17705 |
| 6105 | 7225 | 9665 | B11715 | 11875 | B15265 | **17780** |
| 6155 | **7260** | 9675 | 11730 | 11895 | B15280 | **17785** |
| 7105 | 7265 | 9705 | 11765 | **11940** | **15320** | 17805 |
| 7110 | 9515 | 9730 | 11795 | **15110** | **15335** | 17830 |
| 7120 | 9545 | 9755 | 11810 | 15130 | M15335 | 17855 |
| 7140 | 9550 | 9912 | 11815 | 15140 | 15360 | **17875** |

B = Bombay, M = Madras; Freqs in bold = 250kW.

**Services:** I = General Service/S.E. Asia; II = General Service/East Africa; III = Eastern Service; IV = Western Service; V = General Overseas Service/E. & S.E. Asia; VI = General Overseas Service/N.E. Asia; VII = General Overseas Service/Australia & New Zealand; VIII = General Overseas Service/E. Africa; IX = General Overseas Service/W. & N. Africa; X = General Overseas Service/UK & W. Europe. XI = Hindi Sce/Gulf. Freqs in bold = 250kW.

| Arabic | Area | kHz |
|---|---|---|
| 0430-0500 | IV | 15140/15360/**17785** |
| 1745-1945 | IV | 3905/9912 |
| 1800-1945 | IV | 7105 |
| **Baluchi** | | |
| 1300-1330 | IV | 1071/7140 |
| **Bengali** | | |
| 0251-0430 | I | 594 |
| 0800-1100 | I | 594 |
| 1600-1730 | I | 1134 |
| **Burmese** | | |
| 0045-0115 | III | 1134/7265/9755/11815 |
| 1115-1215 | III | 15230/**17780** |
| **Cantonese/Kuoyu** | | |
| 2145-2245 | III | 1134/7120/9730 |
| 1215-1315 | III | 1134/11810/**15365** |
| **Dari** | | |
| 0300-0345 | IV | **9630**/7225 |
| 1330-1430 | IV | 1071 |
| **English** | | |
| 2245-0115 | V | 7215/9595/11765/**15110** |
| | VI | **9912**/B11715/**15175** |
| 1000-1100 | VI | 15230/**15320**/17387 |
| | VII | 11795/15130/17705/**17875** |
| 1330-1500 | V | 9545/11810/**15335** |
| 1800-2000 | VIII | 11830/B15265 |
| 1845-2230 | X | 7170/9665/**11620** |
| 1945-2045 | IX | 9755/11865 |
| 2000-2230 | X | 9912 |
| 2045-2230 | VII | 9550/9912/11875 |
| **French** | | |
| 1115-1130 | III | **15365**/17830 |
| 1845-1930 | IV | 9755/11865 |
| **Gujarati** | | |
| 0415-0435 | IV | B15165/17805 |
| 1700-1745 | IV | **11830**/B15280 |
| **Hindi** | | |
| 2300-2400 | I | 1134/7265/9755/11815 |
| 0315-0415 | II | B15165/17805 |
| 1615-1700 | II | 11830/B15280 |
| 1745-1830 | XI | 9515/9550/11620 |
| **Indonesian** | | |
| 0845-0945 | III | **15175**/17855 |
| **Konkani** | | |
| 0435-0445 | IV | B15165/17805 |
| **Nepali** | | |
| 0130-0215 | III | 594/4860/6105/7225 |
| 0700-0730 | III | 7110/9615/11730 |
| 1400-1440 | III | 1134 |
| **Persian** | | |
| 0400-0430 | IV | 15140/15360/**17785** |
| 1615-1745 | IV | 3905/9912 |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| Punjabi | Area | kHz |
|---|---|---|
| 1330-1430 | I | 702 |
| **Pushtu** | | |
| 0215-0300 | IV | 7225/**9630** |
| 1430-1545 | IV | 1071 |
| **Russian** | | |
| 1615-1715 | IV | 9615/**11940** |
| **Sindhi** | | |
| 1200-1300 | I | 1071/7140 |
| 1545-1615 | I | 1071 |
| **Sinhala** | | |
| 1300-1330 | III | 11620/10335 |
| **Swahili** | | |
| 1515-1615 | VIII | 11830/B15280 |
| **Tamil** | | |
| 0000-0045 | I | 1134/7265/9755/11815 |
| 1130-1230 | I | M15335 |
| **Thai** | | |
| 1130-1200 | III | **15365**/17830 |
| **Tibetan** | | |
| 0215-0230 | III | 594/**7195**/9545/11895 |
| 1230-1315 | III | **7260**/9705 |
| 1315-1400 | III | 1134 |
| **Urdu** | | |
| 0015-0430 | I | 702/1071 |
| 0130-0430 | I | 6155 |
| 0500-0530 | IV | 15140/15360/17785 (Oct/Nov only) |
| 0830-1130 | I | 702/1071/9675 |
| 1430-1930 | I | 702/3295 |
| 1615-1930 | I | 1071 |

**NEWS: English:** 2300, 0100, 1000, 1055, 1330, 1455, 1800, 1900, 2000, 2100, 2200. **French:** 1115,1850.
**DX-PRGR: English:** 1st and 3rd Mon of month. 1040, 1435, 1930, 2125; Tues 0050.
**ANN:** Home Sce: Tamil: "Akashvani . . . (name of regional st)" or "All India Radio (name of regional st), Vanali Niliyan". Hindi: "Ye Akashvani (name of Regional st)". E: "This is All India Radio"— External Sce: E: "This is the General Overseas Sce of All India R". Dari: "Inja Delhi". Nepalese: "Yo All India Radio Ho". Persian: "Inja Delhi". Pushtu: "Da All India R. Delhi De". Sinhala: "Me All India R. Videshiya Sevayai".
**INT-SIG:** All India Radio's signature is a melody of eight seconds' duration repeated with intervals of 10 seconds in between. The instruments used are violin, cello and tampura.

**V.** by QSL-card (Reports to: Post Box No. 500, New Delhi).

**PUB:** "India Calling" in English and bulletins in 7 regional languages for home listeners. Requests for free supplies of copies to: The Editor, India Calling, All India Radio, PTI Buildings, Parliament Street, New Delhi 110 001, or through Indian Diplomatic Missions abroad.
**F.PL:** New 50kW tr's at Gauhati, Madras, Shillong; 2x500kW tr's at Bangalore and 2×250kW tr's at Khampur for Ext. Sce; 4x50kW tr's at Kingsway, Delhi.

## JAMMU & KASHMIR

### RADIO KASHMIR (Gov.)

**ADDR:** Gov. of India, Radio Kashmir, Srinagar 190001, India.
**Te:** 72739. **Cable:** Akashvani, Srinagar—Govt. of India, Radio Kashmir, Jammu 180001, India. **Te:** 4304 43052. **Cable:** Akashvani, Jammu.
**L.P:** St. Dir: R.P. Itigi (Srinagar), K.V. Ramachandran (Jammu). Supt. Eng: K.V. Bhima Rac (Srinagar), A.R. Sharma (Jammu).

| Mediumwaves | kHz | kW | | kHz | kW |
|---|---|---|---|---|---|
| Jammu A | 990 | 50 | Srinagar A | 1116 | 20 |
| Leh | 1053 | 10 | Srinagar B | 1224 | 1 |
| Jammu B | 1089 | 1 | Srinagar C | 1503 | 1 |

**Shortwaves**

| | kHz | kW | | kHz | kW |
|---|---|---|---|---|---|
| S | 3277 | 7.5 | J | 5960 | 2 |
| J | 3345 | 2 | S | 6110 | 7.5 |

**HOME SCES:** in Kashmiri, Urdu, English, Hindi, Gojri & Punjabi:
**Srinagar A:** 0125-0445, 0600-1702 on 1116kHz.
**Srinagar B:** 0125-0225 & 1230-1737 on 3277kHz; 0240-0430 (Sun 0515) & 0630-0900 on 6110kHz; All times on 1224kHz.
**Srinagar C:** 0155-0400, 0630-1015, 1145-1700 on 1503kHz.
**Jammu A:** 0100-0400, 0530-0934, 1200-1734 on 990kHz; 0125-0215 & 1200-1741 on 3345kHz; 0229-0400 (Sun 0435) & 0630-0900 on 5960kHz.
**Jammu B:** 0125-0215, 0229-0400 (Sun 0435), 0630-0900 & 1200-1741 on 1089kHz.
**Leh:** in Ladakh, Hindi & English: 0200-0430, 0630-1000 & 1230-1740 (Wed/Sat 1630) on 1053kHz.

# INDONESIA

**L.T:**We. Indonesia (Jawa, Sumatera, Bali): UTC + 7h; Ce. Indonesia (Kalimantan, Sulawesi, Nusa Tenggara): UTC + 8h; Ea. Indonesia (Maluku, Irian Jaya): UTC + 9h — **Pr.L:** Bahasa Indonesia (Indonesian) — **EC:** a/c 50, 127/220V (yes).

### DIRECTORATE GENERAL OF POSTS AND TELECOMMUNICATIONS

**Addr:** Jalan Kebon Sirih 37, Jakarta. **Cable:** Radiogen. **Telex:** 4407 POSTEL IA.
**L.P:** Dir. Gen: Mr. Subrata. Dir. of Freq. Management: R. Wikanato.

### DIRECTORATE OF RADIO

**Department of Information,**Jalan Merdeka Barat 9, Jakarta.
**Telex:** Deppen 44349
**L.P:** Dep. Dir. for Technical Development: Mr. Soekarno.

### FEDERATION OF INDONESIAN COMMERCIAL BROADCASTERS

**Persatuan Radio Siaran Swasta Niaga Indonesia (PRSSNI)**
**Addr:**Jalan Pecenongan 69, Jakarta Pusat.
**L.P:** Gen. Secr: Shidki Wahab.

**Note:** At time of editing, non-RRI st's were in the process of moving from SW to MW. The details below were compiled following a line-by-line check of last year's manuscript by the Director of Frequency Management at the Directorate General of Posts & Telecommunications. No other information was available up to our deadline.

**Mediumwaves:** v) = varies. Commercial st's broadcast between 2200 and 1700 only, with breaks in mid-morning and mid-afternoon.

| | kHz | kW | Station |
|---|---|---|---|
| 1) | 540 | 10 | RRI Bandung |
| 4) | 540 | 0.25 | R. Nada Berlian B.S., Jambi |
| 6) | 540 | 0.5 | R. Lafayette, Ujung Pandang |
| 10) | 558 | 0.25 | R. Manggis B.S., Jambi |
| 11) | 558 | 0.25 | R. Beoly, Telukbetung |
| 12) | 558 | | R. Angkasa B.S., Pandeglang |
| 13) | 558 | | R. Almamater, Purwokerto |
| 14) | 558 | 0.25 | R. Jalesveva, Pati |
| 15) | 558 | | R. Purnamasidi, Wonosobo |
| 17) | 558 | 0.25 | R. Rosa, Ujung Pandang |
| 18) | 558 | 0.25 | Suara Mesra, Parepare |
| 265) | 558 | 0.25 | R. Martha Tasikmalaya |
| 426) | 558 | 0.25 | R. Sindag Kasih, Cirebon |
| 19) | 585 | 50 | RRI Surabaya |
| 20) | 612 | | R. El Philia, Telukbetung |
| 21) | 612 | | R. Dwikarya 69, Bandung |
| 22) | 612 | 0.25 | R. Nasional B.S., Rangkasbitung |
| 23) | 612 | 0.22 | R. Linggarjati, Kuningan |
| 24) | 612 | 0.25 | R. Subali, Purwokerto |
| 25) | 612 | 0.25 | R. Veritas, Semarang |
| 26) | 612 | | R. A.B.C., Surakarta |
| 27) | 612 | | R. Dharma Shinta, Pekalongan |
| 28) | 612 | 0.25 | R. Aneka Rama Ria, Denpasar |
| 29) | 612 | 0.25 | R. Telstar, Ujung Pandang |
| 32) | 612 | | R. Queen, Jakarta |
| 33) | 630 | 100 | RRI Ujung Pandang |
| 35) | 648 | 0.25 | R. El Florida, Jambi |
| 36) | 648 | 0.25 | R. Bundo Kandung, Tanjungkarang |
| 37) | 648 | 0.25 | R. Metro Jaya, Jakarta |
| 38) | 648 | 0.25 | R. Compass, Sumedang |
| 39) | 648 | | R. Canary, Purwakarta |
| 40) | 648 | | R. Santo Bernadus, Pekalongan |
| 41) | 648 | | R. El P. Istara, Surabaya |
| 42) | 648 | 0.25 | R. Guntur IB-29, Singaraja |
| 44) | 648 | | R. Gandaria, Ujung Pandang |
| 45) | 648 | 0.25 | Suara As'Adiyah, Wayo |

| | kHz | kW | Station |
|---|---|---|---|
| 46) | 648 | 0.25 | R. Veritas, Manado |
| 48) | 648 | 0.25 | R. Pahlawan Buana Suara, Rangkasbitung |
| 459) | 648 | 0.25 | R. Vahana, Cirebon |
| 49) | 666 | 0.225 | R. Prambors Rasisonia, Jakarta |
| 50) | 666 | | R. Merzy 73, Bandung |
| 51) | 666 | 0.25 | R. Maritim, Cirebon |
| 52) | 666 | 0.25 | R. Bhirawa, Purwokerto |
| 53) | 666 | 0.25 | R. Chandra Kusuma, Pekalongan |
| 54) | 666 | 0.25 | R. Ramaska, Surakarta |
| 55) | 666 | 0.25 | R. Siebra, Semarang |
| 56) | 666 | | R. Radip, Pati |
| 57) | 666 | | R. Menara, Denpasar |
| 58) | 684 | 0.25 | R. Rajawali Terbang, Telukbetung |
| 60) | 702 | | Suara Mahasiswa, Padang |
| 61) | 702 | 0.25 | R. Cama Jaya, Jakarta |
| 62) | 702 | 0.25 | R. Mara Ghita, Bandung |
| 63) | 702 | | R. Tjandra Buana, Cianjur |
| 64) | 702 | | R. Leo B.S., Cirebon |
| 66) | 702 | 0.25 | R. Al Kawahib, Ujung Pandang |
| 67) | 720 | 10 | RRI Ambon |
| 68) | 738 | | P.T.D.I. Walisongo, Pekalongan |
| 69) | 738 | | R. Echo 541, Medan |
| 70) | 738 | 0.25 | R. Arbes Rasonia, Padang |
| 71) | 738 | 0.25 | R. Ramako Jaya Raya, Jakarta |
| 72) | 738 | | R. Kencana, Bandung |
| 73) | 738 | | R. Trisara Kencana, Cianjur |
| 74) | 738 | 0.25 | R. Galuh, Tasikmalaya |
| 75) | 738 | 0.25 | R. Cakti Buddhi Bhakti, Cirebon |
| 76) | 738 | | R. Konservatori, Surakarta |
| 78) | 738 | 0.25 | R. Rinjani Permai, Lombok |
| 79) | 738 | 0.25 | R. La Fuzsy, Banjarmasin |
| 80) | 738 | 0.5 | R. Barata Rasihima, Ujung Pandang |
| 81) | 738 | | R. Rina, Rantepao |
| 82) | 738 | 0.25 | R. Sound of Love, Manado |
| 221) | 738 | 0.15 | R. Kontiki Buana Suara, Banda Aceh |
| 83) | 756 | 10 | RRI Purwokerto |
| 84) | 756 | | R. Venus, Ujung Pandang |
| 87) | 774 | | R. Antariksa Radang IV, Surabaya |
| 88) | 774 | 0.5 | R. Mercurius, Ujung Pandang |
| 89) | 774 | 0.25 | R. Continental Emerald, Manado |
| 91) | 785 | 0.5 | RKPDT2 Kotamadya Bandung |
| 92) | 801 | 10 | RRI Semarang |
| 93) | 810 | 10 | RRI Merauke |
| 94) | 810 | 0.25 | R. Warastra Bewara Swara, Palembang |
| 95) | 810 | 0.25 | R. Romeo and Juliet Rasisonia, Tanjungkarang |
| 98) | 810 | | R. Gema Kuripan, Amuntai |
| 99) | 810 | | R. Sentosa, Ujung Pandang |
| 100) | 810 | 0.25 | R. Mercy Watari, Manado |
| 101) | 819 | 0.3/1 | RRI Medan |
| 102) | 828 | | R. Chakti Buddhi Bhakti, Jakarta |
| 103) | 828 | 0.25 | R. Leidya, Bandung |
| 104) | 828 | 0.25 | P.T.D.I. Kota Resik, Tasikmalaya |
| 105) | 828 | | R. Angkasa Medya B.C., Majalengka |
| 106) | 828 | 0.35 | R. Gajah Mada, Semarang |
| 107) | 828 | 0.25 | R. Suhada, Pekalongan |
| 108) | 828 | | R. FKUII, Surakarta |
| 110) | 828 | | R. Merdeka Lokatama, Surabaya |
| 111) | 828 | | R. T.T.-'77, Malang |
| 114) | 828 | | R. Berita Sukacita, Ujung Pandang |
| 116) | 834v | 0.25 | R. Yudha, Denpasar |
| 97) | 840 | 0.25 | R. Arfaco, Majalengka |
| 1) | 845 | | RRI Bandung (Reg. Prgr.) |
| 117) | 846 | 0.25 | Suara Atmajaya, Palembang |
| 118) | 846 | 0.25 | Suara Cakrawala, Panjang |
| 119) | 846 | 0.25 | Suara Kejayaan, Kebayoran Baru |
| 120) | 846 | 0.25 | Suara Fortune, Bandung |
| 121) | 846 | | R. Galunggung 4848, Tasikmalaya |
| 122) | 846 | 0.25 | R. Immanuel, Surakarta |
| 123) | 846 | | R. Miniwatt RCA 02, Surabaya |
| 124) | 846 | | R. Andalus Silva Voac, Malang |
| 126) | 846 | 0.25 | R. Al-Ikhwan Studio Tamasa, Ujung Pandang |
| 493) | 846 | 0.25 | R. Sukadharma, Manado |
| 127) | 848 | 0.25 | R. Caraka, Semarang |
| 101) | 855 | 100 | RRI Medan (Padang Cermin) |
| 128) | 855 | 10 | RRI Mataram |
| 129) | 864 | 10 | RRI Cirebon |
| 130) | 864 | 10 | RRI Kupang |
| 133) | 864 | 0.25 | R. Ramona, Palembang |
| 134) | 864 | 0.25 | R. Mercy Jaya Raya, Tanjungkarang |
| 135) | 864 | | R. Assyafiyah, Jakarta |
| 136) | 864 | | R. Yussan Media, Sumedang |
| 137) | 864 | | R. Menara III, Surabaya |
| 139) | 864 | 0.25 | R. Baruna Petera, Bitung |
| 141) | 864 | 0.25 | R. Bayurekhsa, Ujung Pandang |
| 142) | 882 | 0.25 | R. Columbia, Bandung |
| 143) | 882 | 0.3 | R. N.B.C., Garut |
| 145) | 882 | 0.5 | R. Bambapuang, Enrekang |
| 146) | 886 | 0.5 | RRI Serui |
| 147) | 891 | 10 | RRI Malang |
| 148) | 900 | | R. Elkartika Angkasa Niaga, Padang |
| 149) | 900 | 0.25 | R. Jabastigo R. Mercy, Bukittinggi |
| 150) | 900 | 0.25 | R. Darmawangsa, Kebayoran Baru |
| 152) | 900 | | R. M.C.A., Surabaya |
| 384) | 900 | 0.3 | R. Expo 70, Banda Aceh |
| 153) | 918 | 0.075 | R. Remaja Maju, Langsa |
| 154) | 918 | | P.T.D.I., Jakarta |
| 155) | 918 | 0.25 | R. Estrelita, Bandung |
| 156) | 918 | | R. El Nury, Bogor |
| 157) | 918 | | R. Pitaloka, Ciamis |
| 158) | 927 | 50 | RRI Pekanbaru |
| 159) | 936 | 0.25 | R. Pasopati, Semarang |
| 160) | 936 | 0.25 | R. P.2 S.C., Jakarta |
| 161) | 936 | 0.25 | R. Dana Perlaya Budaya, Bandung |
| 162) | 936 | | R. Bestari B.C., Sukabumi |
| 163) | 936 | 0.25 | R. Roiska, Surakarta |
| 165) | 936 | | R. La Victor, Surabaya |
| 166) | 936 | | Suara Mahameru, Kediri |
| 167) | 936 | | R Fiskaria, Bondowoso |
| 168) | 936 | 0.25 | R. Gemini, Lombok |
| 169) | 936 | | R. Refalado, Banjarmasin |
| 170) | 936 | 0.5 | R. Gamasi, Ujung Pandang |
| 171) | 936 | | R. Suka Muni B.S., Medan |
| 172) | 954 | 10 | RRI Kendari |
| 173) | 954 | 0.15 | R. Gersyidam, Palembang |
| 174) | 954 | | R. Patrol, Telukbetung |
| 175) | 954 | 0.25 | Suara Pembangunan, Ancol |
| 176) | 954 | | R. Panci Contessa, Bandung |
| 177) | 954 | 0.25 | R. Sena B.C., Sukabumi |
| 178) | 954 | | R. Jaya Pemuda Indonesia, Surakarta |
| 179) | 954 | 0.25 | R. Sahara, Kendal |
| 181) | 954 | 0.25 | R. El Bayu, Gresik |
| 183) | 963 | 10 | RRI Jember |
| 186) | 972 | 50 | RRI Surakarta |
| 187) | 972 | | R. Attahiriyah, Jakarta |
| 188) | 972 | 0.25 | R. Diah Rosanti, Pontianak |
| 189) | 972 | | R. Esa Enang, Minahasa |
| 190) | 981 | | R. Continental Alpha, Bandung |
| 191) | 990 | | R. Cakra Awigra, Surabaya |
| 192) | 990 | | R. K.D.S. VIII, Malang |
| 195) | 999 | 300 | RRI Jakarta |
| 196) | 1000 | | R. Angkatan Udara, Medan |
| 198) | 1008 | 10 | RRI Madiun |
| 200) | 1026 | 0.25 | R. Universitas Trisakti, Grogol |
| 201) | 1026 | 0.25 | R. Swakarsa Megantara, Bandung |
| 202) | 1026 | | R. Fortuna, Sukabumi |
| 203) | 1026 | | R. Mercy, Semarang |
| 204) | 1026 | 0.25 | R. Sumbing R. Wijaya Kusuma, Klaten |
| 205) | 1026 | 0.25 | R. El Victor, Surabaya |
| 206) | 1026 | 0.25 | R. Taurus AX-1A, Kediri |
| 207) | 1026 | 0.25 | R. Cassanova, Denpasar |
| 2) | 1026 | | R. Cakrawala, Kuala Simpang |
| 209) | 1035 | 1 | RRI Tanjungkarang |
| 211) | 1044 | 10 | RRI Biak |
| 212) | 1044 | 0.25 | R. Kayumanis, Jakarta |
| 213) | 1044 | | R. Warga Karya, Bandung |
| 214) | 1044 | 0.25 | R. Purnayudha, Sukabumi |
| 215) | 1044 | 0.25 | R. Fisca Sakti, Semarang |
| 216) | 1044 | 0.25 | R. Raka, Tegal |
| 218) | 1044 | | R. Camar, Surabaya |
| 219) | 1044 | | Suara Akbar, Jember |
| 220) | 1044 | 0.25 | R. El Vici, Singaraja |
| 90) | 1044 | | R. Pasopati, Medan |
| 222) | 1053 | 10 | RRI Jayapura |
| 186) | 1053 | 1 | RRI Surakarta |
| 223) | 1062 | 0.25 | Suara Subuh, Padang |
| 224) | 1062 | 0.25 | R. Gema Mutiara, Palembang |
| 225) | 1062 | 0.25 | R. Omega, Tanjungkarang |
| 226) | 1062 | 0.25 | R. Draba, Jakarta |

| | kHz | kW | Station |
|---|---|---|---|
| 227) | 1062 | | R. Maestro, Bandung |
| 228) | 1062 | | R. N.B.C., Sukabumi |
| 231) | 1062 | | R. Zodiac, Surabaya |
| 232) | 1062 | 0.25 | R. Dirgantara, Negara |
| 233) | 1062 | 0.25 | R. Suta Remaja, Lombok |
| 235) | 1062 | 0.25 | R. Memora, Manado |
| 236) | 1072 | 0.5 | R. Volare, Pontianak |
| 237) | 1080 | 10 | RRI Singaraja |
| 238) | 1080 | 0.25 | Suara Amigos, Kebayoran Baru |
| 239) | 1080 | 0.25 | R. Volvo Electronica, Bandung |
| 240) | 1080 | 0.25 | R. Young Monarchy, Sukabumi |
| 241) | 1080 | 0.25 | R. Carolina Arjuna, Surabaya |
| 242) | 1080 | 0.25 | Suara Immanuel, Malang |
| 246) | 1098 | 10 | RRI Jambi |
| 247) | 1098 | 10 | RRI Sumenep |
| 249) | 1098 | | R. Universitas Tarumanegara, Grogol |
| 250) | 1098 | 0.25 | R. Paramuda, Bandung |
| 251) | 1098 | | R. Historias 32 B.C., Karawang |
| 252) | 1107 | 10 | RRI Yogyakarta |
| 253) | 1116 | 0.5 | R. Agustina Junior, Tanjung Priok |
| 255) | 1116 | 0.25 | R. Suzana Bhakti, Surabaya |
| 243) | 1116 | | R. Citra Buana Indah, Medan |
| 244) | 1116 | | R. Siaran Mesjid Raya Baiturrahman, Banda Aceh |
| 257) | 1134 | 50 | RRI Banjarmasin |
| 259) | 1134 | | R. Alpha Romeo, Banda Aceh (inactive) |
| 260) | 1134 | | R. El Draba Jaya, Medan |
| 262) | 1134 | | R. Universitas Darul Mukminin, Jatinegara |
| 263) | 1134 | | R. Ariesta, Bandung |
| 264) | 1134 | 0.25 | R. Cindelaras, Indramayu |
| 266) | 1134 | | R. Ichthus, Semarang |
| 248) | 1134 | 0.25 | R. No Name, Palembang |
| 268) | 1152 | | R. Alvacos, Medan |
| 269) | 1152 | | R. Febrianta Niaga Angkasa, Padang |
| 270) | 1152 | 0.25 | R. Enes, Palembang |
| 271) | 1152 | 0.25 | Suara Wajar, Tanjungkarang |
| 272) | 1152 | 0.25 | R. Cakrawala Revita, Jakarta |
| 273) | 1152 | 0.25 | R. Garuda Tunggal Angkasa, Bandung |
| 274) | 1152 | 0.25 | R. Media Network Consolidated, Serang |
| 275) | 1152 | 0.25 | R. Luciana, Semarang |
| 277) | 1152 | | R. Yasmera CA-27, Surabaya |
| 278) | 1152 | 0.185 | R. Wijang Songko, Kediri |
| 92) | 1170 | 50 | RRI Semarang |
| 281) | 1170 | 0.15 | R. Flamboyant Rasisonia, Banda Aceh |
| 282) | 1170 | | R. Cosanastra, Medan |
| 283) | 1170 | 0.25 | R. Ganeca, Bandung |
| 284) | 1170 | 0.25 | R. Maritim, Serang |
| 285) | 1175v | | R. Daerah Perdagangan Bebas Sabang, Weh |
| 286) | 1179 | | RRI Padang |
| 287) | 1185 | 5 | RRI Tanjung Pinang |
| 288) | 1188 | 0.25 | R. Antar Nusa, Jakarta |
| 289) | 1188 | 0.25 | R. Chevy 88, Bandung |
| 290) | 1188 | | R. El Amigo, Sukabumi |
| 291) | 1188 | | R. Widya Bhakti, Magelang |
| 293) | 1188 | | P.T.D.I., Surabaya |
| 294) | 1188 | | R. Kutilang, Malang |
| 295) | 1188 | 0.25 | R. La Barong, Singaraja |
| 302) | 1205 | | R. Bahabas, Pekanbaru |
| 296) | 1206 | 0.25 | R. I.B.G., Semarang |
| 297) | 1206 | 10 | RRI Denpasar |
| 299) | 1206 | | R. Siaran Sosial Pendidikan S.M.P. Negeri 3, Banda Aceh |
| 300) | 1206 | 0.25 | R. Merpati, Medan |
| 301) | 1206 | | R. Dirgan Bravo, Padang |
| 303) | 1206 | | R. Blue Jean Racing, Bandung |
| 195) | 1215 | | RRI Jakarta |
| 305) | 1215 | 10 | RRI Samarinda |
| 308) | 1224 | 0.25 | R. Elita, Palembang |
| 309) | 1224 | 0.25 | R. Dahlia, Bandung |
| 310) | 1224 | 0.25 | R. Buana Jaya, Tasikmalaya |
| 311) | 1224 | 0.25 | R. PEEN Rasitania, Surakarta |
| 312) | 1224 | | R. El D.C., Surabaya |
| 313) | 1224 | 0.25 | R. G.L. 67, Malang |
| 314) | 1224 | 0.25 | R. Chandra Taruna, Semarang |
| 315) | 1233 | 50 | RRI Pontianak |
| 317) | 1235 | | RRI Bogor |
| 318) | 1242 | 0.25 | R. Pelita Kasih, Jakarta |
| 319) | 1242 | 0.25 | R. Bonsita, Medan |
| 320) | 1242 | | R El Gangga, Bandung |
| 321) | 1242 | 0.25 | R. Mini B.C., Garut |
| 323) | 1242 | | R. Wijaya, Surabaya |
| 324) | 1242 | 0.25 | Suara Oikumene B.C., Malang |
| 184) | 1242 | | R. Airlangga, Sukabumi |
| 325) | 1242 | 0.25 | R. Imelda, Semarang |
| 326) | 1251 | 10 | RRI Banda Aceh |
| 327) | 1260 | 0.25 | R. Khamasutra, Medan |
| 328) | 1260 | 0.25 | R. Lokawisesa, Jakarta |
| 329) | 1260 | 0.25 | R. Famor, Bandung |
| 330) | 1260 | | R. Suveri 45, Subang |
| 331) | 1260 | | R. Amatron, Purworejo |
| 332) | 1260 | | R. D.I. 124, Kendal |
| 333) | 1260 | | R. Gabriel, Madiun |
| 334) | 1260 | | R. R.D.A. 45, Bangil |
| 335) | 1260 | | Suara Mandala, Banyuwangi |
| 337) | 1260 | | R. Rajawali Sakti, Balikpapan |
| 433) | 1260 | | R. Civilian, Palangkaraya |
| 340) | 1278v | | R. Thosiba, Banda Aceh |
| 341) | 1278 | | R. Triple K, Medan |
| 342) | 1278 | 0.23 | R. Gema Kencana Bahari, Jakarta |
| 343) | 1278 | | R. Bonk Kenk's, Bandung |
| 344) | 1278 | | R. Kusuma Sena, Bogor |
| 345) | 1278 | 0.25 | R. Mandalika, Jepara |
| 346) | 1278 | | R. Angkasa Ikhsaniya, Tegal |
| 347) | 1278 | | P.T.D.I., Purworejo |
| 348) | 1278 | | R. Mercury Madesuk, Surabaya |
| 349) | 1287 | 50 | RRI Palembang |
| 350) | 1296 | 0.25 | R. El Bama, Jakarta |
| 351) | 1296 | 0.25 | R. Rajawali, Surabaya |
| 352) | 1296 | | Suara Pioneer, Malang |
| 353) | 1296 | 0.5 | R. Duta Gita Bhyomantara Shinta Rama, Lombok |
| 354) | 1314 | 0.25 | R. Rodhesa, Medan |
| 356) | 1314 | | R. Mutiara, Bandung |
| 357) | 1314 | 0.25 | R. Victory, Bogor |
| 358) | 1314 | | R. Virgin, Karawang |
| 359) | 1314 | | R. Sananta, Tegal |
| 360) | 1314 | | R. Sion, Karanganyar |
| 361) | 1314 | | R. Yasfi, Cilacap |
| 362) | 1314 | | R. Bintoro Karya, Demak |
| 363) | 1314 | | R. Kartika Bahari, Sidoarjo |
| 364) | 1314 | | Suara Kartika, Jember |
| 195) | 1332 | 10 | RRI Jakarta |
| 368) | 1332 | | R. Sonya, Medan |
| 369) | 1332 | | R. Ellusia, Pekanbaru |
| 370) | 1332 | | R. Oz, Bandung |
| 371) | 1332 | | R. Antares, Garut |
| 374) | 1350 | 0.25 | R. L'Amour, Palembang |
| 375) | 1350 | | R. Margayu, Metro |
| 376) | 1350 | | R. Mustang, Bogor |
| 377) | 1350 | | R. Puspa Jaya, Bojonegoro |
| 381) | 1368 | 0.25 | R. El Shinta, Jakarta |
| 389) | 1385 | 0.25 | R. Cendrawasih, Semarang |
| 386) | 1386 | | R. P.P.C. Buana Suara, Medan |
| 387) | 1386 | 0.25 | R. Cendra Wasih Pusat, Jakarta |
| 388) | 1386 | 0.25 | R. Kauman, Bogor |
| 390) | 1386 | 0.25 | R. Strato, Surabaya |
| 391) | 1386 | 0.25 | R. Cakra Bhuwana, Malang |
| 392) | 1386 | | R. Mudhita Buana, Pontianak |
| 393) | 1404 | | R. Simponi, Medan |
| 394) | 1404 | 0.25 | R. Unasco, Bandung |
| 396) | 1404 | 0.25 | R. Bahtera Yudha, Surabaya |
| 397) | 1404 | | R. Moderato, Madiun |
| 398) | 1405 | 0.25 | R. Candra Buana, Palembang |
| 399) | 1422 | | R. El Em Bahama, Padangpanjang |
| 400) | 1422 | 0.25 | R. Trijaya Sakti, Jakarta |
| 401) | 1422 | 0.25 | R. Sriwijaya, Bandung |
| 432) | 1422 | | R. Lapaloma, Pontianak |
| 405) | 1440 | 0.25 | R. Safari Bima Budaya, Kebayoran Baru |
| 406) | 1440 | 0.25 | R. Lita Sari, Bandung |
| 407) | 1440 | 0.25 | R. Muria, Kudus |
| 408) | 1440 | | R. Exodus, Temanggung |
| 409) | 1440 | 0.25 | R. Double One, Madura |
| 410) | 1440 | 0.25 | R. Gema Surya, Ponorogo |
| 411) | 1458 | 0.25 | R. Arief Rahman Hakim, Jakarta |
| 413) | 1458 | 0.25 | R. Jatayu, Semarang |
| 414) | 1458 | 0.25 | R. Salvatore, Surabaya |
| 254) | 1458 | | R. Sangkuriang, Bandung |

| | kHz | kW | Station |
|---|---|---|---|
| 415) | 1465 | | R. Kencana, Medan |
| 475) | 1465 | | R. Kencana, Pematangsiantar |
| 395) | 1467 | | R. Lesmana, Bogar |
| 420) | 1485 | 0.25 | R. Bimantara, Bukittinggi |
| 421) | 1485 | 0.15 | R. Cendana Corporation, Pekanbaru |
| 422) | 1485 | 0.25 | R. Dian Irama, Jambi |
| 423) | 1485 | 0.25 | R. Santana, Palembang |
| 425) | 1485 | | R. Angkatan Bersenjata, Jakarta |
| 429) | 1485 | | R. Angkasa Jaya, Probolinggo |
| 430) | 1485 | 0.25 | Suara Calvary, Klungkung |
| 434) | 1485 | 0.25 | R. Pribumi, Manado |
| 436) | 1503 | 0.25 | R. Sara 88, Bandung |
| 437) | 1503 | 0.25 | R. MC 16, Marcella, Bogor |
| 438) | 1503 | | R. Sunan Bonang, Rangkasbitung |
| 439) | 1503 | 0.25 | R. Radiks 99, Semarang |
| 441) | 1503 | 0.25 | Suara M.T.B., Suarabaya |
| 442) | 1503 | | R. Dardanella, Pontianak |
| 444) | 1503 | | R. Alnora, Medan |
| 445) | 1512 | | R. Sonora, Jakarta |
| 449) | 1521 | | R. Cendrawasih, Pematangsiantar |
| 403) | 1521 | 0.35 | R. Cindelaras B.S., Banda Aceh |
| 451) | 1521 | 0.25 | R. Hiu Kencana, Semarang |
| 454) | 1539 | 0.25 | R. R.B.S., Pematangsiantar |
| 455) | 1539 | 0.25 | R. Esti Elita, Pekanbaru |
| 456) | 1539 | 0.25 | R. Hang Tuah, Palembang |
| 457) | 1539 | 0.25 | R. Taman Mini, Jakarta |
| 458) | 1539 | | R. Maya B.C., Bandung |
| 460) | 1539 | | R. S.A.S., Surakarta |
| 461) | 1539 | | R. Cakrawala Bhakti, Surabaya |
| 462) | 1539 | 0.25 | R. Pariwisata Senaputra, Malang |
| 463) | 1539 | 0.25 | R. Megantara, Tabanan |
| 464) | 1539 | 0.25 | R. Berita Harapan, Manado |
| 199) | 1539 | | R. Kardopa, Medan |
| 367) | 1539 | | R. Rhodisko Rasisonia, Banda Aceh |
| 465) | 1539 | | R. Manggala, Kudus |
| 467) | 1557 | 0.25 | R. Miraka Junior, Bogor |
| 468) | 1557 | 0.25 | R. Fantasy 70, Majalengka |
| 469) | 1566 | | R. Primadona, Karawang |
| 470) | 1575 | | R. Veronica Sonata, Kotamobagu |
| 476) | 1584 | | R. Dian Erata, Padangpanjang |
| 477) | 1584 | 0.25 | R. El Ria Buana, Jambi |
| 478) | 1584 | 0.25 | R. La Novia, Palembang |
| 479) | 1584 | | R. Fox Rasikonia B.C., Bandung |
| 480) | 1584 | 0.25 | R. Polaris, Magelang |
| 481) | 1584 | | R. Anita, Tegal |
| 482) | 1584 | | R. Istana, Surabaya |
| 484) | 1584 | | R. Mondia B.S., Pontianak |
| 486) | 1602 | | R. La Bross, Bukittinggi |
| 487) | 1602 | 0.15 | R. Cynthia Rama, Pekanbaru |
| 488) | 1602 | 0.25 | Suara Monalisa, Jakarta |
| 489) | 1602 | | R. Paksi, Bandung |
| 490) | 1602 | 0.25 | R. Swadaya, Karawang |
| 491) | 1602 | 0.25 | R. Leonard, Salatiga |

**OTHER STATIONS:** The MW freq's of the following st's (which previously used SW) were not available at time of editing: RDK Cianjur; RDK Subang; RDK Bekasi; RKPDT2 Bojonegoro; RDK Purwakarta; RDKDT2 Kuningang; RDK Indramayu; RPKDT2 Ciamis; RPDT2 Timor Tengah Selatan, Söe; RSPDT2 Blora; RKPDT2 Ponorogo; RSPDT2 Boyolali; RPDT2 Ngada Bajawa; RSPKDT2 Gresik; RPDT2 Manggarai, Ruteng; RSPDKDT2 Sragen; RPDT2 Bulungan; RKPDKDT2 Ngawi; RKPDT1 Jawa Timur, Surabaya; RPDT2 Bengkalis; RKPDKT2 Sampang; RKIP Surabaya; RDK Serang; RSPDT2 Kebumen; RKPDT2 Jember; RPDT2 Kutai, Tenggarong; RPDT2 Kotamadya Pematangsiantar; RDK Lampung Utara, Kotabumi; RSPKDT2 Wonosobo; RPDT2 Simalungun, Pematangsiantar; RDK Sukabumi; RPKDT2 Belitung, Tanjungpandang; RPKDT2 Lebak, Rangkasbitung; RDK Sambas, Singkawang; RKPKDT2 Programa Dua, Lumajang; RPDT2 Situbondo; RPDT2 Ketapang; RKPDT2 Kota Baru; RPDT2 Bima, Raba; RPDK Langsa; RPDT2 Tapanuli Selatan, Padangsidempuan; RPDT2 Tanah Laut, Peleihari; RKPKDT2 Banyuwangi; RPDT2 Lampung Tengah, Metro; RKPDT2 Poso; RPDT2 Asahan, Kisaran; RPD Kecamatan Tanjung Tiram; RKPDT2 Luwu, Palopo; RKPDT2 Banjar, Martapura; RKPDK Sumbawa; RPDT2 Labuhanbatu Rantaurprapat; RPDT2 Dairi Sidikalang; RPDT2 Tapanuli Utara, Balige; RPDT2 Blitar; RKPKDT2 Nganjuk; RKPDT2 Kota Waringin, Barat, Pangkalanbuun; RPDK Karo, Kabanjahe; RKIP Surabaya. For addresses of these st's, please refer to last year's Handbook.

**Shortwaves:** r = reported; v = varies; * = inactive.

| | kHz | kW | Station |
|---|---|---|---|
| 83) | 2260 | 1 | RRI Purwokerto: 2145-0200, 0455-0730, 0930-1600/1700 |
| 195) | 2332 | 5 | RRI Jakarta (Prgr. Nasional): 2158-0100, 0458-0800, 0958-1715 |
| 252) | 2350 | 1 | RRI Yogyakarta: 2155-0300 (Sun 0800), 0455-0800, 0955-1630 (Sun/Mon 1700) |
| 287) | 2360 | 0.3 | RRI Tanjung Pinang: 0300-0615 |
| 19) | 2378v | 1 | RRI Surabaya: 2300-0100 (Sun 0700), 0500-0700, 0930-1600 (**English** 0930-1000) |
| 129) | 2390 | 1 | RRI Cirebon: 2200-0100 (Sun 0800), 0500-0800, 1000-1600 |
| 326) | 2403 | | RRI Banda Aceh: 2300-0200, 0500-0800, 1000-1600 |
| 498) | 2418 | | R. Suara Mahakam Kotamadya: r1000-1400 |
| 1) | 2420 | 1 | RRI Bandung: 2155-0300, 0920-1600 |
| 297) | 2420 | | RRI Denpasar: 2200-0100, 1000-1600 (**English** 0030-0045) |
| 349) | 2430 | 1 | RRI Palembang: 2200-0115 (Sun 0700), 0500-0800, 0900-1600 |
| 186) | 2439 | 1 | RRI Surakarta: 2230-0145, 0500-0815, 0900-1700 |
| 147) | 2449 | 1 | RRI Malang: 2200-0045, 0400-0730 (Sun 2200-0730) |
| 195) | 2451 | 1 | RRI Jakarta (Prgr. Kota.): 2158-1030, 1045-1715. Prgr. Nasional relay: 1415-1715 |
| 499) | 2456 | | RRI Dili: 2130-0030, 0455-0730, 0855-1410 |
| 501) | 2475 | 0.5 | R. Angkatan Bersenjata, Jakarta: 2300-0200, 0430-0730, 1000-1700 |
| 92) | 2490 | 1 | RRI Semarang: 2200-0100, 0500-1600 |
| 128) | 2492 | | RRI Mataram: 2125-0100, 0600-1520 |
| 502) | 2694 | 0.5 | RRI Ende: 1000-1500 |
| 1) | 2741* | 0.15 | RRI Bandung (Prgr. Reg.) |
| 499) | 3120 | 10 | RRI Dili (alt. to 3305kHz) |
| 1) | 3205 | 10 | RRI Bandung: 2155-0300, 0920-1600 |
| 33) | 3213* | 0.5 | RRI Ujung Pandang |
| 503) | 3215 | 10 | RRI Manado: 2200-0200, 0330-0630, 0830-1520 |
| 128) | 3223 | 1/5 | RRI Mataram: 2130-0200 (5 kW), 0200-0400, 0600-0730 (1 kW), 0930-1520 (5kW) |
| 287) | 3225 | 10 | RRI Tanjung Pinang: 2230-0115, 0300-0615, 0900-1300 |
| 504) | 3232 | 10 | RRI Bukittinggi: 1030-1600 |
| 67) | 3241 | 1 | RRI Ambon: 2000-0015, 0800-1400 |
| 505) | 3241 | 1 | RRI Sibolga: 2300-0100, 0600-0800, 1000-1600 |
| 257) | 3250 | 10 | RRI Banjarmasin: 2200-0100, 0900-1520, 2300-0715 (Sun) |
| 130) | 3259 | 1 | RRI Kupang: 0425-0900 |
| 506) | 3265 | 10 | RRI Bengkulu: 2230-0200 (Hol 0300), 0500-0800, 0930-1600 |
| 507) | 3265 | 10 | RRI Gorontalo: 2100-0030, 2300-0500 (Sun), 0830-1520 |
| 195) | 3277 | 1 | RRI Jakarta (Prgr. Khusus): 2158-0100 (Sun 0200), 0758-1300, 1415-1715 (Prgr. Nasional) |
| 198) | 3286v | 1 | RRI Madiun: 2200-0100 (Sun 0800), 1000-1600 |
| 305) | 3295 | 1 | RRI Samarinda |
| 499) | 3305 | | RRI Dili: 2130-0030, 0455-0730, 0855-1410 |
| 504) | 3305 | | RRI Bukittinggi: 2300-0300, 0430-0715 |
| 183) | 3318v | 1 | RRI Jember: 2200-0100, 0600-0800, 1000-1600 |
| 508) | 3325 | 10 | RRI Palangkaraya: 2200-0100, 0900-1520 |
| 509) | 3345 | 10 | RRI Ternate: 2030-0030, 0300-0615, 0800-1415 |
| 315) | 3345 | 10 | RRI Pontianak: 2200-0100, 0400 (Sun 2300)-0700, 0900-1520v |
| 247) | 3355 | 1 | RRI Sumenep: 2200-0100 (Sun 0700), 0500-0700, 1000-1600 |
| 286) | 3365 | | RRI Padang: 0300-0600 |
| 246) | 3375 | 1 | RRI Jambi: 2230-0600 |
| 101) | 3375 | 7.5 | RRI Medan 2230-0300, 0500-0800 (Sun 2300-0800), 0900-1700 |
| 147) | 3381v | | RRI Malang: 2200-0045 (Sun 0730), 0900-1600 |

| | kHz | kW | Station |
|---|---|---|---|
| 130) | 3385 | 10 | RRI Kupang: 2130-0100 (Sun 0600), 0900-1520 |
| 510) | 3385 | 0.5 | RRI Pangkalpinang: 2300-0140 (Sun 0300), 0500-0640, 0900-1400 |
| 209) | 3395 | 10 | RRI Tanjungkarang: 2150-0200, 0855-1600 |
| 237) | 3398 | 1 | RRI Singaraja: 1000-1600 |
| 511) | 3427 | 1 | RRI Manokwari: 2030-2400, 0230-0630, 0730-1400 |
| 172) | 3762 | | RRI Kendari (Spec. occasions only) |
| 326) | 3905 | 50 | RRI Banda Aceh: 2300-0200 (Sun 0600), 1000-1600 |
| 93) | 3906v | 1 | RRI Merauke: 2100-2300, 0800-1400 |
| 509) | 3915 | 10 | RRI Ternate (alt. to 3946kHz) |
| 92) | 3935 | 5/10 | RRI Semarang: 2200-0100, 1000-1600 (Sat 1700) |
| 297) | 3945 | 1 | RRI Denpasar (Prgr. Reg.): 2200-0100, 1000-1600 |
| 509) | 3946 | 1 | RRI Ternate: 2030-0030, 0300-0615, 0800-1415 |
| 209) | 3956* | 2.5 | RRI Tanjungkarang: 2150-0200, 0450-0750, 0850-1600 |
| 512) | 3960 | 10 | RRI Palu: 2130-2230, 0900-1520 |
| 317) | 3960 | | RRI Bogor: 2200-0100, 0400-0730, 1000-1600 |
| 19) | 3975 | 10 | RRI Surabaya: 2130-0100, 0500-0700, 0900-1600 |
| 499) | 3986 | | RRI Dili: 2130-0030, 0455-0730, 0855-1400 |
| 315) | 3995 | 10 | RRI Pontianak: 2200-0200, 0400 (Sun 2300)-0720, 0900-1520 (Sat 1600/Sun 1500) |
| 172) | 4000 | 5 | RRI Kendari: 2130-2345, 0900-1520 |
| 286) | 4003 | 10 | RRI Padang: 2300-0100, 0945-1615 |
| 146) | 4607 | | RRI Serui: 0900-1300 |
| 33) | 4719 | 50 | RRI Ujung Pandang: 0800-1520 (Sat 1600) |
| 33) | 4755 | 20 | RRI Ujung Pandang: 2130-0030, irr other times |
| 101) | 4764 | 50 | RRI Medan: 2230-0300, 0500-0800 (Sun 2300-0800), 0900-1700 |
| 195) | 4775 | | RRI Jakarta: 2200-0100, 0800-1300 |
| 513) | 4789 | 1 | RRI Fak-Fak: 2030-2315, 0730-1400 |
| 130) | 4805 | 0.3 | RRI Kupang: 2130-0015 (Sun 0600), 0900-1520 |
| 67) | 4845 | 10 | RRI Ambon: 2000-0015, 0330-0600, 0800-1400 |
| 349) | 4855 | 10 | RRI Palembang: 2200-0115, (Sun 0700), 0900-1600 |
| 514) | 4866 | 0.5 | RRI Wamena (alt. to 5043kHz) |
| 515) | 4875 | 10 | RRI Sorong: 2100-2330, 0800-1400 (**English** 1230-1300) |
| 186) | 4899 | 0.5 | RRI Surakarta: 2230-0145, 1000-1700 |
| 287) | 4920 | | RRI Tanjung Pinang: 1000-1530 |
| 246) | 4927 | 7.5 | RRI Jambi: 2200-0100 (Sun 0700), 1000-1600 (irr) |
| 186) | 4932 | 10 | RRI Surakarta: 2230-0145 (also alt. to 4899kHz) |
| 1) | 4945 | 1.5 | RRI Bandung (Prgr. Reg. and Kota): 0450-0800 |
| 326) | 4955 | 10 | RRI Banda Aceh: 2300-0200 (Sun 0600), 0500-0800, 1000-1600 |
| 514) | 5040 | 0.5 | RRI Wamena: 0300-0615, 0800-1215 |
| 222) | 5045 | | RRI Jayapura: 0900-1400 |
| 252) | 5047.5 | 20 | RRI Yogyakarta: 2300-0300, 0455-0800, 0955-1700 (**English** 1130-1145) |
| 516) | 5055 | 1 | RRI Nabire: 0915-1400 |
| 505) | 5257 | 1 | RRI Sibolga: 2300-0100, 1000-1600 |
| 211) | 5451 | | RRI Biak: 2100-2300, 0300-0700, 0800-1400 |
| 158) | 5882v | 1/5 | RRI Pekanbaru: W2258-0200 (5 kW), 0200-0715 (1 kW), 0858-1600 (5 kW); Sun: 0000-0030 (5 kW), 0300-0900 (1 kW), 0900-1600 (5 kW) |
| 257) | 5968v | 1 | RRI Banjarmasin: 0400-0700 |
| 195) | 6045 | | RRI Jakarta: 2200-0100 (Sun 0800), 0500-0800, 1000-1715 |
| 222) | 6070 | 20 | RRI Jayapura: 2100-0020, 0655-1130 (1400 irr) |
| 19) | 6120 | 0.25 | RRI Surabaya: 2200-0200, 0500-1000 (**English** 0930-0955) |
| 516) | 6127 | 0.5 | RRI Nabire: 2100-2315, 0400-0615 (Sun 2200-0615), 0800-0915 (Sun 0700-0915) |
| 305) | 6135 | 1 | RRI Samarinda: 2200-0100, 0400-0715 |
| 541) | 6185 | 0.5 | RRI Manokwari: 2030-2400, 0230-0615, 0730-1400 |
| 252) | 7098v | 10 | RRI Yogyakarta: 0000-0415, 0455-0800 |
| 67) | 7140 | 10 | RRI Ambon: 0330-0615, 0800-1400 |
| 211) | 7211 | 0.5 | RRI Biak: 0300-0700, 0800-1400 |
| 195) | 7270 | | RRI Jakarta (Prgr. Nasional) 2200-0100, 0500-0800 (Sun 2200-0800), 1000-1715 |
| 513) | 7286 | | RRI Fak-Fak: 0400-0615 |
| 503) | 7295 | 1 | RRI Manado: 0300-0630 |
| 33) | 9510 | | RRI Ujung Pandang: 0200-0855 |
| 222) | 9615 | 7.5 | RRI Jayapura: 2100-0020, 0400-0620, 0655-1130 (1400v) |
| 195) | 9680 | | RRI Jakarta (Prgr. Nasional): 0500-0800, 1000-1715. Foreign Service: 0100-0300 |
| 515) | 9745 | | RRI Sorong: 0400-0600 |
| 195) | 9770 | | RRI Jakarta: 2200-0100, 0500-0800 (Sun 2200-0800), 1000-1715 |
| 195) | 11700 | 250 | RRI Jakarta (Prgr. Nasional): 2200-0100, 0500-0800, 1000-1715 |
| 195) | 11770 | | RRI Jakarta (Prgr. Nasional): 2200-0100, 0500-0800 (Sun 2200-0800), 1000-1715 |
| 195) | 11790 | 100 | RRI Jakarta (Foreign Sce.): 0100-0300, 0800-1700 |
| 195) | 15150 | 100 | RRI Jakarta (Foreign Sce): 0800-1700 |

**FM Stations**

| | MHz | | MHz | | MHz | | MHz |
|---|---|---|---|---|---|---|---|
| 195) | 88.0 | 209) | 98.0 | 513) | 93.5 | 1) | 104.0 |
| 101) | 88.0 | 315) | 100.2 | 516) | 93.5 | 315) | 104.0 |
| 158) | 88.0 | 195) | 100.4 | 508) | 93.5 | 83) | 104.0 |
| 315) | 88.0 | 517) | 101.2 | 509) | 93.5 | 33) | 104.0 |
| 195) | 89.1 | 518) | 101.3 | 222) | 93.6 | 195) | 104.3 |
| 326) | 93.0 | 519) | 101.9 | 83) | 94.0 | 195) | 105.0 |
| 211) | 93.0 | 1) | 102.0 | 195) | 95.7 | 130) | 105.0 |
| 504) | 93.0 | 507) | 102.0 | 195) | 97.0 | 512) | 105.0 |
| 507) | 93.0 | 503) | 102.0 | 286) | 97.0 | 186) | 105.0 |
| 195) | 93.0 | 186) | 102.0 | 19) | 97.0 | 252) | 105.0 |
| 286) | 93.0 | 195) | 102.7 | 287) | 97.0 | 101) | 105.4 |
| 349) | 93.0 | 101) | 102.9 | 257) | 97.5 | 147) | 105.5 |
| 512) | 93.0 | 252) | 103.0 | 326) | 97.6 | 67) | 107.0 |
| 247) | 93.0 | 509) | 103.5 | 515) | 97.6 | 252) | 107.0 |
| 209) | 93.0 | 326) | 103.7 | 504) | 97.7 | 172) | 107.3 |
| 287) | 93.0 | 246) | 103.7 | 305) | 97.9 | 195) | 107.4 |
| 146) | 93.2 | | | | | | |

## HOME SERVICES

### RADIO REPUBLIK INDONESIA (Gov.)

**ADDR:**Tromolpos 157 (Medan Merdeka Barat 9), Jakarta
**Te:** 49366. **Cable:** RRI
**Central Station:** Jakarta 195)
**National Prgr:** 2158-0800, 0958-1715 on 999/2332/6045/7270/9680/9770/11770 kHz + 97.0/100.4 MHz.
**Local Prgr:** 2158-0100, 0758-1300 on 3277 kHz. Prgr. for the Army: 2200-0100, 1000-1200.
**Special (3rd) Prgr:** 2200-0100, 0800-1300 on 4775 kHz + 88.0/104.3 MHz. Relay of Prgr. I (Nasional): 1415 (Mon/Fri 1500)-1715.
**Metropolitan Prgr:** 2158-1030, 1100-1715 on 1332/2451 kHz + 93.0/102.7 MHz.
**FM Stereo Prgr:** 0058-1700 on 1215 kHz + 89.1/95.7/105.0 MHz.

**REGIONAL KEY STATIONS**

1) = RRI Nusantara Satu; 2) = Nusantara Dua; 3) = Nusantara Tiga; 4) = Nusantara Empat; 5) = Nusantara Lima.

| City (Location) | Coverage |
|---|---|
| 1. Medan | Sumatera |
| 2. Yogyakarta | Jawa, Bali |
| 3. Banjarmasin | Kalimantan |
| 4. Ujung Pandang | Sulawesi, Nusa Tenggara |
| 5. Jayapura | Maluku, Irian Jaya |

# Look what Arthur has had up his sleeve.

How's that for a surprise! Now there are cartridge machines from Fidelipac. The Dynamax™ CTR100™ Series of Cartridge Machines.

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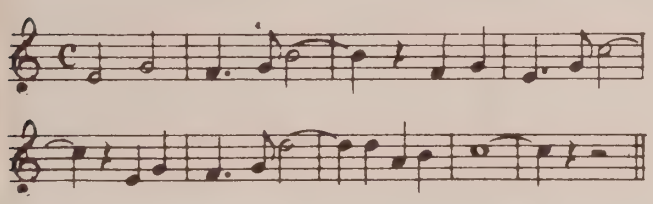
**Other Nusantara 1 sts:** Banda Aceh, Bengkula, Bukittinggi, Jambi, Padang, Pangkalpinang, Palembang, Pekanbaru, Sibolga, Tanjungkarang, Tanjung Pinang.
**Nusantara 2 sts:** Bandung, Bogor, Cirebon, Denpasar, Jember, Madiun, Malang, Purwokerto, Semarang, Singaraja, Sumenep, Surabaya, Surakarta.
**Nusantara 3 sts:** Palangkaraya, Pontianak, Samarinda.
**Nusantara 4 sts:** Dili, Ende, Gorontalo, Kendari, Kupang, Mataram, Manado, Palu.
**Nusantara 5 sts:** Ambon, Biak, Fak-Fak, Manokwari, Nabire, Serui, Sorong, Ternate, Wamena.
**ANN:** Nat. Prgr: "Inilah R. Republik Indonesia, Programa Nasional Jakarta". Local Prgr: "Inilah R. Republik Indonesia Jakarta dengan Siaran untuk Masyarakat Ibukota dan Sekitarnya". Special Prgr: "Inilah R. Republik Indonesia Programa Khusus Jakarta". All newscasts: "Inilah R. Republik Indonesia dengan Warta-Berita".
**E:** "This is R. Republik Indonesia Jakarta, Metropolitan Prgr".
**V.** by QSL-card or letter Re. to be sent to R. Republik Indonesia and Studio (name of City).

**FOREIGN SERVICE**

**ADDR:** Voice of Indonesia, P.O. Box 157, Jakarta.
**STATIONS:** Jakarta (G.C: 106.50E/06.12S).

| kHz | kW | kHz | kW | kHz | kW |
|---|---|---|---|---|---|
| 9680 | 100 | 11790 | 100 | 15150 | 100 |

**Arabic:** 1400-1500. **Bahasa Malaysia:** 0900-1000.**Chinese:** 1000-1100. **English:** 0100-0200, 0800-0900, 1500-1600. **French:** 1300-1400. **German:** 1600-1700. **Indonesian:** 0200-0300, 1200-1300. **Japanese:** 1130-1200. **Thai:** 1100-1130. Also relayed on 107.4 MHz.
**INT-SIG:** Rayuan Pulau Kelapa or "Love Ambon" (the song of the Coconut Islands played on a Hammond Organ, Flute, Vibe and Piano).



**V.** by QSL-card or letter. Listener's reports are welcomed.
**PUB:** Weekly: RRI Radio dan Televisi (Home Prgr.)
**ALF:** Rupiah 600,-

**Commercial Stations:** Permitted power: 0.5kW. Permitted D. Prgrs: 2200-1700. All to broadcast on MW only, eventually.
**Provincial Gov. Station:** Radio Khusus Pemerintah Daerah Tingkat Satu.
**District Stations:** Radio Khusus Pemerintah Daerah.
**Kabupaten,** (Sometimes "Khusus" (Special) is deleted). The term "Tingkat II (Dua)" is sometimes used instead of, or as well as, Kubupaten. Both mean "District".
**Municipal Stations:** Only intended for particular towns; Radio Khusus Pemerintah Daerah (e.g. Kotamadya, Surabaya).
**Padio Angkatan Bersenjata** (Military Stations).

**Indonesian Station Headings:**

| | |
|---|---|
| RDK | Radio Daerah Kabupaten |
| RKDT2 | Radio Kabupaten Daerah Tingkat Dua |
| RKPD | Radio Khusus Pemerintah Daerah |
| RKPDT2 | Radio Khusus Pemerintah Daerah Tingkat Dua |
| RKPKDT2 | Radio Khusus Pemerintah Kabupaten Daerah Tingkat Dua |
| RKPDK | Radio Khusus Pemerintah Daerah Kabupaten |
| RKPDKT2 | Radio Khusus Pemerintah Daerah Kabupaten Tingkat Dua |
| RPD | Radio Pemerintah Daerah |
| RPDT1 | Radio Pemerintah Daerah Tingkat Satu |
| RPDK | Radio Pemerintah Daerah Kabupaten |
| RPDKDT2 | Radio Pemerintah Daerah Kabupaten Daerah Tingkat Dua |
| RPDT2 | Radio Pemerintah Daerah Tingkat Dua |
| RPKDT2 | Radio Pemerintah Kabupaten Daerah Tingkat Dua |
| RRI | Radio Republik Indonesia |
| RS | Radio Siaran |

**Note:** There are many other possible station headings, however, these can be determined by using the appropriate letters/words.

**Addresses** (Jln = Jalan):
1) Jln Diponegoro 61, Bandung, Jawa Barat.
2) Jln Mayjen Sutoyo 31, Kuala Simpang, D.I. Aceh.
4) Jln Jendral Sudirman 74, Sipin - Jambi, Propinsi Jambi.
6) Jln Buru 10A, Ujung Pandang, Sulawesi Selatan.
10) Jln Sungai Asam 198C, Kampung Manggis - Jambi, Propinsi Jambi.
11) Jln Selat Berhals 160, Telukbetung, Lampung.
12) Jln Pasar Timur 8A, Pandeglang, Jawa Barat.
13) Jln Kampus USUD, Grendeng - Purwokerto, Jawa Tengah.
14) Jln Sunan Ngerang 2A, Juwana - Pati, Jawa Tengah.
15) Jln Argopeni 2, Wonosobo, Jawa Tengah.
17) Jln S. Limboto 42, Ujung Pandang, Sulawesi Selatan.
18) Jln Slt, Hasanuddin 14, Parepare, Sulawesi Selatan.
19) Jln Pemuda 82-90, Surabaya, Jawa Barat.
20) Jln Dr. Cipto Mangunkusumo 24C, Telukbetung, Lampung.
21) Jln Arterri By Pass Kopo, Bandung, Jawa Barat.
22) Jln Sunan Kalijaga 10, Rangkasbitung, Jawa Barat.
23) Jln Siliwangi 35, Cijoho - Kuningan, Jawa Barat.
24) Jln Margantara Tanjung, P.O. Box 45, Purwokerto, Jawa Tengah.
25) Gg. Pinggir 62, Kotakpos 180, Semarang, Jawa Tengah.
26) Jln Pasar Kliwon 180, Surakarta, Jawa Tengah.
27) Jln Dr. Wahidin 138B, Pekalongan, Jawa Tengah.
28) Jln Melati 7, Denpasar, Bali.
29) Jln Nusantara 91, Ujung Pandang, Sulawesi Selatan.
32) Jln Tomang Asli 44, Jakarta Barat.
33) Jln Riburane 2, Ujung Pandang, Sulawesi Selatan.
35) Jln Kopra 62, Jambi, Propinsi Jambi.
36) Jln Semar 177, Tanjungkarang, Lampung.
37) P. P. Senen Blok I/Lt. IV, Jakarta Pusat.
38) Jln Pangeran Kornel 162, Sumedang, Jawa Barat.
39) Jln Taman Pahlawan III/313, Purwakarta, Jawa Barat.
40) Jln Barito 4, Pekalongan, Jawa Tengah.
41) Jln Tuban I/91, Surabaya, Jawa Timur.
42) Jln Imam Bonjol 32, Singaraja, Bali.
44) Jln Buru 28, Kotakpos 45, Ujung Pandang, Sulawesi Selatan.
45) Jln Mesjid Raya 5, Sengkang - Wayo, Sulawesi Selatan.
46) Gereja St. Josep, Kp. Kleak - Manado, Sulawesi Utara.
48) Jln Pahlawan 89, Rangkasbitung, Jawa Barat.
49) Jln Borobudur 9, Jakarta Pusat.
50) Jln Jendral Sudirman 632, Bandung, Jawa Barat.
51) Jln Dr. Sudarsono 20, Cirebon, Jawa Barat.
52) Jln Jendral Soedirman Timur 807, Purwokerto, Jawa Tengah.
53) Jln Raya Wonopringgo 414, Pekalongan, Jawa Tengah.
54) Jln Purworejo VI/10, Surakarta, Jawa Tengah.
55) Jln Jeruk Raya 27, Semarang, Jawa Tengah.
56) Jln R. Danang 3, Pati, Jawa Tengah.
57) Jln Sulawesi 1, Denpasar, Bali.
58) Jln Pejagalan 58, Telukbetung, Lampung.
60) Jln Jati 77, Padang, Sumatera Barat.
61) Jln Kayu Putih Selatan IIIC/34-35, Jakarta Timur.
62) Jln L.R.E. Martadinate 16, Bandung, Jawa Barat.
63) Jln Ir. H. Juanda 60, Cianjur, Jawa Barat.
64) Jln By Pass 16, Arjawinangun - Cirebon, Jawa Barat.
66) Jln Ujung Lorong 151/5, Ujung Pandang, Sulawesi Selatan.
67) Jln Jendral Achmad Yani, Ambon, Maluku.
68) Jln Gajahmada 5, Pekalongan, Jawa Tengah.
69) Jln Cut Nya Dien 16, Medan, Sumatera Utara.
70) Jln Pasar Raya 57, Padang, Sumatera Barat.
71) Jln Keamanan 39, Jakarta Barat.
72) Jln Mohammad Toha 146, Bandung, Jawa Barat.
73) Jln Muwardi 15, Cianjur, Jawa Barat.
74) Jln Yudanegara 61, Tasikmalaya, Jawa Barat.
75) Jln Pangeran Drajat, Kesambi - Cirebon, Jawa Barat.
76) Jln Kepatihan, Surakarta, Jawa Tengah.
78) Jln Rajawali 47, Cakranegara, Lombok, Nusa Tenggara Barat.
79) Jln Manggis 31, Banjarmasin, Kalimantan Selatan.
80) Jln Rajawali 16, Ujung Pandang, Sulawesi Seletan.
81) Jln Samratulangi 43, Rantepao, Sulawesi Seletan.
82) Jln Husni Thamrin, Manado, Sulawesi Utara.
83) Jln Raya 211, Purwokerto, Jawa Tengah.
84) Jln Nusantara 261A, Ujung Pandang, Sulawesi Selatan.
87) Jln Anggrek 4, Surabaya, Jawa Timur.
88) Jln Amanna Gappa 7, Ujung Pandang, Sulawesi Selatan.
89) Jln Kemakmuran 58, Manado, Sulawesi Utara.
90) Jln Sei Besitang Terusan I, Medan, Sumatera Utara.
92) P.O. Box 74, Semarang, Jawa Tengah.

PEOPLE'S REP. OF MONGOLIA
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Xinjiang
QIQIHAR
Heilongjiang
HARBIN
XILINHOT
Jilin
JILIN
CHANGCHUN
Liaoning
KUSHIRO
SAPPORO
VLADIVOSTOK
AKITA
SEA OF JAPAN
SENDAI
NIIGATA
DEM. PEOPLE'S REP. KOREA
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TOKYO
SHIZUOKA
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OSAKA
KYOTO
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HIROSHIMA
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CHIANG RAI
CHIANG MAI
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PHUKET
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Mindanao
DAVAO CITY
BANDA ACEH
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Jolo
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KUALA LUMPUR
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MALACCA
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SORONG
DJAMBI
SAMARINDA
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PALU
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MADIUN
JEMBER
Bali
DENPASAR
Flores
TIMOR
DILI
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UTC+7
UTC+8
UTC+9
90°
30°
15°
0°
105
120
SOUTH EAST ASIA
INDONESIA, FEDERATION OF MALAYSIA
0
500
1000
1500 KM

93) P.O. Box 183, Merauke, Irian Jaya.
94) Jln Belakang Pasar Lemabang 510, Palembang, Sumatera Selatan.
95) Jln H.O.S. Cokroaminoto 10, Tanjungkarang, Lampung.
96) Jln Diponegoro 86, Jakarta Pusat.
97) Jln Pramuka 242, Majalengka, Jawa Barat.
98) Jln Candi Agung Paliware 67A, Amuntai, Kalimantan Selatan.
99) Jln S. Cerakang 30, Ujung Pandang, Sulawesi Selatan.
100) Jln S. Parman 161, Manado, Sulawesi Utara.
101) Jln Letkol Martinus Lubis 5, Medan, Sumatera Utara.
102) Jln Jelambar, Polri Blok A.XVIII/403, Jakarta Barat.
103) Jln Siliwangi 5, Bandung, Jawa Barat.
104) Jln Panglayungan 1/57, Tasikmalaya, Jawa Barat.
105) Jln Brawijaya 4, Kadipaten-Majalengka, Jawa Barat.
106) Jln M.T. Haryono 161, Lantai II, Semarang, Jawa Tengah.
107) Jln Raya Pekajangan 555, Pekalongan, Jawa Tengah.
108) Jln Windokerten 86, Surakarta, Jawa Tengah.
110) Jln Walikota Mustajab 62, Surabaya, Jawa Timur.
111) Jln Letjen, Sutoyo 22, Malang, Jawa Timur.
114) Jln Samiun 17, Ujung Pandang, Sulawesi Selatan.
116) Jln Nangka 11C, Denpasar, Bali
117) Jln Bangau 60, Palembang, Sumatera Selatan.
118) Jln Yos Sudarso 17A, Panjang, Lampung.
119) Jln Pakubuwono VI/35, Kebayoran Baru, Jakarta Selatan.
120) Jln L.R.E. Martadinata 229, Bandung, Jawa Barat.
121) Jln Cikeleng, Singaparna-Tasikmalaya, Jawa Barat.
122) Jln Irian 1, Surakarta, Jawa Tengah.
123) Jln Dr. Sutomo 52A, Surabaya, Jawa Timur.
124) Jln Probolinggo 4, Malang, Jawa Timur.
126) Jln Banda Lr. 203/5, Ujung Pandang, Sulawesi Selatan.
127) Jln Argopuro 4, Semarang, Jawa Tenggah.
128) Jln Langko 13, Ampenan, Mataram, Lombok, Nusa Tenggara Barat.
129) Jln Siliwangi 101, Cirebon, Jawa Barat.
130) Jln Tompello 8, Kupang, Timor, Nusa Tenggara Timur.
133) Jln Temon 259, 26 Ilir, Palembang, Sumatera Selatan.
134) Jln Mesuji 1, Pahoman - Tanjungkarang, Lampung.
135) Jln Bali Matraman 17, Jakarta Selatan.
136) Jln Margamulya 128, Cimalaka - Sumedang, Jawa Barat.
137) Jln Simolawang I/96, Surabaya, Jawa Timur.
139) Jln Yos Sudarso 42, Komplex Pasar Sentral, Bitung, Sulawesi Utara.
141) Jln G. Salahutu II/17, Ujung Pandang, Sulawesi Selatan.
142) Jln Paria 8, Bandung, Jawa Barat.
143) Jln Pemangunan, BBK Caringin, Garut, Jawa Barat.
145) Jln Arief Rahman Hakim, Enrekang, Sulawesi Selatan.
146) Jln Pattimura, Serui, Irian Jaya.
147) Jln Cerme 16 (or: Postbok 78), Malang, Jawa Timor.
148) Jln Sisingamangaraja 1, Padang, Sumatera Barat.
149) Jln Jambu Air, P.O. Box 42, Bukittinggi, Sumatera Barat.
150) Jln Darmawangsa Raya 13, Blok P.2, Kebayoran Baru, Jakarta Selatan.
152) Jln Joyoboyo 88, Surabaya, Jawa Timur.
153) Jln T. Nya' Arief 2, Langsa, D.I. Aceh.
154) Jln Taman Cut Mutiah 1, Jakarta Pusat.
155) Jln Karanglayung 27A, Bandung, Jawa Barat.
156) Jln Kedung Halang 7, Warung Jambu - Bogor, Jawa Barat.
157) Jln Galuh II/10, Ciamus, Jawa Barat.
158) P.O. Box 51, Pekanbaru, Propinsi Riau.
159) Jln Erlangga I/4, Semarang, Jawa Tengah.
160) Jln Siliwangi 2/1, Jakarta Pusat.
161) Jln Babakan 85, Majalaya - Bandung, Jawa Barat.
162) Jln Raya Siliwangi 167, Cicurug - Sukabumi, Jawa Barat.
163) Jln Slamet Riyadi 26, Surakarta, Jawa Tengah.
165) Jln Adityawarman 81A, Surabaya, Jawa Timur.
166) Jln Banjaran II/29, Kediri, Jawa Timur.
167) Jln Veteran VI/8, Bondowoso, Jawa Timur.
168) Jln Tongkol 8, Mataram, Lombok, Nusa Tenggara Barat.
169) Jln Letjen. Haryono MT288, Banjarmasin, Kalimantan Selatan.
170) Jln G. Nona 1, Ujung Pandang, Sulawesi Selatan.
171) Kampung Keling - Medan, Sumatera Utara.
172) Jln Jendral Sudirman 196, Kendari Sulawesi Tenggara.
173) Jln Kenten 173, 8 Ilir, Palembang, Sumatera Selatan.
174) Jln Mayor Salim Batubara 97, Telukbetung, Lampung.
175) Graha Wisata Remaja Jaya, Ancol, Jakarta Utara.
176) Jln Burangrang 2, Bandung, Jawa Barat.
177) Jln Perintis Kemerdekaan 86-147, Cibadak - Sukabumi, Jawa Barat.
178) Jln Mangkubumen Kulon I/2, Surakarta, Tengah.
179) Jln Raya 102, Kendal, Jawa Tengah.
181) Jln Aipda Karel Sasuit Tubun 15, Gresik, Jawa Timur.
183) Jln Yos Sudarso 61, Jember, Jawa Timur.
184) Jln Pasundan 81, Sukabumi, Jawa Barat.
186) Jln Marconi 1 (or: Kotakpos No. 40), Surakarta, Jawa Tengah.
187) Jln Melayu Besar 68, Jakarta Seletan.
188) Jln Nurali 30, Pontianak, Kalimantan Barat.
189) Jln Koyawas I/6, Langoan - Minahasa, Sulawesi Utara.
190) Jln Cikapayang 7, Bandung, Jawa Barat.
191) Jln Embong Wungu 47, Surabaya, Jawa Timur.
192) Jln Kawi 36, P.O. Box 5, Malang, Jawa Timur.
195) Tromolpos 157, Medan Merdeka Barat 9, Jakartá.
196) Jln Airport Polonia, Medan, Sumatera Utara.
198) Jln Kalimanatan 6, Madiun, Jawa Timur.
199) Jln Sriwijaya 68A, Medan, Sumatera Utara.
200) Jln Kyai Tapa, Grogol, Jakarta Barat.
201) Jln Merdeka 64, Bandung, Jawa Barat.
202) Jln Mangis I/14, Sukabumi, Jawa Barat.
203) Jln Dr. Cipto 175, Semarang, Jawa Tengah.
204) Jln Pemuda Selatan 38, Klaten, Jawa Tengah.
205) Jln Bintoro 25, Surabaya, Jawa Timur.
206) Jln Joyoboyo 77, Kediri, Jawa Timur.
207) Jln Veteran 4, Denpasar, Bali.
209) P.O. Box 24, Tanjungkarang, Lampung.
211) Jln Achman Yani, Kotakpos 505, Biak, Irian Jaya.
212) Jln Kayumanis V.E./286, Jakarta Timur.
213) Jln Labuan 41, Bandung, Jawa Barat.
214) Jln Tipar 8A, Sukabumi, Jawa Barat.
215) Jln M.T. Haryono 353, Semarang, Jawa Tengah.
216) Jln Lawu 50, Tegal, Jawa Tengah.
218) Jln Pucanganom Timur II/91, Surabaya, Jawa Timur.
219) Jln Trunojoyo 56, Jember, Jawa Timur.
220) Jln Jendral Sudirman 59, Singaraja, Bali
221) Jln Lamposeh 27, Banda Aceh, D.I. Aceh.
222) Jayapura, Irian Jaya.
223) Jln Pontianak 22, UKT - Padang, Sumatera Barat.
224) Jln Raya Bagus Sekuning 3/41, Plaju - Palembang, Sumatera Selatan.
225) Jln Imam Bonjol, Gg. Pelita 27, Tanjungkarang, Lampung.
226) Jln Lautz 68B/IV, Jakarta Pusat.
227) Jln Kacapring 12, Bandung, Jawa Barat.
228) Jln Iskandardinate, Sukabumi, Jawa Barat.
231) Jln Pasar Besar Wetan 16, Surabaya, Jawa Timur.
232) Jln Gatot Kaca 45, Negara, Bali.
233) Jln Selarapang 60, Mataram, Lombak, Nusa Tenggara Barat.
235) Jln K.H. Agus Salim 6, Manado, Sulawesi Utara.
236) Jln Teuku Umar 61, Pontianak, Kalimantan Barat.
237) Jln Gajah Mada, No. 144, Singaraja, Bali.
238) Jln Wijaya X/1, Kebayoran Baru, Jakarta Selatan.
239) Jln Lengkong Besar 14, Bandung, Jawa Barat.
240) Jln Surakencana 104, Sukabumi, Jawa Barat.
241) Jln Ngagel Jaya Utara IV/21, Surabaya, Jawa Timur.
242) Jln Dr. Cipto 16, P.O. Box 16, Malang, Jawa Timur.
243) Jln Murai 129, Sei Sikambing - Medan, Sumatera Utara.
244) Kompleks Mesjid Raya Baiturrahman, Banda Aceh, D.I. Aceh.
246) Jln Mhd. Tahir 36, Jambi, Propinsi Jambi.
247) Jln Hurip Sumohardjo, Sumenep, Madura, Jawa Timur.
248) Jln Puncak Sekuning 462, Palembang, Sumatera Selatan.
249) Jln Letjen. S. Parman, Grogol, Jakarta Barat.
250) Jln Gandapura 67, Bandung, Jawa Barat.
251) Jln K.H.A. Dahlan 1, Karawang, Jawa Barat.
252) Jln Amat Yayuli 4, Yogyakarta, D.I. Yogyakarta.
253) Jln Jepara Lorong 52/6, Tanjung Priok, Jakarta Utara.
254) Jln Babakan Ciparay 232/195, Bandung, Jawa Barat.
255) Jln Taman Apsari 7, Surabaya, Jawa Timur.
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259) Jln Langsa 20, Banda Aceh, D.I. Aceh.
260) Jln Enggang 10, Medan, Sumatera Utara.
262) Jln Bekasi Timur IV, Jatinegara, Jakarta Timur.
263) Jln Karapitan blk. 20, Bandung, Jawa Barat.
264) Jln Wiralodra 345, Indramayu, Jawa Barat.
265) Jln R.E. Martadinata 1, Tasikmalaya, Jawa Barat.
266) Jln Mugas Dalam VI/11, Tromolpos 200, Semarang, Jawa Tengah.
268) Jln Sei Bohorok 8, Medan, Sumatera Utara.
269) Jln Jawa Dalam I/4, Padang, Sumatera Barat.

270) Jln K.H.A. Azhari 136, 12 Ulu, Palembang, Sumatera Selatan.
271) Jln Cendana 8, Pahoman - Tanjungkarang, Lampung.
272) Jln Gajahmada 188, Jakarta Barat.
273) Jln Veteran 89, Bandung, Jawa Barat.
274) Jln Jombang Tangsi 69, Cilegon - Serang, Jawa Barat.
275) Jln Raung 7, Candi Baru - Semarang, Jawa Tengah.
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278) Jln Kilisuci 42, Kediri, Jawa Timur.
281) Jln Diponegoro 14, Banda Aceh, D.I. Aceh.
282) Jln Mataram 3, Medan, Sumatera Utara.
283) Jln Dr. Slamet 27-19, Bandung, Jawa Barat.
284) Jln May. Syafe'i 66B, Serang, Jawa Barat.
285) Sabang, Weh, D.I. Aceh.
286) Jln Jendral Sudirman 12, Kotakpos 77, Padang, Sumatera Barat.
287) Jln Diponegoro 579, Tanjung Pinang, Propinsi Riau.
288) Jln Petojo Utara 7, Jakarta Pusat.
289) Jln Pasirkaliki 59, Bandung, Jawa Barat.
290) Jln Selabintang 103, Sukabumi, Jawa Barat.
291) Jln Alun-Alun Selatan 7, Magelang, Jawa Tengah.
293) Jln Teluk Aru 68, Surabaya, Jawa Timur.
294) Jln Mondoroko 2, Singosari - Malang, Jawa Timur.
295) Jln Dewi Sartika 55, Singaraja, Bali.
296) Jln Rambutan Dalam 86, Semarang, Jawa Tengah.
297) Jln Melati 49, Denpasar, Bali.
299) Banda Aceh, D.I. Aceh.
300) Jln Multatuli 45, Medan, Sumatera Utara.
301) Jln Khairil Anwar 8, Padang, Sumatera Barat.
302) Jln A. Yani 155, Pekanbaru, Riau.
303) Jln Garputala 2, Kompl. Turangga, Bandung, Jawa Barat.
305) P.O. Box 45, Samarinda, Kalimantan Timur.
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309) Jln Dalem Kaum 104, Bandung, Jawa Barat.
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311) Jln Kebalen 2, P.O. Box 51, Surakarta, Jawa Tengah.
312) Jln Undaan Kulon 25, Surabaya, Jawa Timur.
313) Jln Let. Jendral S. Parman 115, Malang, Jawa Timur.
314) Jln Kartini Raya 161, Semarang, Jawa Tengah.
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319) Jln Teuka Daud 4, Medan, Sumatera Utara.
320) Jln Ambon 18, Bandung, Jawa Barat.
321) Jln Guntur 154, Garut, Jawa Barat.
323) Jln Gatotan 41, Surabaya, Jawa Timur.
324) Jln Banten 1, Malang, Jawa Timur.
325) Jln Indragiri 1, Semarang, Jawa Tengah.
326) Jln Sultan Iskandar Muda 13, Banda Aceh, D.I. Aceh.
327) Jln Hokki 21, Medan, Sumatera Utara.
328) Jln Mangga Besar IX/1-B, Jakarta Barat.
329) Jln Sumurbandung 3, Bandung, Jawa Barat.
330) Jln Achmad Yani 45, Subang, Jawa Barat.
331) Jln Jendral A. Yani 55, Purworejo, Jawa Tengah.
332) Jln Pandean 3, Kaliungu - Kendal, Jawa Tengah.
333) Jln Cokroaminoto 111, Madiun, Jawa Timur.
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337) Jln Karang Bugis SK.XI/82, Balikpapan, Kalimantan Timur.
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341) Jln Tembakau Deli 4/8, Medan, Sumatera Utara.
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343) Jln Wescoff 18, Bandung, Jawa Barat.
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396) Jln Bedadung 6, Surabaya, Jawa Timur.
397) Jln Mayjen. Sungkono 36, Madiun, Jawa Timur.
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408) Jln Letjen. S. Parman 20A, Temanggung, Jawa Tengah.
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410) Jln Hayam Wuruk 49, Ponorogo, Jawa Timur.
411) Taman Ismail Marzuki, Jln Cikini Raya 73, Jakarta Pusat.
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421) Jln Kuras 5, Tampan - Pekanbaru, Riau.
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442) Jln Rajawali 59, Pontianak, Kalimantan Barat.
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## JAPAN

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**STATIONS: Mediumwaves:**
1) = 1st Netw.; 2) = 2nd Netw. **Call:** JO —. St's in bold are reg. key st's exc. Tokyo (headquarters).

| Name & Prgr. | Call | kHz | kW | Name & Prgr. | Call | kHz | kW |
|---|---|---|---|---|---|---|---|
| Morioka 1 | QG | 531 | 10 | **Sapporo 1** | IK | 567 | 100 |
| Yamagata 1 | JG | 540 | 5 | Kagoshima 1 | HG | 576 | 10 |
| Matsumoto 1 | SG | 540 | 1 | Kushiro 1 | PG | 585 | 10 |
| Nanao 1 | | 540 | 1 | **Tokyo 1** | AK | 594 | 300 |
| Miyazaki 1 | MG | 540 | 5 | Nayoro 1 | | 603 | 1 |
| Kitakyushu 1 | SK | 540 | 1 | Okayama 1 | KK | 603 | 5 |
| Ishigaki 1 | | 540 | 1 | Fukuoka 1 | LK | 612 | 100 |
| Okinawa 1 | AP | 549 | 10 | | | | |

| Name & Prgr. | Call | kHz | kW | Name & Prgr. | Call | kHz | kW |
|---|---|---|---|---|---|---|---|
| Asahikawa 1 | CG | 621 | 3 | **Hiroshima 1** | FK | 1071 | 20 |
| Iida 1 | | 621 | 1 | **Sendai 2** | HB | 1089 | 10 |
| Kyoto 1 | OK | 621 | 1 | Nayoro 2 | | 1125 | 1 |
| Nobeoka 1 | | 621 | 1 | Obihiro 2 | OC | 1125 | 1 |
| Shizuoka 2 | PB | 639 | 10 | Muroran 2 | IZ | 1125 | 1 |
| Toyama 1 | IG | 648 | 5 | Takayama 2 | | 1125 | 1 |
| Obihiro 1 | OG | 657 | 5 | Tottori 2 | LC | 1125 | 1 |
| **Osaka 1** | BK | 666 | 100 | Hagi 2 | | 1125 | 1 |
| Hakodate 1 | VK | 675 | 5 | Okinawa 2 | AD | 1125 | 10 |
| Yamaguchi 1 | UG | 675 | 5 | Kushiro 2 | PC | 1152 | 10 |
| Nagasaki 1 | AG | 684 | 5 | Kochi 2 | RB | 1152 | 10 |
| **Tokyo 2** | AB | 693 | 500 | Kitami 1 | KP | 1188 | 10 |
| Kitami 2 | KD | 702 | 10 | Kanazawa 1 | JK | 1224 | 10 |
| **Hiroshima 2** | FB | 702 | 10 | Matsue 1 | TK | 1296 | 10 |
| **Nagoya 1** | CK | 729 | 50 | Tsuruoka 1 | JP | 1368 | 1 |
| **Sapporo 2** | IB | 747 | 500 | Tottori 1 | LG | 1368 | 1 |
| **Kumamoto 1** | GK | 756 | 10 | Takamatsu 1 | HP | 1368 | 5 |
| Akita 2 | UB | 774 | 500 | Hachinohe 2 | TZ | 1377 | 1 |
| Enbetsu 1 | | 792 | 1 | Yamaguchi 2 | UC | 1377 | 5 |
| Takada 1 | | 792 | 1 | Nagasaki 2 | AC | 1377 | 1 |
| Takayama 1 | | 792 | 1 | Morioka 2 | QC | 1386 | 10 |
| Naze 1 | | 792 | 1 | Kanazawa 2 | JB | 1386 | 10 |
| Nagano 1 | NK | 819 | 1 | Okayama 2 | KB | 1386 | 5 |
| Oita 1 | IP | 819 | 1 | Kagoshima 2 | HC | 1386 | 10 |
| Sasebo 1 | AQ | 819 | 1 | Wakkanai 2 | | 1467 | 1 |
| **Osaka 2** | BB | 828 | 300 | Hakodate 2 | VB | 1467 | 1 |
| Niigata 1 | QK | 837 | 10 | Nagano 2 | NB | 1467 | 1 |
| Koriyama 1 | CP | 846 | 5 | Oita 2 | ID | 1467 | 1 |
| Uwajima 1 | | 846 | 1 | Miyazaki 2 | MC | 1467 | 1 |
| Hitoyoshi 1 | | 846 | 1 | Iida 2 | | 1476 | 1 |
| **Kumamoto 2** | GB | 873 | 500 | Akita 1 | UK | 1503 | 10 |
| Shizuoka 1 | PK | 882 | 10 | Aso 1 | | 1503 | 1 |
| **Sendai 1** | HK | 891 | 20 | Koriyama 2 | CD | 1512 | 1 |
| **Nagoya 2** | CB | 909 | 10 | Matsumoto 2 | SC | 1512 | 1 |
| Wakkanai 1 | | 927 | 1 | **Matsuyama 2** | ZB | 1512 | 5 |
| Kofu 1 | KG | 927 | 5 | Yamagata 2 | JC | 1521 | 1 |
| Fukui 1 | FG | 927 | 5 | Aomori 2 | TC | 1521 | 1 |
| Muroran 1 | IQ | 945 | 3 | Hamamatsu 2 | DC | 1521 | 1 |
| Hikone 1 | QP | 945 | 1 | Fukui 2 | FC | 1521 | 1 |
| Tokushima 1 | XK | 945 | 5 | Yonago 2 | LZ | 1521 | 1 |
| Fukue 1 | | 945 | 1 | Ishigaki 2 | | 1521 | 1 |
| Aomori 1 | TG | 963 | 5 | Nakamura 2 | | 1521 | 1 |
| Yonago 1 | LQ | 963 | 1 | Niigata 2 | QB | 1593 | 10 |
| Hagi 1 | | 963 | 1 | Matsue 2 | TB | 1593 | 10 |
| **Matsuyama 1** | ZK | 963 | 5 | Enbetsu 2 | | 1602 | 1 |
| Saga 1 | SP | 963 | 1 | Asahikawa 2 | CC | 1602 | 1 |
| Kochi 1 | RK | 990 | 10 | Kofu 2 | KC | 1602 | 1 |
| Hachinohe 1 | TQ | 999 | 1 | Fukuyama 2 | DD | 1602 | 1 |
| Hamamatsu 1 | DG | 999 | 1 | Uwajima 2 | | 1602 | 1 |
| Fukuyama 1 | DP | 999 | 1 | Kitakyushu 2 | SB | 1602 | 1 |
| Nakamura 1 | | 999 | 1 | Hitoyoshi 2 | | 1602 | 1 |
| Fukuoka 2 | LB | 1017 | 50 | Nobeoka 2 | | 1602 | 1 |
| Tsuruoka 2 | JD | 1035 | 1 | Naze 2 | | 1602 | 1 |
| Toyama 2 | IC | 1035 | 1 | | | | |
| Takamatsu 2 | HD | 1035 | 1 | | | | |

+ 196 st's below 1kW not mentioned.

#### HOME SERVICES

**1st Netw:** 2000-1500 — **N:** W every h (exc. 1400) and 2140, 0456, 0656, 0756, 0856, 1455; Sun: Every h exc. 0100, 0200, 0500, 0700, 1100, also 2355, 1455 — **Wrp:** 2030, 2057, 2113, 2158, 2213, 2258, 2358, 0058, 0158, 0255, 0313, 0358, 0458, 0608, 0658, 0758, 0858, 0950, 1013, 1158, 1258, 1318, 1358, 1458 — **Mbg:** W: 2150 — **T.S:** Every h.

**2nd Netw:** 2030-1500 — **English:** Sun 1130-1200 — **L.L: Basic English:** W 2105-2125, 0500-0520, 0920-0940 — **Basic English (2nd step):** 2125-2145, 0520-0540, 0940-1000 — **English Conversation:** W 2145-2200, 0540-0555, 1015-1030. **German:** W 2200-2220, 0720-0740. **French:** W 2300-2320, 1440-1500. **Russian:** W 2240-2300, 0740-0800. **Spanish:** W: 0610-0630, 1400-1420. **Chinese:** W 2335-2355, 1420-1440. **Wrp:** 0010, 0700, 1300.
**School Broadc:** W 0030-0300, 0400-0500 (not Sat).

**The Editors of the WRTH wish to acknowledge the assistance of our Japanese collaborators in compiling the Asian section.**

**FM-Stations: Call:** JO — FM.

| Location | Call | MHz | kW | Location | Call | MHz | kW |
|---|---|---|---|---|---|---|---|
| Utsunomiya | BP | 80.3 | 1 | Fukushima | FP | 85.3 | 1 |
| Chiba | MP | 80.7 | 5 | Yamaguchi | UG | 85.3 | 0.5 |
| Toyama | IG | 81.5 | 1 | Kumamoto | GK | 85.4 | 1 |
| Maebashi | TP | 81.6 | 1 | Kofu | KG | 85.6 | 1 |
| Saga | SP | 81.6 | 0.5 | Kagoshima | HG | 85.6 | 1 |
| Tsu | NP | 81.8 | 3 | Kitakyushyu | SK | 85.7 | 0.25 |
| Yokohama | GP | 81.9 | 5 | Asahikawa | CG | 85.8 | 0.5 |
| Yamagata | JG | 82.1 | 1 | Tottori | LG | 85.8 | 0.5 |
| Hamamatsu | — | 82.1 | 0.25 | Aomori | TG | 86.0 | 3 |
| Kanazawa | JK | 82.2 | 1 | Takamatsu | HP | 86.0 | 1 |
| Niigata | QK | 82.3 | 1 | Kitami | KP | 86.0 | 0.25 |
| Tokyo | AK | 82.5 | 10 | Tsuruoka | — | 86.0 | 0.25 |
| Nagoya | CK | 82.5 | 10 | Sasebo | — | 86.0 | 0.25 |
| Sendai | HK | 82.5 | 5 | Miyazaki | MG | 86.2 | 0.5 |
| Kyoto | OK | 82.8 | 1 | Kobe | PP | 86.5 | 0.5 |
| Morioka | QG | 83.1 | 1 | Akita | UK | 86.7 | 3 |
| Mito | EP | 83.2 | 1 | Hakodate | VK | 87.0 | 0.25 |
| Fukui | FG | 83.4 | 1 | Nara | UP | 87.4 | 0.5 |
| Tokushima | XK | 83.4 | 1 | Kochi | RK | 87.5 | 0.5 |
| Gifu | OP | 83.6 | 1 | Obihiro | OG | 87.5 | 0.25 |
| Nagano | NK | 84.0 | 0.5 | Matsuyama | ZK | 87.7 | 1 |
| Otsu | QP | 84.0 | 1 | Muroran | IU | 88.0 | 0.25 |
| Matsue | TK | 84.5 | 0.5 | Osaka | BK | 88.1 | 10 |
| Nagasaki | AG | 84.5 | 0.5 | Okinawa | AP | 88.1 | 1 |
| Wakayama | RP | 84.7 | 0.5 | Hiroshima | FK | 88.3 | 1 |
| Fukuyama | | 84.8 | 0.25 | Kushiro | PG | 88.5 | 0.25 |
| Fukuoka | LK | 84.8 | 3 | Okayama | KK | 88.7 | 1 |
| Urawa | LP | 85.1 | 5 | Shizuoka | PK | 88.8 | 1 |
| Sapporo | IK | 85.2 | 5 | Oita | IP | 88.9 | 1 |

+ more than 400 translator st's.
D 2100-1500 (Mono and Stereo broadc. on pilot tone system).

**SHORTWAVES:**

| Location | kHz | kW | H. of tr. |
|---|---|---|---|
| Hiroshima | 3607 | 0.6 | 0800-1300* |
| Tokyo | 6178 | 0.9 | 2000-2400* |
| Tokyo | 9553 | 0.9 | 0100-1300* |

*) irr, emergency tr. Rel. Home Sce. 1 in SSB.

## FOREIGN SERVICE

**STATIONS:** Yamata (G.C: 139.50E/36.10N): 2x20kW, 2x50kW and 8x100kW SW-tr's — S = Sines, Portugal 250kW, M = Moyabi, Gabon 500kW.

| kHz | kHz | kHz | kHz | kHz | kHz | kHz |
|---|---|---|---|---|---|---|
| 5970 | 7155 | 9570 | 11780 | 11950 | M15315 | 17825 |
| 6030 | 7225 | 9575 | 11815 | 15195 | 15325 | M21575 |
| 6080 | 7235 | 9645 | 11840 | 15210 | 15380 | 21610 |
| S6085 | 9505 | 9670 | 11875 | 15235 | 17755 | 21640 |
| 7105 | 9525 | 11710 | 11935 | 15300 | 17810 | M21695 |
| 7140 | | | | | | |

**GENERAL SCE. (in Japanese & English):**

| Japanese | kHz | English | kHz |
|---|---|---|---|
| 0000-0030 | 7105a, 17755b 15210c | 0100-0130 | 17755b, 17810c |
| | | 0300-0330 | 17755b, 17810c |
| 0200-0230 | 17755b, 17810c | 0500-0600 | 15300b, 17810c |
| 0400-0500 | 15300b, 17810c | 0700-0800 | 15235a, 9505b 17810c M21575ag |
| 0600-0700 | M21575ag, 9505b 17810c | | |
| 0800-0830 | 15235a, 9505b 15195c | 0900-0930 | 15235a, 9505b 15195c |
| 1000-1030 | 9505b, 15195c 9670d | 1100-1130 | 9505b, 15195c 9670d |
| 1200-1300 } 1400-1430 } | 9505b, 11815c 11840e | 1300-1400 | 9505b, 11815c 11840e |
| 1600-1700 | 7235a, 9505b 11815c M21695ag | 1500-1600 | 7235a, 9505b 11815c M21695ag |
| 1800-1830 | 7235a,9505b 11815c | 1700-1730 | 7235a, 9505b 11815c |
| 2000-2030 | 7235a, 11815b | 1900-1930 } 2100-2130 } | 7235a, 11815c |
| 2130-2230 | S6085ag | | |
| 2200-2300 | 7105a, 17755b 15210c, 15235f | 2300-2330 | 7105a, 17755b 15210c |

a) to Europe; b) to America; c) to Asia; d) to Asian Continent; e) to So. Asia; f) to So. Ea. Asia; g) to Middle East.

**REGIONAL SERVICES**

I = No. American Sce; II = No. Ce. & So. American & Hawaiian Sce; III = European Sce; IV = So. American Sce; V = Australia/N.Z. Sce; VI = So. Ea. Asian Sce; VII = Asian Continent Sce; VIII = So. Asian & African Sce; IX = M. East & No. African Sce.
+) 50kW — freqs in bold 200kW; M = Moyabi (Gabon), 500kW, others 100kW.

| Arabic | Sce | kHz |
|---|---|---|
| 1630-1700 | VIII | **9645**, 11840 |
| **Bengali** | | |
| 1500-1530 | VIII | **9645**, 11840 |
| **Burmese** | | |
| 1530-1600 | VI | 9525, 11780 15380+ |
| **Chinese** | | |
| 1145-1245 | VI/ VII | 7155+, 9525 9670, 11935 |
| 1300-1400 | VII | 6080, 7140 9670 |
| 1400-1500 | VI | 9525, 11780 15380+ |
| **English** | | |
| 2015-2045 | IX | 6080, **7105** |
| 0000-0100 | I | **9645**, 11710 |
| 0145-0245 | II | 15195, **17825** 21610, 21640 |
| 0630-0700 | III | 9570 |
| 0845-0945 | V | 11875, 15235 |
| 1215-1245 | VI | 11875, 15235 |
| 1800-1830 | VIII | **9645**, 11840 |
| 1930-2000 | III | 6080, **7105** |
| **French** | | |
| 2045-2115 | IX | 6080, 7105 |
| 0530-0600 | III | **7225**, 9575 M15315 |
| 1700-1730 | VIII | **9645**, 11840 |
| **German** | | |
| 0500-0530 | III | **7225**, 9575 M15315 |
| 1900-1930 | III | 6080, **7105** |
| **Hindi** | | |
| 1530-1600 | VIII | **9645**, 11840 |
| **Indonesian** | | |
| 1115-1215 | VI | 11875, 15235 |
| 2230-2300 | VI | 11840+ 15325+, 15350 |
| **Italian** | | |
| 0430-0445 | III | **7225**, 9575 M15315 |

| Japanese | Sce | kHz |
|---|---|---|
| 0115-0145 | II | 15195, **17825** 21610, 21640 |
| 0900-1000 | IV | 5970, 9525 11950 |
| **Korean** | | |
| 1000-1100 | VII | 6030+, 6080 7140+ |
| 2145-2215 | VII | 6030+, 6080 7235+ |
| **Malay** | | |
| 1330-1400 | VI | 9525, 11780 15380+ |
| **Portuguese** | | |
| 1000-1030 | IV | 5970, 9525 11950 |
| **Russian** | | |
| 0400-0430 | III | **7225**, 9575 M15315 |
| 1400-1430 | VII | 6080, 7140 9670 |
| 1900-1930 | III | 9645, **11705** |
| **Spanish** | | |
| 0245-0315 | II | 15195, **17825** 21610, 21640 |
| 1030-1100 | IV | 5970, 9525 11950 |
| **Swahili** | | |
| 1730-1800 | VIII | **9645**, 11840 |
| **Swedish** | | |
| 0430-0445 | III | **7225**, 9575 M15315 |
| **Thai** | | |
| 1500-1530 | VI | 9525, 11780 15380+ |
| **Urdu** | | |
| 1600-1630 | VIII | **9645**, 11840 |
| **Vietnamese** | | |
| 1300-1330 | VI | 9525, 11780 15380+ |
| 2300-2330 | VI | 11840+ 15325+, 15350 |

**ANN: Foreign Service: English:** "This is Radio Japan, the overseas broadcasting service of NHK in Tokyo" — **French:** "Ici Radio Japon, service des émissions vers l'étranger de la NHK à Tokio" — **German:** "Hier ist Radio Japan. . . ." — **Italian:** "Qui é Radio Giappone, servizio radiofonico della NHK da Tokyo" — **Spanish:** "Aqui Radio Japón, el servicio internacional de la NHK" — **Portuguese:** "Esta é a Rádio Japão, serviço de transmissões internacionais da NHK" — **Indonesian:** "Inilah Radio Jepang, siaran internasional dari NHK di Tokyo" — **Swedish:** "Här är det skandinaviska programmet fran Radio Japan, NHK i Tokyo" — **Swahili:** "Hii ni Redio Japani, Tokyo" — **Malay:** "Inilah Radio Jepun, Siaran antara bangsa dari NHK di Tokyo".

**INT-SIG: Home Service:** Both on the 1st and 2nd network, a musical sign is beamed on a celeste before commencing broadcast. No interval signal is used since both the 1st and 2nd networks are continuously on the air — **Foreign Service:** Opening music of Reg. Sce's "Sakura". Interval signal music "Kazoe Uta".

**PUB:** In Japanese only: Graph: NHK (monthly), Hoso Bunka or Broadcast Culture (monthly), NHK Year Book (annual). In English and others: Radio Japan News (monthly or bi-monthly in E, Ch and others). This is NHK (annual in E), NHK Technical Monograph (irr. in E). NHK Laboratories Note (irr. in E),. The prgr. schedules for Overseas Service (R. Japan), Studies of Broadcasting (annual in E) — **V.** by QSL-card — **FI:** In accordance with the Broadcast Law. NHK's operations are financed by the revenue from receiving fee.

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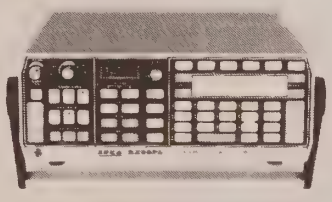
ETA Feb. 85



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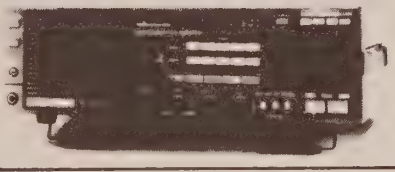

| R2000 | R1000 | R600 |
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| | Call | kHz | kW | | Call | kHz | kW |
|---|---|---|---|---|---|---|---|
| 1) | CR | 558 | 20d | 31) | BF | °1197 | 5d |
| 2) | DF | 684 | 5 | 32) | YF | °1197 | 5 |
| 3) | IL | 720 | 1 | 25) | BW | 1215 | 1 |
| 5) | LR | °738 | 5 | 20) | UR | °1233 | 5 |
| 6) | RR | °738 | 5 | 34) | GR | °1233 | 5d |
| 4) | JF | °765 | 5 | 46) | | 1233 | 1 |
| 15) | PF | 765 | 5 | 35) | LF | °1242 | 100 |
| 7) | XR | °783 | 5 | 37) | IR | °1260 | 20 |
| 8) | SO | °864 | 1 | 9) | HW | 1269 | 5 |
| 9) | QF | 864 | 3d | 38) | JR | °1269 | 5d |
| 10) | PR | °864 | 5d | 30) | FR | °1278 | 50 |
| 9) | HE | 864 | 3d | 9) | HR | °1287 | 50 |
| 11) | HF | °900 | 5d | 39) | UF | °1314 | 50 |
| 12) | ZR | °900 | 5d | 40) | SF | °1332 | 50 |
| 9) | HO | 900 | 5d | 41) | ER | °1350 | 20 |
| 13) | EF | °918 | 5d | 42) | VR | °1404 | 5d |
| 14) | TR | °936 | 5 | 9) | QL | 1404 | 5d |
| 21) | NF | °936 | 5 | 3) | IF | °1413 | 50 |
| 21) | 3 st's | 936 | 1 | 43) | RF | °1422 | 50d |
| 16) | KR | °954 | 100 | 44) | VF | °1431 | 5d |
| 17) | NR | °1008 | 50 | 45) | ZF | °1431 | 5 |
| 19) | AR | °1053 | 50 | 7) | | 1431 | 1 |
| 20) | MF | 1098 | 1 | 20) | | 1431 | 1 |
| 13) | EL | 1098 | 1 | 36) | WF | °1440 | 50 |
| 22) | GF | °1098 | 5 | 36) | | 1440 | 1 |
| 8) | SR | °1098 | 5 | 9) | QM | 1449 | 5 |
| 23) | WO | 1098 | 5 | 46) | KF | °1449 | 5 |
| 24) | CF | °1107 | 20d | 41) | | 1458 | 1 |
| 26) | MR | °1107 | 5d | 23) | WR | °1458 | 1 |
| 27) | AF | °1116 | 5d | 32) | YL | 1458 | 1 |
| 28) | DR | °1116 | 5d | 20) | UO | 1458 | 1 |
| 6) | | 1116 | 1 | 34) | GO | 1485 | 1 |
| 29) | QR | °1134 | 100 | 15) | | 1485 | 1 |
| 25) | BR | °1143 | 20 | 9) | TL | 1494 | 1 |
| 33) | OR | °1179 | 50 | 47) | YR | 1494 | 5 |
| 36) | | 1197 | 1 | 28) | DO | 1530 | 1 |
| 26) | MO | 1197 | 1d | 48) | XF | °1530 | 5 |
| 8) | SW | 1197 | 1 | 27) | AM | °1530 | 1 |
| 30) | FO | 1197 | 1 | | | | |

°) = key-station, d = directional.
Low power relays less than 1kW not mentioned.

1) R. Kansai Ltd, 1-16, Miyuki-cho, Suma-Ku, Kobe, Hyogo 654—Gen. Mgr: Y. Sakaue. Chief Eng: Y. Nishikawa—2030-1630. **N:** on the h. **V.** by QSL-card. Rec. acc. **F.Pl:** 50kW on MW, FM sce.
2) Iwate Broadc. Co, 6-1 Shikecho, Morioka-shi, Iwate 020—Pres: T. Ohta. Dir Tec: S. Yamamoto—24h. **N:** W 0900, 1330.
3) Kyushu-Asahi Broadc. Corp, 1-34 Nagahama, 1-chome, Fukuoka 810—Pres: T. Shibata. St. Mgr: O. Hirata. Dir Tec: K. Suzuki. W: 24h; Sun 2030-1700. **N:** on the h.
4) Yamanashi Broadc. Syst. Inc, 2-6-10 Kitaguchi, Kofu 400-91—Pres: S. Kobayashi—2030-1530 (Sat 1555, Sun 1540). **V.** by QSL-card.
5) Kita-Nihon Broadc. Co, 10-18 Ushijima, Toyama-shi, Toyama 930—Pres: R. Yokoyama—2000-1500 (Sun 1530). **V.** by QSL-card.
6) Ryukyu Broadc. Co, 2-3-1, Kumoji, Naha-shi, 900—Pres: T. Toma—24h. **N:** Every h on the h. **V.** by QSL-card.
7) R. Okinawa Broadc. Co, 2-22-1 Izumizaki, Naha-shi 900—Pres. Y. Arakagi—2000-1800 (Sun 1600). **V.** by QSL-card.
8) Shin-Etsu Broadc. Co, 1-21-24 Yoshida Nagano-shi, Nagano 380—Pres: T. Isihara—24h. **N:** On the h at 2100-0600 & 0800, 0930, 1255, 1350 (JOSO Matsumoto, JOSR Nagano, JOSW Iida).
9) Hokkaido Broadc. Co, Kita Ichido, Nishi 5-2, Chuo-ku, Sapporo, 060—Gen. Mgr: K. Ohtsu. Dir Tec: K. Hamaya—24h (Sun 2000-1600). **N:** on the h. exc. 1400-2200. **V.** by QSL-card (JOHR Sapporo, JOHO Hakodate, JOHE Asahikawa, JOHW Obihiro, JOQF Muroran, JOQL Kushiro, JOQM Abashiri, JOTL Nayoro.)
10) Fukui Broadc. Co, 3-4-1 Ote, Fukui-shi, Fukui 910—Pres: K. Kato—2000-1600. **V.** by QSL-card.
11) Broadc. Syst. of San-in, 423 Nishi-Fukuhara, Yonago 683—Pres: N. Aoto—2055-1550 (Sun 1530). **V.** by QSL-card.


**SHORTWAVE GUIDE**

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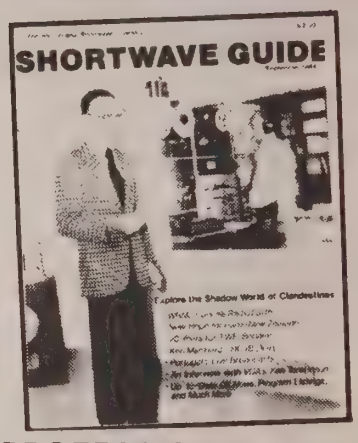


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12) Kochi Broadc. Co. Ltd, 3-2-15, Hon-machi, Kochi 780—Pres: T. Fujita—24h.
13) Yamagata Broadc. Co, 2-5 Hatago-machi, Yamagatashi, Yamagata 990—Pres: Y. Hattori—24h. **V.** Re. not wanted (JOEF Yamagata, JOEL Tsuruoka).
14) Akita Broadc. Syst, 7-4-2 Sannoo, Akita 010—Gen. Mgr: H. Kudoo. St. Mgr: M. Ooba. Chief Eng: T. Watanabe—W 2100-2000, Sun 2100-1600. **N:** on the h. exc. 1500. **V.** by QSL-card.
15) Yamaguchi Broadc. Co, Koenku, Tokuyama, Yamaguchi 745—Pres: K. Nomura—2055-1630 (Sun 1600). **V.** by QSL-card.
16) Tokyo Broadc. Syst, 3-6 Akasaka 5-chome, Minato-ku, Tokyo 107—Pres: Y. Yamanishi. Dir. Tec: S. Tsuchida—W 24h; Sun 2000-1500. **N:** on the h. **DX-Prgr:** "BCL Jockey"(in Japanese): Mon-Fri 0645-0700. **V.** by QSL-card. Rec. acc. Rp.
17) Asahi Broadc. Corp, 2 Minami 2-chome, Ooyodo-cho, Ooyodo-ku, Osaka 531. Pres: K. Hara. Dir Tec: H. Kimura. Dir: S. Fuji—24h. **N:** every h on the h 2000-2400, 0200-0900, 1300, 1400. **V.** by QSL-card.
19) Chubu-Nippon Broadc. Co, 1-2-8 Shinsakaemachi, Nakaku, Nagoya 460—Pres: T. Kunieda. Dir. Tec: T. Yohoi—24h. **N:** Hourly 2100-0500, 0700-0900 & 1300-1700. **V.** by QSL-card. **F.PL:** May switch to FM.
20) Nagasaki Broadc. Co. P.O. Box 50, Nagasaki Central 850—Pres: Y. Suzuki. St. Mgr: A. Kagara. Dir. Tec: M. Yoshihara—24h (exc. Sun 1605-2000). **N:** on the h. **V.** by QSL-card (JOMF Sasebo, JOUO Saga, JOUR Nagasaki; 1431kHz = Gotoh).
21) Miyazaki Broadc. Co, 858 Shimo-Kitakata-cho, Miyazaki 880—Pres: M. Ozawa. 2000-1800 (Sun 1515). **V.** by QSL-card.
22) Oita Broadc. Sce, 3-1-1 Imazuru, Oita 870—Pres: K. Ueki—2030-1800 (Sun 1505). **V.** by QSL-card.
23) F. Fukushima Broadc. Co, 13-17 Otamachi, Fukushima 960—Pres: R. Kobari. Vice-Pres: Y. Honda—2015-1615 (Sun 1600). **V.** by QSL-card (JOWO Kooriyama, JOWR Fukushima).
24) Minami-Nihon Broadc. Co, 5-25 Korai-cho, Kagoshima 890—Pres: T. Matsueda—1958-1553 (Sun 1527). **V.** by QSL-card.
25) Kinki Broadc. Syst, Kamichojamashi, Karasuma-Ichijyo Sagaru, Kamigyoku, Kyoto 604—Gen. Mgr: E. Shiraishi. St. Mgr: H. Uchida—24h. **N:** Every 10 min's to the hour. **V.** by QSL -card.
26) Hokuriku Broadc. Co, 3-2-1 Honda-cho, Kanazawashi, Ishikawa 920—Pres: I. Saga—24h. **V.** by QSL-card.
27) Nankai Broadc. Co, 6-24, Dogohimata, Matsuyama 790 91—Pres: K. Kadota. St. Mgr: S. Tanaka. Chief Eng: E. Onishi—24h. **V.** Re. not wanted.
28) Broadc. System of Niigata, 3-18 Kawagishi-cho, Niigatashi, Niigata 951—Pres: S. Shimuzu—24h. **N:** hourly 2150-0750 & 0900, 0920, 1250. **V.** by QSL-card.
29) Nippon Cultural Broadc. Co, 1-5 Wakaba, Shinjukuku, Tokyo 160—Pres: M. Iwamoto. Vice Pres: K. Kobayashi—24h. **N:** on the h. **V.** by QSL-card.
30) R.K.B. Mainichi Broadc. Corp, 4-1-10 Watanabe Dori, Chiyuoku, Fukuoka 810—Pres: K. Kobayashi. Gen. Mgr: K. Kimoto. Dir. Tec: S. Karikita—24h.
31) Kumamoto Broadc. Co., 30 Yamasaki-Machi, Kumamoto-shi, Kumamoto 860—Pres: S. Mizuno. Chief Eng: Y. Tominaga—24h. **V.** by QSL-card.
32) Ibaraki Broadc. Syst, 2-14 Kitami-cho, Mito-shi, Ibaraki 310—Pres: S. Kusano, Dir. Tec: H. Sugimoto—2000-1505. **N:** on the h.
33) Mainichi Broadc. Syst, 1-1 Senriokakita, Suita, Osaka 565—Pres. & Gen. Mgr: K. Takagi. Chief Eng: T. Fukuda. Mon-Fri 24h, Sat 22h, Sun 20h. **N:** on the h. **V.** by QSL-card. Rec. Acc.
34) Aomori Broadc. Corp, 72 Fukuda, Matsumori, Aomorishi, Aomori 030—Pres: Sei Onuma. Dir. Tec: S. Machida—24h. **N:** 2100, 2200, 2300, 0200, 0300, 0400, 0500, 0900, 1255. **V.** by QSL-card.
35) Nippon Broadc. Syst. Inc, 1-9-3 Chome, Yurakucho, Chiyodaku, Tokyo 100—Gen. Mgr: T. Ishida. St. Mgr: M. Hazama. Chief Eng: M. Nakamae—24h (exc. Sun 1630-2000). **N:** on the h. **V.** by QSL-card.
36) Sapporo TV Broadc. Co, Kita Ichijo, Nishi 8-1-1, Chuo-ku, Sapporo, Hokkaido 060—Pres: T. Yamamoto—24h. (1197 = Nayori, 1458 = Tomakomai). **V.** by QSL-card.
37) Tohoku Broadc. Co, 26-1, Kasumi-cho, Yagiyama, Sendai 982—Pres: K. Ichriki—24h. **V.** by QSL-card.
38) Shikoku Broadc. Co, 1-6 Saiwai-cho, Tokuyama 770—Pres: Y. Ishikawa—24h. **V.** by QSL-card.
39) Osaka Broadc. Co. Ltd, 2-4-9 Umeda Kitaku, Osaka 530—Gen. Mgr: H. Kobayashi. St. Mgr: K. Sudo. Chief Eng: I. Sekiguchi—24h (exc. Sun 1730-2000) **N:** on the h. **V.** by letter to Overseas Listeners. (Also owns KZOO Hawaii).
40) Tokai Broadc. Co, 1-14-27 Higashi-zakura, Higashi-ku, Nagoya 461—Pres: M. Minami—24h. **V.** by QSL-card.
41) Chugoku Broadc. Co. Ltd. 21-3 Motomachi Nakaku, Hiroshima 730—Pres: M. Yamamoto. Gen. Mgr: I. Iwasaki. Chief Eng: K. Kosaki. 24h (exc. Sun 20h). **N:** On the half h. (1458 = Shoubara).
42) Shizuoka Broadc. Syst, 3-1-1 Toro, Shizuoka-shi, Shizuoka 422—Gen. Mgr: M. Oishi. St. Mgr: K. Imai. Dir Tec: Y. Katuse—2125-1600 (Sat/Sun 1520). **N:** 2130, 2300, 0245, 0655, 0900, 1155, 1355. **V.** by QSL-card.
43) R.F. Radio Nippon Co. Ltd, 19 Oimatsu-cho, Nishi-ku, Yokohamashi, Kanagawa 220—Pres: K. Toyama. Man. Dir: H. Komamura. Chief Eng: Z. Kondo—24h (exc. Sun 1600-2000). **N:** on the h. **V.** by QSL-card.
44) Wakayama Broadc. System, 3-15, Minato-honmachi, Wakayama—Pres: T. Seki—2030-1630. **V.** by QSL-card.
45) Gifu Broadc. Syst, 8 Imakomachi, Gifu-shi, Gifu 500—Pres: M. Sugiyama—2000-1530. **V.** by QSL-card.
46) Nishi-Nippon Broadc. Co, 8-15 Marounouchi, Takamatsushi, Kagawa 760—Pres: T. Suzuki—24h (1233 = Marugame). **V.** by QSL-card.
47) Sanyo Broadc. Co, 2-1-3 Marunouchi, Okayama-shi, Okayama 700—Pres: S. Kochiyama—24h. **V.** by QSL-card.
48) R. Tochigi Co, 12-11 Honcho, Utsunomiya-shi, Tochigi 320—Gen. Mgr: T. Fukushima. St. Mgr: M. Nozumi. Dir Tec: T. Nakano—2100-1400. **N:** on the half h. **V.** by QSL-card.
49) **Nihon Shortwave Broadc. Co. Ltd. (R. Tanpa)**

| Call | kHz | kW | Prgr. | Call | kHz | kW | Prgr. |
|---|---|---|---|---|---|---|---|
| JOZ | 3925 | 50 | I | JOZ6 | 6115 | 10d | II |
| JOZ4 | *3925 | 10d | I | JOZ3 | 9595 | 50 | I |
| JOZ5 | 3945 | 10 | II | JOZ7 | 9760 | 50 | II |
| JOZ2 | 6055 | 50 | I | | | | |

*) Sapporo; others Chiba (Tokyo).
**ADDR:** 1-9-15 Akasaka Minato-ku, Tokyo 107. **Te:** (03) 583-8151—Pres: A. Kojima. Chief Eng: K. Sudo.
**1st Prgr:** 2045-2030 (Sat/Sun 1700) on 3925/6055/9595kHz; 2045-2300, 0750-2030 (Sat/Sun 1700) on 3925kHz (Sapporo).
**2nd Prgr:** 2300-0900 on 3945/6115/9760kHz.
**INT-SIG:** Slow Tempo chime with Japanese instrument "Koto" at sign on and sign off—**V.** by QSL-card. Rp.

**COMMERCIAL FM STATIONS**
(Japanese FM-channels: 76-90MHz)

| Call | MHz | kW | |
|---|---|---|---|
| 1)JOJU | 77.1 | 5 | Sendai FM-Broadc. Inc, Sendai |
| 2)JOGU | 78.2 | 1 | Hiroshima FM-Broadc. Co, Hiroshima |
| 3)JOKU | 79.2 | 1 | Shizuoka FM-Broadc. Co, Hamamatsu |
| 4)JOHU | 79.5 | 1 | FMN Co. Ltd, Nagasaki. |
| 5)JOEU | 79.7 | 1 | FM Ehime Broadc. Co. |
| 6)JOAU | 80.0 | 10 | Tokyo FM-Broadc. Co, Tokyo |
| 7)JOFU | 80.4 | 5 | Hokkaido FM-Broadc. Co, Sapporo |
| 8)JOCU | 80.7 | 10 | FM-Aichi Broadc. Co, Nagoya |
| 9)JODU | 80.7 | 3 | Fukuoka FM Broadc. Co., Fukuoka |
| 10)JOBU | 85.1 | 10 | Osaka FM Broadc. Co, Osaka |

**Addresses and other information:**
1) 2-10-8, Honmachi, Sendai — Pres: K. Ise.
2) 1-8-2, Minamimachi, Hiroshima — Pres: K. Matsuda.
3) 321, Tamachi, Hamamatsu — Pres: S. Kawai.
4) 5-5, Sakaemachi, Nagasaki — Pres: T. Nakazawa.
5) 617-3, Fujiwara-cho, Matsuyama — Pres: T. Kiyasu.
6) 2-3-2, Nishi-Shinjuku, Shinjuku-ku, Tokyo 160 — Pres: K. Ohno. Exec. Dir: R. Tsuda. Man. Dir: K. Fujita — 2000-1900 (continuous Fri 2000-Sun 1900). Prgrs. in Japanese/**English. N.** 5 mins to the h — **V.** by QSL-card.
7) 1-2, Kitaichijo-nishi, Chuo-ku, Sapporo — Pres: N. Tatebe.
8) 10-19, Sakae 2-chome, Naka-ku Nagoya, Aichi 460 — Pres: S. Kondo. 2100-1705 (Sun 1805). **V.** by QSL-card.
9) Watanabedori 2-1-82, Chuo-ku, Fukuoka 810 — Pres: I. Kiyomi — 2005-1720 (Sat 1705, Sun 1635). **V.** by QSL-card.
10) Nakanoshima 3-2-4, Kita-ku, Osaka 530 — Pres: M. Yamada — 2100-1800 (Sun 1630). **V.** by QSL-card.

**FAR EAST NETWORK (AFRTS)**
The network serves the members of the US forces. The St's in Japan broadcast by authority of Commander, US Forces, Japan in cooperation with the Japanese Radio Regulatory Bureau. St's are linked by land line and microwave.
**ADDR:** Headquarters, Air Force Pacific Broadc. Squadron (AFPBS), APO, San Francisco 96328. **Te:** Tokyo (0425) 52-2511 Ext 5-2361.
**L.P:** Commander: Edward N. Neunherz, Major, USAF; Operations Officer: Robert R. Ross, Capt. USMC; Dir. of Engineering: Robert H. Taplin.

| Mediumwaves | kHz | kW | | kHz | kW |
|---|---|---|---|---|---|
| Naha | 648 | 10 | Misawa | 1575 | 0.25 |
| Tokyo | 810 | 50 | Iwakuni | 1575 | 1 |
| Sasebo | 1575 | 0.25 | | | |

**FM:** Okinawa 89.1MHz 6kW.
**SHORTWAVES** (Tokyo) (G.C: 139.73E/35.46N): 3910/6155/11750/15260kHz: 10kW — Power and direction vary acc. to requirements for rebroadcast by AFRTS st's in Japan, Korea, Okinawa, Philippines.
**D.PRGR:** 24h. **N:** on the h.
**Local prgrs:** Mon-Fri 1505-1700, 2105-2330, 0205-0300, 0705-0800; Sat 1505-1700, 2105-2330, 0805-0900, 1405-1500; Sun 2305-0100, 0705-0900, 1005-1200. All music prgr. on 3910/6155kHz: 2100-1400.
**ANN:** on the h: "This is the Far East Network, Tokyo (Misawa etc.)"
**V.** by QSL-card — **PUB:** Master schedule quarterly.

## KAMPUCHEA (People's Rep.)

**L.T:** UTC + 7h — **Pr.L:** Cambodian (Khmer).
**E.C:** a/c 50, 120/208 or 220V (no).

### VOICE OF THE PEOPLE OF KAMPUCHEA (Gov.)

**ADDR:** 28 Av. Sandech Choun Nath, Phnom-Penh (via Hanoi, Vietnam).
**L.P:** Head of External Sce's: Miss Som Kim Suor.
**STATIONS** (G.C: 104.51E/11.34N): Powers unknown.

| kHz | kHz | kHz | kHz | kHz | kHz |
|---|---|---|---|---|---|
| 917 | 1360 | 6090v | 7008v | 9695 | 11938 |

**HOME SCE** in Cambodian: 2300-2400 (Sun 0130) on 917/6090/7008kHz; 0400-0530 (Sun 0700) on 917/6090/7008/9695kHz; 1100-1400 (Sun 1430) on 917/6090/7008kHz. **N:** 2305, 0000 (Sun), 0405, 1105, 1230.
**EXT. SCE** on 1360/9695/11938kHz: **English:** 0000-0015, 1200-1215; **French:** 0015-0030, 1215-1230; **Thai:** 0030-0045, 1230-1245; **Laotian:** 0045-0100, 1245-1300; **Vietnamese:** 0100-0115, 1300-1315.
**ANN:** "Thini Phnom-Penh". E: "R. Phnom Penh" or "Voice of the Kampuchean People"—**V.** by letter.

## KOREA

## (Democratic People's Republic)

**L.T:** UTC + 9h — **Pr.L:** Korean.

### KOREAN CENTRAL BROADCASTING STATION
### Choso'n Chung-ang Pangsong

**ADDR:** Korean Central Broadcasting Committee, Pyongyang.
**NB:** All details below are based on monitoring reports.
**Mediumwaves** (C = Central Broadc. St, P = Pyongyang Broadc. St, R = Regional, E = Ext. Sce.)

| Location | kHz | kW | Prgr | | kHz | kW | Prgr |
|---|---|---|---|---|---|---|---|
| Kangnam | 657 | 1500 | P | Kaesŏng | 810 | 50 | C/R |
| Samgo' | 684 | 250 | P | Wo'nsan? | 819 | — | C/R |
| Ch'ŏngjin | 700 | 500 | C | Sangwŏn | 855 | 500 | P |
| Pyongyang | 720 | — | C/R | Shinŭiju | 860 | 250 | C/R |
| Shinsang | 730 | 100 | P | Wonsan | 877 | 250 | C |
| Unknown | 738 | — | E | Sariwŏn | 927 | 50 | C/R |
| Hyesan | 765 | 50 | C/R | Unknown | r945 | — | — |
| Ch'ŏngjin | 783 | 500 | P/E | Hamhŭng | 999 | 250 | C/R |
| Hwadae | 801 | 500 | P | Haeju | 1081 | 1500 | C/R |

**Shortwaves:** (all freqs variable)

| Location | kHz | Prgr | | kHz | Prgr |
|---|---|---|---|---|---|
| Hyesan | 2300 | C/R | Wo'nsan | 3030 | C/R |
| Sariwŏn | 2670 | C/R | Pyongyang | 3320 | P |
| Ch'ŏngjin | 2696 | C/R | Kanggye | 4272 | C/R |
| Shinŭiju | 2745 | C/R | Pyongyang | 6250 | P |
| Pyongsong | 2767 | C/R | Pyongyang | 6400 | P |
| Hamhŭng | 2775 | C/R | Pyongyang | 6600 | C |
| Pyongyang | 2850 | C | Pyongyang | 9665 | C |
| Pyongyang | 3015 | P/E | | | |

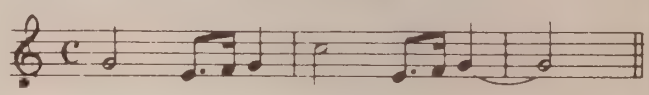
**HOME SCE: in Korean: Central Broadc. St. (C):** 1958-1800 on 783/877/2850/9665kHz; 2000-0842 & 1525-1800 on 6600kHz. Also rel by regional tr's (C/R): 1958-2230, 2300-0430, 0520-1100, 1110-1800. **Regional Prgrs (R):** 2230-2300, 0430-0520, 1100-1110 on all C/R freqs. **N:** 2100, 2200, 0100, 0300, 0400, 0500 (exc. regionals), 0700, 0800, 0900, 1200, 1300, 1500.
**EXTERNAL SCE. in Korean, Pyongyang Broadc. St. (P)** (beamed to So. Korea & Japan): 2000-1927 on 657/684/730/855kHz; 2000-0100 & 1500-1800 on 783kHz: 1100-1500 on 801kHz; **On Shortwaves: 3015kHz:** 2000-0900, 1530-1800; **3320kHz:** 2000-1800; **6250kHz:** 2000-0930, 1500-1800; **6400kHz:** 2000-1800. **N:** 2200, 2300, 0100, 0300-0900 on the h, 1100, 1300, 1500, 1600.

**EXTERNAL SERVICE (R. Pyongyang)**
I = Europe; II = Near & Middle East/Africa; III = S.E. Asia; IV = Latin America; V = No. America; VI = Far East; VII = Japan.
**STATIONS:** (Power on SW probably 120/240KW).

| kHz | kHz | kHz | kHz | kHz | kHz |
|---|---|---|---|---|---|
| 783 | 6576 | 9600 | 9750 | 11780 | 15230 |
| 3015 | 7230 | 9625 | 9760 | 11830 | 15245 |
| 3560 | 9360 | 9655 | 9765 | 11880 | 15305 |
| 6165 | 9505 | 9700 | 9977 | 11930 | 15340 |
| 6540 | 9560 | 9745 | 11660 | 11985 | 15375 |

| Arabic | Area | kHz |
|---|---|---|
| 0400-0550 | II | 9560, 11880, 15340 |
| 1600-1750 | II | 6165, 9560, 11985 |
| 2100-2250 | II | 9560, 9977, 11985 |
| **Chinese** | | |
| 2300-0050 | VI | 7230, 9600, 11830 |
| 0600-0750 | VI | 9765, 11830, 15230 |
| 1100-1250 | VI | 11830, 11880, 15305 |
| **English** | | |
| 0600-0750 | I | 9360, 11660, 11985 |
| 0800-0950 | III | 9765, 11830, 15245, 15340 |
| 1100-1250 | IV/V | 9745, 9977 |
| 1300-1450 | III | 11880, 15340 |
| 1500-1650 | II | 9625, 9977, 11880 |
| 1700-1850 | II | 9625, 9977, 11880 |
| 2000-2150 | I | 6576, 9360, 11660 |
| 2300-0050 | IV/V | 9745, 15230 |
| **French** | | |
| 0400-0550 | I | 9360, 11660, 11985 |
| 0600-0750 | II | 9560, 11880, 15340 |
| 0800-0950 | III | 11880, 15230, 15305 |
| 1300-1450 | III | 11830, 15305 |
| 1700-1850 | I | 6576, 9360, 9760, 11660 |
| 1900-2050 | II | 6165, 9560, 11985 |
| **German** | | |
| 1900-1950 | I | 6576, 9360, 11660 |
| **Japanese** | | |
| 2100-2250 | VII | 783, 3015, 9505, 9600, 11780 |
| 0400-0550 | VII | 783, 3560, 9505, 11780, 11830 |
| 0900-1455 | VII | 783, 3015, 6540 |
| **Korean** | | |
| 1000-1050 | III | 9560, 9700, 9745, 9977, 11830, 11880, 15305 |
| 1500-1550 | II | 9750, 11830, 15230 |
| 1800-1850 | II | 6165, 9560, 11985 |
| 1900-1950 | I/II | 9625, 9977, 11880 |
| 2000-2050 | I | 9625, 9977, 11880 |
| 2200-2250 | III/IV | 6576, 7230, 9360, 11660, 11830 |
| **Russian** | | |
| 0800-0950 | VI | 9560, 9745 |
| 1500-1650 | I | 6576, 9360, 11660 |
| **Spanish** | | |
| 1100-1250 | IV | 9560, 9700 |
| 1300-1450 | IV | 9560, 9745 |
| 2300-0050 | IV | 11930, 15340 |

**ANN:** E: "This is the Korean Central Broadc. Station in Pyongyang" or "This is Radio Pyongyang"
**V.** by QSL-card — **PUB:** "Radio Pyongyang" upon request.
**INT-SIG:** "Song of General Kim Il Sung".



**ANN:** "Yo'ginu'n Choson Chung-ang Pangsong imnida".

**Information concerning the new spellings of Korean place names was kindly supplied by our collaborator Bill Harms.**

# KOREA (Republic of)

**L.T:** UTC + 9h — **Pr.L:** Korean — **E.C:** a/c 60, 100V.

## MINISTRY OF COMMUNICATIONS

**ADDR:** Office of Regulatory, Seolin-Dong, Jongro-Gu, Seoul.
**Cable:** Ofiradio. **Telex:** K24972.
**L.P:** Dir. Gen: Nam-Hee, Park.

## KOREAN BROADCASTING SYSTEM (Public)

**ADDR:** 18, Yoido-dong, Youngdungpo-gu, Seoul.
**Te:** 7803-502. **Telex:** KBSKBK 24599. **Cable:** KBS, Seoul.
**L.P:** Pres: Won-Kong, Lee. Dep. Dir. Tech. Planning Div. & ABU/EBU Tech. Liaison Officer: Ik-Sup, Sim. Mgr. Int. Rel. Div. & ABU/EBU Prgr. Liaison Officer: Myung-Keun, Chang.
**STATIONS: Mediumwaves:** Call: HL.
**National Networks:** N1 = 1st Prgr; N2 = 2nd Prgr; SE = Social Education Prgr.
**Regional Networks:** 1) Ch'unch'ŏn; 2) Kangnu'ung; 3) So'-koch'o; 4) Wŏnju; 5) Yŏngwŏl; 6) Ch'ŏngju; 7) Taedeog; 8) Chŏnju; 9) Namwŏn; 10) Kunsan; 11) Kwangju; 12) Mokp'o; 13) Yŏsu; 14) Sunch'ŏn; 15) Taegu; 16) P'ohang; 17) Andong; 18) Pusan; 19) Masan; 20) Chinju; 21) Cheju.
RS = Radio Seoul (Capital City St.)

| N | Location | Call | kHz | kW | | Call | kHz | kW |
|---|---|---|---|---|---|---|---|---|
| 8) | Changsu | SN | 540 | 1 | 20) | Kŏch'ang | KW | 1026 | 1 |
| 7) | Hongsŭng | CZ | 540 | 10 | 1) | Hwach'ŏn | CG | 1026 | 1 |
| 11) | Changhŭng | SM | 540 | 1 | 16) | Taepo | CP | 1035 | 10 |
| 15) | Chŏmch'ŏn | SC | 540 | 1 | 6) | Chech'ŏn | CD | 1044 | 10 |
| N2) | Yŏngil | — | 558 | 250 | 2) | Samch'ŏk | CI | 1044 | 10 |
| 8) | Baegsan | KF | 567 | 100 | 6) | Ch'ŏngwŏn | KQ | 1062 | 50 |
| 14) | Sunch'ŏn | KZ | 576 | 1 | 6) | Ch'ungju | CH | 1089 | 10 |
| 17) | Yŏngju | AG | 594 | 10 | 20) | Chinju | CJ | 1098 | 20 |
| N2) | Namyang | SA | 603 | 500 | N1) | Kimp'o | — | 1134 | 10 |
| 2) | Hwangji | SJ | 621 | 10 | 4) | Wŏnju | CW | 1152 | 10 |
| 21) | Sŏguipo | CF | 621 | 10 | SE) | Kimjae | SR | 1170 | 500 |
| 6) | Yŏngdong | AY | 621 | 1 | 5) | Chŏngsŏn | SW | 1206 | 1 |
| 1) | Inje | SE | 630 | 5 | 17) | Ch'ŏngsong | QR | 1206 | 1 |
| 13) | Sinwŏl | CY | 630 | 10 | 11) | Toch'ŏn | AA | 1224 | 20 |
| N2) | Sihŭng | KC | 639 | 50 | 5) | P'yŏng-ch'ang | CC | 1233 | 1 |
| 11) | P'osŏng | SL | 648 | 1 | 17) | Yŏngyang | QG | 1233 | 1 |
| 1) | Sanong | KM | 657 | 50 | 9) | Kunsan | KL | 1260 | 10 |
| 10) | Taeya | AS | 675 | 10 | N1) | Yangju | — | 1269 | 10 |
| 4) | Chinbu | QX | 675 | 1 | 11) | Kurye | SI | 1269 | 1 |
| N1) | Sorae | KA | 711 | 500 | 20) | Hapch'ŏn | QV | 1278 | 1 |
| 15) | Kyŏngsan | KG | 738 | 100 | 16) | Uljin | SV | 1305 | 10 |
| 11) | Bia | KH | 747 | 100 | 16) | Ullŭng | CU | 1323 | 1 |
| N1) | Suw'ŏn | SR | 756 | 100 | 11) | Yŏnggwang | QJ | 1323 | 1 |
| 5) | Yŏngwŏl | CV | 783 | 10 | 8) | Muju | KO | 1368 | 1 |
| RS) | Seoul | KJ | 792 | 50 | 1) | Ch'ŏlwŏn | CO | 1395 | 10 |
| 1) | Yanggu | SY | 846 | 5 | 18) | Ulsan | QB | 1449 | 10 |
| 2) | Kyŏngpo | KR | 864 | 100 | 20) | Hamyang | SH | 1458 | 1 |
| 7) | Taedŏg | KI | 882 | 20 | 17) | Ponghwa | ST | 1458 | 1 |
| 18) | Kimhae | KB | 891 | 250 | 12) | Yŏnggam | KN | 1467 | 50 |
| 15) | Kumi | QY | 909 | 10 | 7) | Kongju | QS | 1485 | 1 |
| N1) | Yŏnch'ŏn | — | 918 | 50 | 13) | Kohŭng | QU | 1485 | 1 |
| 7) | Puyŏ | QA | 927 | 1 | 15) | Kimch'ŏn | SK | 1503 | 1 |
| 20) | Hadong | SU | 927 | 1 | 21) | Kosan | QC | 1539 | 1 |
| 4) | Hongch'ŏn | QD | 927 | 1 | 6) | Tanyang | DK | 1584 | 1 |
| 19) | Kapo | KD | 936 | 10 | 20) | Sanch'ŏng | — | 1584 | 1 |
| 6) | Poŭn | QW | 945 | 10 | 7) | Kŭmsan | QZ | 1584 | 1 |
| 21) | Ara | KS | 963 | 10 | 5) | Sabuk | QE | 1602 | 1 |
| 17) | Andong | CR | 963 | 10 | | | | | |
| SE) | Tangjin | CA | 972 + | | +) 1500kW. | | | | |
| 3) | Yangyang | CS | 1008 | 50 | | | | | |

**Shortwaves:** Suw'ŏn (G.C: 127.01E/37.16N): HLK51 3930kHz 5kW, HLK31 6015kHz 50kW, HLK34 6135kHz 10kW.
**HOME SERVICE: 1st Prgr:** 2000-1500. Rel. Social Education prgr. 1500-2000. **Local N:** 2210, 0100, 0305 (Sun), 0315 (W), 0900, 1205. Broadcast on N1 freq's and 3930kHz and relayed by most regional st's.
**2nd Prgr:** 2000-1600. Rel. Social Education prgr. 1600-1800.
**English:** 1530-1600. Broadcast on N2 st's and relayed by a few regional st's. **N:** on the h. (exc. 0000 & 1400).
**Social Education Prgr. 1** (For No. Korea): 0355-2400 on 972kHz and 0800-2400 on 6015kHz.
**Social Education Prgr. 2:** 1000-0400 on 1170/6135kHz, including R. Korea prgr's.
**R. Seoul:** 2000-1600 on 792kHz. Rel. Social Education Prgr. 1600-1800.

**FM:** (MHz)

| Location | 1st Prgr. | Educ. Prgr. | Music Prgr. | kw |
|---|---|---|---|---|
| Kurye | 88.3 | | | 1 |
| Ullŭng | 89.3 | | | 0.25 |
| Ch'ŏngju | 89.9 | 104.1 | 100.3 | 1/3/3 |
| Yangpyung | 90.3 | | | 1 |
| Kwangju | 90.5 | 105.3 | 92.3 | 5 |
| Ulsan | 90.7 | 105.9 | 101.9 | 1/3/3 |
| Masan | 91.7 | 104.3 | 93.9 | 5/5/1 |
| Ponghwa | 92.1 | | | 1 |
| Hwangji | 93.7 | 107.1 | | 1/3 |
| Taejeon | 94.7 | 105.7 | 98.5 | 1/5/5 |
| Wŏnju | 95.5 | | | 1 |
| Yŏsu | 95.7 | 106.3 | 94.5 | 1/3/3 |
| P'ohang | 95.9 | 106.7 | 93.5 | 1/3/3 |
| Chŏnju | 96.9 | 106.9 | 100.7 | 5/3/5 |
| Pusan | 97.1 | 107.7 | 92.7 | 1/3/1 |
| Kangnu'ung | 98.9 | 104.9 | 89.1 | 1/3/5 |
| Cheju | 99.1 | 107.3 | 96.3 | 1/3/3 |
| Ch'unch'ŏn | 99.5 | 106.5 | 91.1 | 5 |
| Taegu | 101.3 | 105.1 | 89.7 | 5 |
| Seoul | 101.7 | 104.5 | 89.1 | 1/5/5 |
| | | | 93.1 | 10 |
| Chinju | | 104.7 | 102.5 | 3 |

## FOREIGN SERVICE (Radio Korea)

**MEDIUMWAVES:** See Home Sce.
**SHORTWAVES:** Suw'on (G.C: 127.01E/37.16N): *50kW, **10kW; others Gimje (G.C: 126.50E/35.50N) 250/100kW.

| kHz | kHz | kHz | kHz | kHz | kHz | kHz |
|---|---|---|---|---|---|---|
| 891 | 5975** | 6480 | 9570 | 9870 | 11810 | 15375 |
| 1170 | 6135** | 7275* | 9640 | 11725 | 11820 | 15575 |
| 1449 | 6175 | 7550 | 9750 | 11805 | | |

**Areas:** I = Europe; II = No. American & Latin American Sce; III = South American Sce; IV = No. American Sce; V = Middle East & No. African Sce; VI = South Asian Sce; VII = omnidirectional sce.

| Arabic | Area | kHz |
|---|---|---|
| 1615-1700 | V | 6480 |
| | V | 7550 |
| 1900-1945 | V | 6480 |
| | V | 7550 |
| | V | 11810 |
| **English** | | |
| 0145-0245 | II | 11810 |
| | II | 15575 |
| 0330-0430 | II | 9570 |
| | I | 11820 |
| | I | 15575 |
| 1100-1200 | VII | 7275 |
| | V | 15575 |
| 1300-1330 | VII | 6135 |
| | | 1170 |
| 1400-1500 | IV | 15575 |
| | VI | 9570 |
| | IV | 9750 |
| 1600-1700 | VII | 5975 |
| | I | 9870 |
| | V | 11810 |
| 1800-1900 | VII | 5975 |
| | I | 15575 |
| 2200-2300 | V | 6480 |
| | V | 7550 |
| | I | 15575 |
| **French** | | |
| 1945-2030 | VII | 5975 |
| | I | 15575 |
| | V | 6480 |
| | V | 7550 |
| | V | 9870 |
| 0430-0515 | I | 15575 |
| | I | 11820 |
| 1200-1245 | V | 15575 |
| **German** | | |
| 1900-1945 | I | 9870 |
| 2115-2200 | V | 6480 |
| | V | 7550 |
| | I | 15575 |
| 0515-0600 | I | 11820 |
| | I | 15575 |

| Indonesian | Area | kHz |
|---|---|---|
| 2245-2330 | VII | 7275 |
| | VI | 9640 |
| | VII | 15375 |
| 1345-1430 | VII | 6175 |
| | VII | 7275 |
| | VII | 11805 |
| **Japanese** | | |
| 1500-1600 | VII | 891 |
| | | 1449 |
| 2030-2100 | VII | 5975 |
| 2100-2300 | VII | 5975 |
| 0000-0200 | VII | 9640 |
| 0100-0130 | VII | 5975 |
| 0230-0300 | VII | 7275 |
| 0700-0900 | VII | 5975 |
| | VII | 7275 |
| 0930-1000 | VII | 5975 |
| 1030-1100 | VII | 5975 |
| 1100-1300 | VII | 6135 |
| | VII | 6175 |
| | VII | 1170 |
| **Korean** | | |
| 1500-1600 | VII | 7275 |
| | IV | 15575 |
| | V | 6480 |
| | V | 7550 |
| | I | 9870 |
| | III/V | 11810 |
| 2300-0100 | VII | 5975 |
| 0045-0145 | V | 6480 |
| 0230-0330 | IV | 9570 |
| 1000-1100 | VII | 6135 |
| | VII | 1170 |
| 0900-1100 | VII | 6175 |
| | VII | 5975 |
| | VII | 15575 |
| 1200-1400 | VI | 9570 |
| | IV | 9750 |
| **Portuguese** | | |
| 2115-2145 | I | 9870 |
| 2245-2315 | V | 7550 |
| | I | 15575 |

| Portuguese | Area | kHz |
|---|---|---|
| 0030-0100 | II | 11810 |
| | II | 15575 |
| 0900-0930 | III | 9570 |
| | III | 11725 |
| **Russian** | | |
| 1900-1930 | VII | 1170 |
| | V | 6135 |
| 1900-1945 | VII | 5975 |
| | I | 15575 |
| 2030-2115 | VII | 15375 |
| | VII | 7275 |
| | I | 15575 |
| **Spanish** | | |
| 2030-2115 | V | 6480 |
| | V | 7550 |
| | I | 9870 |
| 0100-0145 | II | 11810 |
| | II | 15575 |
| 0930-1015 | III | 9570 |
| | III | 11725 |
| **Standard Chinese** | | |
| 1300-1345 | VII | 6175 |
| | VII | 7275 |
| | VII | 11805 |
| 1330-1400 | VII | 1170 |
| | | 6135 |
| 1430-1500 | VII | 6175 |

| Standard Chinese | | kHz |
|---|---|---|
| 1930-2000 | VII | 1170 |
| | VII | 6135 |
| 2200-2245 | VII | 7275 |
| | VI | 9640 |
| | VII | 15375 |
| 0000-0045 | V | 6480 |
| **World News Sce. (Korean/English)** | | |
| 0000-0230 | VII | 7275 |
| 0300-0700 | VII | 7275 |
| 0800-0900 | III | 9570 |
| 0900-0930 | VII | 7275 |
| 1000-1100 | VII | 7275 |
| 1200-1230 | VII | 7275 |
| 1230-1300 | VII | 7275 |
| | | 11805 |
| 1330-1400 | IV | 15575 |
| 1430-1500 | VII | 7275 |
| | VII | 11805 |
| 1700-1800 | VII | 5975 |
| | I | 15575 |
| 2000-2030 | VII | 7275 |
| 2330-2400 | V | 6480 |
| | VII | 7275 |
| | V | 7550 |
| | I | 15575 |

**ANN:** Korean: 'Yeo reo bun an-yeoung ha sim ni gga. Ji geum bu teo sam sib bun dongan yeoung-eo bang-song eul bonae der ri get sseum nida'. E: 'This is Radio Korea, the Overseas Sce. of the Korean Broadc. System, coming to you in English from Seoul, the capital of the Republic of Korea'.
**INT-SIG:** Foreign Sce: Korean Folk music played as 'Signal Music for Foreign Broadcasting' with orchestra. **V.** by QSL-card.
**PUB:** Prgr. schedules, pennant, folder, KBS Handbook (English), KBS (illustrated), KBS Information Sce.

### OTHER STATIONS

**Mediumwaves:** Call: HL.

| | Call | kHz | kW | St. and h. of tr. |
|---|---|---|---|---|
| 2) | CQ | 765 | 10 | MBC, Taejeon: 2000-1620 |
| 1) | AJ | 774 | 10 | MBC Cheju: 2000-1620 |
| 16) | AN | 774 | 10 | MBC Ch'unch'ŏn: 2000-1640 |
| 22) | CT | 810 | 20 | MBC Taegu: 2000-1700 |
| 2) | CN | 819 | 20 | MBC Kwangju: 2000-1630 |
| 3) | KY | 837 | 50 | CBS Seoul: 2000-1700 |
| 4) | AU | 846 | 10 | MBC Ulsan: 2000-1620 |
| 24) | CX | 855 | 10 | MBC Chŏnju: 2000-1620 |
| 2) | KV | 900 | 50 | MBC Seoul: 2000-1700 |
| 5) | AP | 990 | 10 | MBC Masan: 2000-1640 |
| 25) | CL | 999 | 10 | CBS Kwangju: 2000-1530 |
| 6) | AW | 1017 | 10 | MBC Andong: 2000-1600 |
| 7) | AT | 1080 | 10 | MBC Yŏsu: 2000-1620 |
| 19) | AV | 1107 | 10 | MBC P'ohang: 2000-1620 |
| 8) | KU | 1161 | 20 | MBC Pusan: 2000-1700 |
| 9) | KX | 1188 | 50 | FEBC: 2030-0400, 0700-1500 |
| 12) | AK | 1215 | 10 | MBC Chinju: 2000-1545 |
| 21) | SB | 1242 | 10 | MBC Wŏnju: 2000-1620 |
| 26) | KT | 1251 | 10 | CBS Taegu: 2000-1500 |
| 10) | AX | 1287 | 1 | MBC Ch'ŏngju: 1900-1620 |
| 11) | AF | 1287 | 10 | MBC Kangnŭng: 2000-1620 |
| 27) | CM | 1314 | 10 | CBS Iri: 2000-1500 |
| 13) | AO | 1332 | 10 | MBC Ch'ungju: 2000-1620 |
| 14) | AQ | 1350 | 1 | MBC Samch'ŏk: 2000-1620 |
| 15) | AM | 1386 | 10 | MBC Mokp'o: 2000-1620 |
| 28) | KP | 1404 | 10 | CBS Pusan: 2000-1530 |
| 18) | AZ | 1566 | 250 | Asia Broadc. Co., Cheju: 2000-2300, 1000-1800 |

**Shortwaves:**

| | | | |
|---|---|---|---|
| 17) | — | 3985 | Seoul: 2000-2100, 1400-1700 |

**FM Stations**

| | MHz | kW | | MHz | kW | | MHz | kW |
|---|---|---|---|---|---|---|---|---|
| 8) | 88.9 | 5 | 16) | 94.9 | 1 | 4) | 98.7 | 1 |
| 1) | 90.1 | 1 | 26) | 95.3 | 5 | 24) | 99.1 | 5 |
| 2) | 91.5 | 5 | 2) | 97.5 | 5 | 10) | 99.7 | 1 |
| 2) | 91.9 | 10 | 19) | 97.9 | 1 | 5) | 100.5 | 1 |

**Addresses and other information:**
MBC = Munhwa Broadc. Corp. (Comm.)
1) 321-22, Yŏn-dong, Cheju-shi, Cheju-do 590 — **V.** by QSL-card. Re. in English or Japanese.
2) 22, Chŏng-dong, Chung-gu, Seoul 100 — Pres: Lee. Woong-Hee. Exec. Man. Dir: Lee Soo-Jung. Head Int. Rel: Kim Young-Bok. **N:** every h on the h. **ANN:** "Yŏgineun Munhwa Pangsong imnida HLRV" — **V.** by QSL-card. Re. should be sent to resp. st's. Rp.
3) Christian Broadc. System, C.P.O. Box 2653, Seoul — Pres: Revd. Kim Kwan-Suk. Tec. Dir: Noh, Ik-Joong — **ANN:** "Yŏgineun Kidokkyo Pangsong imnida HLKY" — **V.** by letter. Rec. acc. (B).
4) 1265-5, Shinjŏng-dong, Ulsan-shi, kyŏng-sang-namdo 690.
5) 83-9, Sŏsŏng-dong, Masan 610.
6) 145-3, Nammun-dong, Andong 660.
7) 596-2, Kyo-do, Yŏsu-shi, Chŏlla-Namdo 542.
8) 88-11, Chungang-dong, 4-ga, Chung-gu, Pusan-shi 600.
9) FEBC Radio, CPO Box 5255, Seoul — St. Mgr: Billy Kim; Chief Eng: Myoung Ku Lee — Korean: 2030-0400, 0830-1230; **English:** 0700-0830; Russian: 1430-1500; Chinese: 1230-1430. **ANN:** "This is Far East Broadcasting Sce, HLKX" — **V.** by QSL-card or letter. Rec. acc. (B) — **FI:** By contributions and free will offerings.
10) 261-30, Uam-dong, Ch'ŏngju-shi, Ch'ungch'ŏng-pukdo 310.
11) Imdang Dong 85/8, Kangnŭng 210 — Pres: J.Y. Kim.
12) 47, P'yŏngan-dong, Chinju-shi, Kyŏngsang-Namdo 620.
13) 142, Sŏngnae-dong, Ch'ungju-shi, Ch'ungch'ŏng-pukdo 380.
14) 55-6, Namyang-ri, Samch'ŏk-up, Samch'ŏk kun, Kwangwŏn-do 240.
15) 1-111 Oŭi-dong z-ga, Mokp'o-shi, Chŏlla-namdo 580.
16) 238-3, Samch'on-dong, Ch'unch'ŏn-shi, Kangwon-do 200.
17) R. Echo of Hope, Seoul — Prgrs consist mainly of Old Korean Popular Songs to Koreans in Japan and North Korea.
**ANN:** 'Yŏgineun Hui-Mang Ui Meari Pangsong im ni da'.
18) CPO Box 3939, Seoul. **Te:** 393-1460. **Cable:** FEBCOM Seoul. **Telex:** K22031 — Gen. Mgr: Dr. Billy Kim; St. Eng: Myoung Ku Lee. Adm. Dir: Jack C. Lentz. **D.Prgr's:** Korean: 2000-2220; **English:** 2220-2230; Japanese: 1230-1345; Chinese: 1000-1230, 1345-1500; **Russian:** 1500-1800. **ANN:** Korean: "HLAZ Asia Pangsong" or "Yŏgineun Asia Pangsong im ni da" — **V.** by QSL-card (B). **FI:** Free will gifts & offerings.
19) 719-117, Taehŭng-dong, P'ohang-shi, Kyŏng-sang-Pukdo 680.
20) 33-1, Samsŏg-dong, Jung ku, Taegu — Gen. Mgr: K. Lee.
21) 232-1, Chungang-dong, Wŏnju-shi, Kangwŏn-do 220.
22) 1, Pŏmo-dong, Susŏng-gu, Taegu-shi 635.
23) 18, Kung-dong, Tong-gu, Kwangju-shi, Chŏlla-namdo 500.
24) 417-114, Chinbuk-dong, Chŏnju-shi, Chŏlla-bukdo 520.
25) Kwangju 500.
26) Taegu 635.
27) 128-3, 1-Ga, Namjung-dong, Iri 510.
28) Pusan 601.

### AMERICAN FORCES KOREA NETWORK

**ADDR:** Headquarters American Forces Korea Network, (HQ-AFKN), APO San Francisco, CA 96301, USA. **Te:** 293-6495/6.
**L.P:** Commanding Officer: Lt. Col. Zachary S. Fowler. Chief of Prod: Mr. James S. Randall.

| Mediumwaves | kHz | kW | | kHz | kW |
|---|---|---|---|---|---|
| Seoul[1] | 549 | 5 | Dongduch'on[2] | 1197 | 0.25 |
| Munsan[4] | 576 | 5 | Osan[3] | 1359 | 1 |
| Taegu[6] | 585 | 5 | Kunsan[7] | 1440 | 1 |
| Pusan[5] | 783 | 5 | Wŏnju | 1440 | 0.25 |
| Ch'unch'ŏn | 1044 | 1 | P'yŏngtaek | 1440 | 1 |
| Kwangju | 1152 | 0.25 | | | |

+ 4 low power st's on 1512kHz — 1) "Vagabond"; 2) "Tomahawk"; 3) "Comet"; 4) "Indianhead"; 5) "Homesteader"; 6) "Kilroy"; 7) "Mercury".
**FM:** Seoul 102.7MHz 5kW — Taegu 99.3MHz 1kW + 11 low power st's.
**D. PRGR:** 24h. **N.** on the h.
**ANN:** "This is the American Forces Korea Network". Local identification: "This is AFKN in Seoul", etc.
**V.** by QSL-card. Re. to Hqs. Rp.

## LAOS (People's Dem. Rep)

**L.T:** UTC + 7h — **Pr.L:** Lao Soung, Lao Theung
**E.C:** a/c 50, 127/220V (no).

### LAO NATIONAL RADIO (Gov.)

**ADDR:** B.P. 310, Vientiane. **Te:** 2457.
**L.P:** Dir. Gen: Boubane Vorakhoun. Dir. Tec: Bounthanh Inthasay. Dir. Foreign Rel: Somsanouk Mixay.

**STATIONS:** V = Vientiane (G.C: 102.38E/18.01N); HP = Houa Phan; LP = Louang Prabang; OX = Oudom Xay; P = Champassak/Pakse; S = Savannakhet; VX = Vieng Xay; XK = Xieng Khouang; FS = Foreign Sce from Vientiane.

| kHz | kW | St | Times |
|---|---|---|---|
| 580 | 150 | V | 2200-0230, 0400-0700, 0900-1600 |
| 640 | 10 | V | 2200-0230, 0400-0700, 0900-1600 |
| 1030 | 10 | FS | 2300-0130, 0400-0630, 1130-1400 |
| 1370 | 10 | P | 2300-0200, 0400-0600, 1000-1400 |
| 4285 | 1 | VX | 1000-1115 |
| 4653v | 1 | HP | 2300-0100, 0330-0530, 1000-1155, 1255-1425 |
| 5600v | 1 | XK | 2300-0100, 0400-0600, 1000-1400 |
| 6130 | 10 | V | 2200-0230, 0400-0700, 0900-1600 |
| 6700 | 1 | XK | 2300-0100, 0400-0600, 1000-1400 |
| 6858v | 1 | OX | 2300-0100, 1000-1300 |
| 6997v | 1 | LP | 2300-0200, 0400-0600, 1000-1400 |
| 7029 | 25 | FS | 2300-0130, 0400-0630, 1130-1400 |
| 7385v | 3 | S | 2230-0100, 0430-0600, 1100-1400 |

**FM:** Vientiane 97.5MHz 0.05kW (0200-0400, 0700-0900).
**ANN:** (Lao) "Thini Withayu heng Sat, kachai sieng chak Wianchan, nakhong-lwang khong sathalanalat pasatipatai pasason Lao" (This is the National R., Broadc. from Vientiane, capital of the People's Democratic Rep. of Laos). Houa Phan "Thini Withayu kachai siang heng Sat Houa Phan". Pakse: "Thini Wittanya Kachai siang heng Sat" "Ke Thai otaa Pakse" (Here is Ke Thai National Radio from Pakse).
**INT-SIG** (Vientiane): Music on Khéne (mouth organ) & Solo (instrument of bamboo).

**FOREIGN SERVICE** on 1030 & 7029kHz.

| | |
|---|---|
| **Cambodian:** | 0500-0530, 1230-1300, 0000-0030. |
| **English:** | 0600-0630, 1330-1400, 0100-0130. |
| **French:** | 0530-0600, 1300-1830, 0030-0100. |
| **Thai:** | 0400-0430, 1130-1200, 2300-2330. |
| **Vietnamese:** | 0430-0500, 1200-1230, 2330-2400. |

**V.** by letter.

## MACAU

**L.T:** UTC + 8h — **Pr.L:** Portuguese, Cantonese.
**E.C:** a/c 50, 110/220V.

### TELEDIFUSÃO DE MACAU

**ADDR:** Rua Francisco Xavier Pereira, 157-A, Macau.
**MEDIUMWAVES:** 900kHz 1kW — **FM:** 98.0MHz 1kW.
**D.PRGR:** 2300-1600. Cantonese on MW, Portuguese on FM.
**N. in Portuguese:** Mon-Fri 2300-0600 on the h, 0800, 1000, 1100, 1200; Sat 2300-1000 on the h, 1200; Sun 0500, 0600, 1100, 1200.
**Press Review:** W 1500.
**ANN:** P: "Rádio Macau"; Cantonese; "Ou Mun Tin T'oi".
**F.PL:** 2 Cantonese FM-Sce.

### EMISSORA VILA VERDE (Priv. Comm.)

**MEDIUMWAVES:** 735kHz 10kW — 858kHz (power unknown)
**FM:** 95.6MHz.
**HOME SCE. in Cantonese:** 2300-1600 (different prgrs on each freq)
**INT-SIG:** Chimes.

## MALAYSIA (Federation of)

### Peninsular Malaysia

**L.T:** UTC + 8h — **Pr.L:** Bahasa Malaysia, English, Chinese, Indian
**E.C:** a/c 50, 240V (yes).

### RADIO TELEVISION MALAYSIA — RTM (Gov.)

**ADDR:** Dept. of Broadc, Angkasapuri, Kuala Lumpur 22-10.
**Te:** 03-202366. **Cable:** Broadcasts Kuala Lumpur. **Telex:** MA30283 Kuala Lumpur.
**L.P:** Dir. Gen: Abdullah Mohamad. Dep. Dir. Gen. (Programming): Zain Mahmood. Dep. Dir. Gen. (Eng): Mohd Subhi Sayuti. Dep. Dir. Prgr: D. M. Ibrahim. Dir. N: S. P. Akhir. Dir. No. Reg: Yap Swee Chon. Dir. So. Reg: Abdul Ghani Latiff. Dir. Ea. Reg: Azhar Ahmad. Contr. Prgrs. (Radio): Ismail Hashim. Contr. Prgrs. Overseas Sces: Madame Wong Kim Pok. Head Secretariat: Tahir Ramli.

**MEDIUMWAVES:** JB = Johore Bharu; KL = Kuala Lumpur (Kajang); KB = Kota Bharu; KT = Kuala Trengganu; **Languages:** BM = Bahasa Malaysia; E = English; C = Chinese; I = Indian.

| Location | kHz | kW | Sce | | kHz | kW | Sce |
|---|---|---|---|---|---|---|---|
| Tronoh | 576 | 100 | BM | Penang | 864 | 10 | E |
| JB | 576 | 50 | BM | KL | 882 | 200 | E |
| KL | 594 | 200 | BM | JB | 945 | 50 | E |
| Batu Pahat | 603 | 10 | BM | Tronoh | 945 | 100 | E |
| Kangar | 612 | 10 | BM | Melaka | 1008 | 10 | BM |
| Segamat | 621 | 100 | BM | Segamat | 1017 | 100 | ? |
| Kuala Lipis | 648 | 20 | BM | Penang | 1035 | 10 | C/I |
| Penang | 666 | 20 | BM | Mersing | 1053 | 20 | BM |
| KB | 702 | 20 | BM | Kuantan | 1143 | 10 | ? |
| KL | 720 | 200 | C/I | Melaka | 1161 | 10 | E |
| KT | 765 | 10 | BM | JB | 1224 | 50 | C/I |
| S. Petani | 774 | 10 | BM | Tronoh | 1224 | 100 | C/I |
| Kuantan | 810 | 10 | BM | Dungun | 1260 | 5 | C/I |
| Ipoh | 837 | 10 | C/I | Melaka | 1278 | 10 | C/I |
| Jerantut | 846 | 10 | ? | Mersing | 1314 | 20 | C/I |

**FM:** Ibu Kota 97.2MHz 1kW; KL 95.0MHz 10kW (stereo).
**SHORTWAVES:** Kajang (G.C: 101.46E/03.01N); p) Penang (G.C: 100.19E/05.25N) — OS = Overseas Sce.

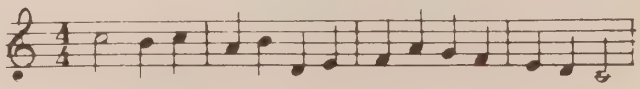
| kHz | kW | Sce | kHz | kW | Sce | kHz | kW | Sce |
|---|---|---|---|---|---|---|---|---|
| 4845 | 50 | I | 7200p | 10 | BM | 9710p | 10 | BM |
| 5965 | 100 | BM | 7295 | 100 | E | 9750 | 100 | OS |
| 6025 | 100 | C | 9515 | 100 | BM | 11900 | 100 | OS |
| 6100 | 100 | OS | 9665 | 100 | BM/C/E | 15295 | 500 | BM/OS |
| 6175 | 100 | OS | | | | | | |

**HOME SERVICES**
**Bahasa Malaysia:** 24h **N:** On the half h. exc. 1830, 2030, 0130, 0230, 0430, 0630, 1030. **Rel on SW:** 24h on 5965kHz; 0130-0930 on 7200kHz; 2100-1600 on 9515kHz; 2130-1630 on 9710kHz; 0200-0500 on 15295kHz (also in part on 9665kHz).
**English:** Mon-Fri 2200-0100, 0500-0600, 0900-1600; Sat 2200-0100, 0500-1600; Sun 2200-1600. **N:** 2230, 2300, 2400, 0530, 0930, 1130, 1230, 1330, 1530.
**Chinese:** Mon-Fri 2200-0130, 0300-0700, 0800-1600; Sat/Sun 2250-1600. **N:** 2230, 2300, 2330, 2400, 0030, 0400, 0445, 0505, 0909, 1135, 1230, 1330, 1400, 1530.
**Indian:** Mon-Fri 2100-0100, 0515-0600, 0800-1500; Sat 2100-0300, 0515-1500; Sun 2100-1500. **N:** 2200, 2330, 0530, 0900, 1115, 1230, 1330, 1430.
**Capital City Broadcasts:** On 97.2MHz: Bahasa Malaysia 2200-0100, 0500-1000. **N:** 2230, 2315, 2330, 0030, 0530, 0900, 0915. **English:** 1000-1100.
**FM-Stereo** on 95.0MHz: Bahasa Malaysia 0100-0600, 1300-1600. **N:** 0330, 0530, 1430, 1530.

**OVERSEAS SERVICE (Suara Malaysia — Voice of Malaysia)**
**ADDR:** P.O. Box 1074, Kuala Lumpur.
**MEDIUMWAVES:** Kota Kinabalu 1476kHz 700kW;
**SHORTWAVES:** See above.

| | | | |
|---|---|---|---|
| **Arabic** | **kHz** | **Filipino (Tagalog)** | **kHz** |
| 1530-1700 | 15295 | 1030-1300 | 1476 |
| **Bahasa Malaysia** | | **Indonesia** | |
| 0630-0830 | 6100 | 2200-2400 | 6100,6175,9750 |
| 0830-1025 | 15295 | 0900-1600 | 6175,9750 |
| 1700-1800 | 6175,9750,15295 | **Mandarin** | |
| **Burmese** | | 1030-1230 | 11900,15295 |
| 1430-1530 | 6100 | **Thai** | |
| **English** | | 1300-1430 | 6100 |
| 0555-0825 | 6175,9750,15295 | | |

**N. Arabic:** 1600. **Bahasa Malaysia:** 0915, 1725. **Burmese:** 1445. **English:** 0600, 0800. **Indonesian:** 2245, 2345, 0930, 1130, 1330.
**ANN:** Home Sce: BM "Inilah R. Malaysia". Overs. Sce: "Inilah Suara Malaysia". E: "This is the Voice of Malaysia" — **INT-SIG:** First bar of Nat. Anthem "Negara Ku" (Chimes).



**V.** by QSL-card. Rec. acc — **F.PL:** Additional languages Vietnamese, Lao, Khmer and Japanese have been approved for the Overseas Service.

### RAAF RADIO BUTTERWORTH (Mil.)

**ADDR:** RAAF Air Base, Butterworth, c/o GPO, Penang.
**Te:** 347666 Ext. 600.

**L.P:** Officer-in-Charge: Sqn. Ldr. B. J. Niblett. Secr: Mrs. Yeoh Pek Eim.
**STATION:** 1445kHz 1kW.
**D. PRGRS in English:** Sun-Thurs 2200-1530 (Fri/Sat 24h).
**Rel. R. Malaysia:** Mon-Fri 2330-0100, 0530-0540, 1530-1600; Sat 2200-2300; Sun 2200-0030, 1530-1600.
**Relay R. Australia** (Sport): Sat 0330-0700.
**N:** 2230, 2300, 0000 (RTM), 0200, 0400, 0530 (RTM), 0700, 1100, 1300, 1530 (RTM). **Wrp:** 2310.
**ANN:** "This is RAAF Butterworth, the Voice of the Royal Australian Air Force in Malaysia".

### SABAH

**L.T:** UTC + 8h — **Pr.L:** Bahasa Malaysia, English, Chinese + 4 local dialects — **E.C:** a/c 50, 230/400V (yes).

### RADIO TELEVISION MALAYSIA — KOTA KINABALU (Gov.)

**ADDR:** P.O. Box 1016, Kota Kinabalu. **Te:** 088-52711.
**Cable:** Broadcasts, Sabah. **Telex:** MA 80061 Kota Kinabalu.
**L.P:** Dir. of Broadc. (Sabah): Tamimuddin Karim. Chief Eng: V. Jeyasingam. Contr. Prgr (Radio): Wilfred Mojilis.
**STATIONS:** Kota Kinabalu (Tuaran) (G.C: 116.14E/06.12N). KK=Kota Kinabalu, LD=Lahad Datu, SM=Suara Malaysia (Overseas Sce).
**Languages:** BM=Bahasa Malaysia, E=English/Malay.

| Location | kHz | kW | L | | kHz | kW | L |
|---|---|---|---|---|---|---|---|
| Tenom | 567 | 10 | BM | Tawau | 927 | 10 | E |
| KK | 603 | 20 | BM | Kudat | 1017 | 10 | BM |
| LD | 675 | 10 | BM | Sandakan | 1080 | 10 | E |
| KK | 693 | 20 | E | Kudat | 1197 | 10 | E |
| Tawau | 747 | 10 | BM | KK | 1476 | 700 | SM |
| Tenom | 774 | 10 | BM | KK | 4970 | 10 | E |
| Sandakan | 783 | 10 | BM | KK | 5980 | 10 | E |
| LD | 828 | 10 | E | | | | |

**FM:** Layang-Layang 93.5MHz 100kW (E), 95.7MHz 100kW (BM).
**HOME SCE: Bahasa Malaysia:** 2200-1600. **N:** 2230*, 1230*, 1330, 1430* — *) Rel. Kuala Lumpur.
**English/Malay:** 2130-2400, 0900-1600. **English:** 1130-1600. **N:** 1200.
**ANN:** Bahasa Malaysia: "Inilah R. Malaysia Kota Kinabalu".
**INT-SIG:** Opens and closes with Nat. Anthem.
**V.** by QSL-card. Re. to Publicity Officer.

### SARAWAK

**L.T:** UTC + 8h — **Pr.L:** Bahasa Malaysia, English, Chinese and 6 local dialects — **E.C:** a/c 50, 230/400V (yes).

### RADIO TELEVISION MALAYSIA-SARAWAK (Gov.)

**ADDR:** Broadc. House, Jalan Satok, Kuching. **Te:** 082-53422.
**Cable:** Broadcast Kuching. **Telex:** MA70084, Kuching.
**L.P:** Dir. of Broadc. (Sarawak): Jaafar Kamin. Dep. Dir. (Adm): Chew Hock Guan. Dep. Dir. (Eng): Kho Kwang Khoon. Dep. Dir. (Prgrs): Rosli Ahmad. Contr. Prgrs: Affendie Tahir.
**STATIONS:** Kuching (G.C: 110.20E/01.33N) — Sibu (G.C: 111.49E/02.18N) — Limbang (G.C: 115.00E/04.45N) — Miri (G.C: 113.59E/04.23N).

| Location | kHz | kW | Netw. | Times |
|---|---|---|---|---|
| Kuching | 549 | 20 | Y | 2200-1600 |
| Miri | 576 | 20 | Y | 2200-1600 |
| Sibu | 621 | 20 | R | 2200-0100, 0330-0600, 0800-1600 |
| Limbang | 648 | 20 | Y | 2200-1600 |
| Kuching | 729 | 20 | R | 2200-0100, 0330-0600, 0800-1600 |
| Miri | 819 | 20 | R | 2200-0100, 0330-0600, 0800-1600 |
| Kuching | 846 | 10 | G | 2200-2300, 0400-0500, 1000-1500 |
| Limbang | 873 | 20 | R | 2200-0100, 0330-0600, 0800-1600 |
| Sibu | 909 | 20 | Y | 2200-1600 |
| Kuching | 954 | 10 | B | 2200-2400, 0400-0530, 1030-1500 |
| Sri Aman | 1044 | 20 | Y | 2200-1600 |
| Sibu | 1062 | 20 | G | 2200-2300, 0400-0500, 1000-1500 |
| Sri Aman | 1161 | 20 | R | 2200-0100, 0330-0600, 0800-1500 |
| Miri | 1206 | 20 | G | 2200-2300, 0400-0500, 0930-1500 |
| Miri | 3385 | 10 | G | 2200-2300, 0930-1500 |
| Kuching | 4835 | 10 | Y | 2200-0130, 0800-1600 |
| Kuching | 4895 | 10 | G | 2200-2300, 1000-1500 |
| Kuching | 4950 | 10 | R | 2200-0100, 0830-1600 |
| Sibu | 5005 | 10 | G | 2200-2300 (Sat 0200), 0400-0500, 1000-1500 |
| Kuching | 5030 | 10 | B | 2200-2400, 1030-1500 |
| Sibu | 6050 | 10 | G | 2200-2300, 0400-0500, 1000-1500 |
| Miri | 6060 | 10 | G | 0400-0500, 0930-1500 |
| Kuching | 7130 | 10 | B | 0400-0530 |
| Kuching | 7145 | 10 | Y | 2300-1445 |
| Kuching | 7160 | 10 | R | 2330-0100, 0330-0600, 0830-1445 |
| Kuching | 7270 | 10 | G | 0400-0500, 1000-1500 |

**HOME SCE: Kuching:** Y = Yellow Netw. in Bahasa Malaysia and Melanau*, R = Red Netw. in Chinese and English; G = Green Netw. in Iban; B = Blue Netw. in Bidayuh.
**Sibu:** Y = Yellow Netw. in Bahasa Malaysia and Melanau*; R = Red Netw. in Chinese and English; G = Green Netw. in Iban.
**Limbang:** Y = Yellow Netw. in Bahasa Malaysia and Melanau*; R = Red Netw. in Chinese, English , Iban, Bisaya and Murut.
**Miri:** Y = Yellow Netw. in Bahasa Malaysia and Melanau*; R = Red Netw. in English and Chinese; G = Green Netw. in Iban, Kayan and Kenyah —*) Sun 0600-0700.
**Sri Aman:** Y = Yellow Netw. in Bahasa Malaysia; R = Red Netw. in English, Chinese and Iban.
**ANN:** Bahasa Malaysia: "Inilah R. Malaysia (location)".
**INT-SIG:** A musical phrase (played on a native instrument, the Sape), alternating between A and F, followed by the National Anthem. Transmission closes with the National Anthem — **V.** by QSL-card (Miri/Sibu reply direct). Rp — **ALF:** M$ 24, - (TV & radio), M$ 12, - (mains radio), M$ 5-(car/battery radio) — **PUB:** Prgr. schedule (fortnightly).

## MALDIVES (Rep. of)

**L.T:** UTC + 5h — **Pr.L:** Dhivehi (Maldivian)

### VOICE OF MALDIVES (Gov.)

**ADDR:** "Moonlight Higun", Male', **Te:** 2841.
**L.P:** Dep. Dir. (Inf. & Broadc.): Mohamed Waheed. Asst. Dirs: Ibrahim Manik, Badrul Naseer. Chief Eng: Maizan Ahmed Manik.
**STATION:** 1458kHz 5kW.
**D.PRGR. in Dhivehi** (Maldivian): Sat-Thurs 0030-0315, 0800-1000, 1200-1730; Fri 0030-0500, 0700-1000, 1200-1730.
**English:** 1230-1315. **N:** 1300.
**ANN:** "Mee Dhivehi Raajjeyge Adu" — **V.** by QSL-card (B).

### MUSIC BROADCASTING CENTRE (Priv.)

**ADDR:** c/o Maizan Electronics, Male'.
**STATION:** 104.2MHz 70W max (stereo).
**D.PRGR:** 0200-0700, 0900-1200, 1700-2000. (times vary). Continuous music with occ. ann. in English.

## MONGOLIA (People's Rep.)

**L.T:** UTC + 8h (Su: UTC + 9h) — **Pr.L:** Mongolian.

### ULAN BATOR RADIO (Gov.)

**ADDR:** C.P.O. Box 365, Ulan Bator. **Cable:** Mongolian Radio.
**L.P:** Dir. Foreign Rel: B. Dagva. Dir. Foreign Sce: P. Sanduijav. Head English Dept: N. Tuvdennyam. Mail Editor: D. Enkbold.

| LONG & MEDIUMWAVES | kHz | kW | | kHz | kW |
|---|---|---|---|---|---|
| Ulgii | 209 | 60 | Murun | 882 | 150 |
| Dalanzadgad | 209 | 150 | Choibalsan | 882 | 75 |
| Choibalsan | 209 | 75 | Sainshand | 1223 | 5 |
| Ulan Bator | 227 | 150 | Dalanzadgad | 1350 | 150 |
| Altai | 227 | 150 | Unknown | 1395 | — |
| Altai | 882 | 150 | | | |

**FM:** 72.15MHz.

| SHORTWAVES | kHz | kW | | kHz | kW |
|---|---|---|---|---|---|
| Dalanzadgad | 3960 | 12 | Murun | 4895 | 12 |
| Ulan Bator | 4080 | 50 | Choibalsan | 4995 | 12 |
| Ulgii | 4750 | 12 | Ulan Bator | 5960 | 50 |
| Altai | 4830 | 12 | Ulan Bator | 6383 | 50 |
| Ulan Bator | 4850 | 100 | Ulan Bator | 7260 | 50 |
| Sainshand | 4865 | 12 | Ulan Bator | 11855 | 50 |

**HOME SCES in Mongolian:**
**Prgr. 1:** 2200-1600 on 882/1233/1350/1395/3960/4080/4830/4850/4865/4895/4995/7260/11855kHz + FM; 2200-1330 & 1500-1600 on 209/227/4750kHz. Rel. R. Moscow in Mongolian: 0600-0630, 0930-1000, 1200-1245. **Russian:** Tues/Fri 1130-1200. **Chinese:** Tues/Fri 0830-0900. **Kazakh:** 1330-1500 on 209/227/4750kHz.

**Prgr. 2:** 0830-1050 on 5960/6383kHz. Rel. R. Moscow in Mongolian: 1000-1030.

**EXTERNAL SERVICE**
**STATION:** (G.C: 107.00E/47.55N): 50/250kW.

| kHz | kHz | kHz | kHz | kHz | kHz |
|---|---|---|---|---|---|
| 9575 | 9615 | 12015 | 15305 | 17785 | 17790 |

**Areas:** I = Ea. & So. Ea. Asia, II = China, III = Africa.

| English | Area | kHz | Chinese | Area | kHz |
|---|---|---|---|---|---|
| 1200-1235W | I | 9615, 12015, 15305 | 1130-1200 | II | 9575, 9615 12015 |
| 1255-1330W } 1400-1435W } | I | 9575, 15305 17785 | 1330-1400 | II | 9575, 15305 |
| | | | 2100-2130 | II | 9615, 12015 |
| **French** | | | **Mongolian** | | |
| 1655-1725a | III | 17790 | 0950-1025 | II | 9615, 12015 |
| 1730-1800a | III | 9575 | 1055-1130 | | |
| a) Mon/Wed/Fri | | | 1445-1520 | | |
| **Chinese** | | | 2025-2130 | | |
| 1025-1055 | II | 9615, 12015 | | | |

**ANN:** "Ankarari Ulanbatras Jarsj Baina" (Attention: This is Ulan Bator Calling) — **V.** by QSL-folder. Rec. acc. (B).

## NEPAL

**L.T:** UTC + 5.40h — **Pr.L:** Nepali — **E.C:** a/c 50, 110/220V (no).

### RADIO NEPAL (Semi-Gov, Comm.)

**ADDR:** Radio Broadc. Sce. (Development Committee), P.O. Box 634, Singha Durbar, Kathmandu. **Te:** 15773. **Cable:** Radionepal.
**L.P:** Dir. Gen: B.P. Shah. Chief Editor: R. Pradhan. Chief Eng: K.B. Khatry. Studio Eng: M. Adikhary.
**MEDIUMWAVES:** Kathmandu (G.C: 85.18E/27.39N): 792kHz 100kW — Pokhara (G.C: 83.59E/28.13N): 684kHz 100kW.
**Standby tr's:** Khumaltar 792kHz 10kW, Jawalakhel 792kHz 1kW.
**SHORTWAVES:** Khumaltar (G.C: 85.20E/27.45N): 5005/7165kHz 100kW.
**Standby tr's:** Jawalakhel (G.C: 85.20E/27.39N) 5kW.
**HOME SCE: Channel I** on 684/792/5005kHz: 0020-0520, 0620-1020 & 1150-1720 (Sat continuous 0020-1720). **N:** 0120, 0250*, 0320, 0850, 1250*, 1350, 1620— *). regional N. **N. in English:** 0220, 1450.
**Channel II (Comm. Sce.)** on 7165kHz: 0150-0220, 0300-0320, 0620-1020, 1300-1350, 1420-1720. **N:** rel. Ch I.
**EXTERNAL SCE. in English:** 1050-1150 on all freq's.
**ANN:** Nepali: "Yo Radio Nepal Ho". E: "This is R. Nepal".
**INT-SIG:** Instruments used are conch shell, violin, piano and jal tarang — **V.** by QSL-card. Rp — **ALF:** Nepali rupees 10, -.

## PAKISTAN

**L.T:** UTC + 5h — **Pr.L:** Urdu — **E.C:** a/c 50, 230/400V(no).

### PAKISTAN BROADCASTING CORPORATION (Gov.)

**1st Addr** (Home & Ext. Sce): Broadcasting House, Constitution Avenue, Islamabad. **Cable:** DIGBROCAST.
**Telex:** 5816 PBCNO PK.
**L.P:** Dir. Gen: Q.A. Saeed. Dir. Adm. & Public Affairs: Siddique Ahmad Nagra. Dir. Prgr: Saleem A. Gilani. Eng. Mgr: Yar M. Khan. Contr. (Homes): M. Khaleeque. Contr. (Ext): Sajjad Tirmzi. Head of Training & Overseas Liaison & ABU Liaison Officer: Mansoor Tabish.

**MEDIUMWAVES**
**R** = Region; N = No. We. Frontier Province & northern tribal areas; F = Federal District of Islamabad; P = Punjab; S = Sind; B = Baluchistan.

| Station | kHz | kW | R | H. of tr. |
|---|---|---|---|---|
| Peshawar I | 540 | 300 | N | 0130-0430 (Fri 0815) 0600 (Fri 1000)-1800 |
| Islamabad | 585 | 1000 | F | 0130-0603, 0800 (Fri 1000)-1600, 1800-1900 |
| Lahore I | 630 | 100 | P | as 540kHz |
| Karachi II | 639 | 10 | S | 0230-0603 (Fri 0815), 1400-1900 |
| Quetta I | 756 | 150 | B | as 540kHz (exc. 1300-1430) |
| Karachi I | 828 | 100 | S | as 540kHz |
| Quetta II | 855 | 10 | B | 0230-0400 (Fri 0815) 0600 (Fri 1000)-1800 |
| Khairpur | 927 | 100 | S | 0600-1100 (Fri 0815) 1000-1100 (Fri), 1300-1600 |
| Hyderabad I | 1008 | 120 | S | as 540kHz |
| Multan | 1035 | 120 | P | as 540kHz |
| Lahore II | 1080 | 50 | P | 0200-0330 (Fri 0400), 1200-1700 |
| Hyderabad II | 1098 | 10 | S | 0600-1100 (Fri 0815), 1000-1100 (Fri), 1300-1630 |
| Rawalpindi | 1152 | 10 | P | as 540kHz |
| Bahawalpur | 1341 | 10 | P | 0830 (Fri 1000)-1800 |
| Peshawar II | 1377 | 10 | N | 1200-1715 |
| Dera Ismail Khan | 1404 | 10 | N | 0945-1600 |
| Gilgit | 1440 | 10 | N | 1000-1600 |
| Faisalabad | 1476 | 10 | P | 0130-0815 |
| Khuzdar | 1485 | 10 | B | 1100-1600 |
| Skardu | 1557 | 10 | N | 1000-1600 |
| Turbat | 1585 | 0.25 | B | 1100-1600 |

**FM:** Quetta 105.3/106.5MHz — Karachi 89.1/102.5MHz — Rawalpindi 104.0/107.1MHz — Lahore 102.0MHz.
**D.PRGR:** as above. **N. in English** (national): 0300, 1005, 1700.
**Languages used** (other than English/Urdu): **Karachi/Hyderabad/Khaipur:** Sindhi — **Quetta:** Pushto/Baluchi/Brahvi — **Lahore/Faisalabad:** Punjabi — **Rawalpindi:** Pothihari/Punjabi — **Peshawar:** Pushto/Hindhki/Chitrali — **Multan/Bahawalpur:** Punjabi/Seraiki — **Gilgit:** Sheena — **Skardu:** Balti — **Khuzdar/Turbat/Dera Ismail Khan:** Pushto.

**SHORTWAVES (HOME SERVICE)**
Karachi 10/50kW (G.C: 67.00E/24.55N); Islamabad 10/100kW (G.C: 73.12E/33.27N); Rawalpindi 10kW (G.C: 73.00E/33.30N); Peshawar 10kW (G.C: 71.30E/34.00N); Quetta 10kW (G.C: 67.00E/30.15N).

| Islamabad | Times | | Times |
|---|---|---|---|
| 5095 | 0045-0400 | 7090 | 1435-1700 |
| | 1400-1600 | 7290 | 0350-0400 |
| 5905 | 0045-0230 | | 0800-0830 |
| | 0250-0325 | 9545 | 0830-1000 |
| 6130 | 1145-1345 | 9645 | 0600-1130 |

**REGIONAL SERVICES**

| Karachi (10kW) | | Quetta (10kW) | |
|---|---|---|---|
| kHz | Times | kHz | Times |
| 4815 | 0230-0600 | 5980 | 0400-0815+ |
| | 1200-1900 | | 0600*-1045 |
| **Peshawar** (10kW) | | +) Fri only, *) Fri 1000. | |
| 4950 | 1300-1345 | **Balti Sce.** (100kW) | |
| | 1400-1500 | 6065 | 0400-0500 |
| | 1600-1800 | **Sheena Sce.** (100kW) | |
| **Rawalpindi** (10kW) | | 7095 | 0430-0530 |
| 5006 | 0045-0400* | 7260 | 1000-1200 |
| | 1500-1800 | **Link Services** | |
| 7325 | 0600-1100 | **Islamabad** (10kW) | |
| *)Fri 0500 | 1145-1415 | 5905 | 0230-0245 |
| **Quetta** (10kW) | | 7090 | 1630-1730 |
| 4879 | 0045-0400 | 11815 | 1015-1100 |
| | 1100-1600 | | 1115-1215 |

**EXTERNAL SERVICES**
**MEDIUMWAVES:** Islamabad 585kHz 1000kW, 1260kHz 300kW — Quetta 756kHz 150kW.
**SHORTWAVES:** Islamabad 2 × 250kW & 4 × 100kW tr's; Karachi 2 × 50kW tr's.

| kHz | kHz | kHz | kHz | kHz | kHz | kHz |
|---|---|---|---|---|---|---|
| 5095 | 7375 | 11670 | 12015 | 15450 | 17640 | 17890 |
| 5980 | 9432 | 11925 | 13605 | 15565 | 17660 | 21475 |
| 6070 | 9460 | 11995 | 15145 | 15580 | 17750 | 21485 |
| 7315 | 9465 | 12005 | 15175 | 15595 | 17820 | 21765 |
| 7335 | 9790 | | | | | |

**Areas:** I = Europe, II = Near and Middle East; III = Ea. Africa, IV = So. and Ea. Asia, V = Far East — * = Dictation news.

| Arabic | Area | kHz | Burmese | Area | kHz |
|---|---|---|---|---|---|
| 0515-0615 | II | 15565, 17640 | 1115-1215 | IV | 17640, 17820 21765 |
| 1215-1315 | II | 17660, 21485 | | | |
| **Bangla** | | | **Dari** | | |
| 0100-0245 | IV | 11995, 15580 | 1600-1800 | | 5095 |
| 1230-1445 | IV | 11995, 15580 | | | |

| English | Area | kHz | Swahili | Area | kHz |
|---|---|---|---|---|---|
| 0230-0245* | V | 15145, 17660 | 0300-0345 | III | 15175, 17750 |
| 1100-1115* | I | 15595, 17660 | **Tamil** | | |
| 1600-1615* | II | 11670, 15595 17660 | 0900-0945 | IV | 11670, 15450 |
| 1600-1615* | III | 15580, 17890 | **Turki** | | |
| 1700-1730 | I | 9432, 12015 | 0700-0745 | II | 7375, 9460 |
| **Farsi** | | | **Turkish** | | |
| 0330-0415 | II | 9790, 12005 | 1630-1730 | II | 7335, 11925 13605 |
| 1700-1745 | II | 7315, 6070 | **Urdu** (incl. English news & Sylhet) | | |
| **French** | | | 0045-0230 | IV | 17840 |
| 1915-2015 | III | 9465, 12015 | 0445-0700 | II | 11970, 15595 17660 |
| **Gujrati** | | | | | |
| 0400-0500 | III | 15515, 17750 | **Urdu** | | |
| **Hindi** | | | 0715-1100 | I | 15595, 17660 |
| 0100-0215 | IV | 5980, 7315 | 1330-1600 | II | 11670, 15595 17660 |
| **Indonesian** | | | | | |
| 1015-1100 | IV | 17640, 17820 21765 | 1645-1900 | I | 9432, 12015 |
| | | | 1800-1900 | II | 7335 |

**ANN:** "This is Radio Pakistan" — **V.** by QSL-card. Re. to Contr, Planning & Research at 1st addr). (Home Sces: Peshawar & Quetta by letter for direct rpts).

**Azad Kashmir**

### AZAD KASHMIR RADIO (Gov.)

**ADDR:** Muzzaffarabad, Azad Kashmir, via Pakistan.
**L.P:** Chief Engineer: M. Sajjad Ali Siddiqui.
**STATIONS:** Muzzaffarabad 792kHz 150kW — 1512kHz 10kW; Islamabad 4980/5990/7165kHz 10kW.
**D.PRGR.** in Urdu and Kashmiri: **Muzzafarabad:** 0042-0818 & 1046-1803; **Islamabad** (id'ing as Trarkhel): 0042-0430 on 4980kHz, 0557-0930 on 7165kHz, 1145-1400 on 5990kHz, 1400-1800 on 4980kHz.
**ANN:** 792/1512kHz: "Yeh Azad Kashmir Radio Muzzaffarabad Hay". Other freqs: "Yeh Azad Kashmir Radio Trarkhel Hay".
**INT-SIG:** Azad Kashmir anthem at open and close.
**V.** by letter. Rp.

## PHILIPPINES (Rep. of the)

**L.T:** UTC + 8h — **Pr.L:** Tagalog (Pilipino), Cebuano, Ilocano, Bicolano, English (Filipino is the general term for all Phil. languages. Pilipino is a derivation of Tagalog) — **EC:** a/c 60, 220/110V (yes, in Luzon and major cities elsewhere).

### NATIONAL TELECOMMUNICATIONS COMMISSION

(Ministry of Transport and Communications), David Gutierrez Bldg., Scout Reyes Corner Panay Ave, Quezon City 3008.
**Te:** 98 11 60.
**L.P:** Commissioner: Brig. Gen. Ceferino S. Carreon (ret). Dep. Commissioner: Antonio C. Barreiro. Broadc. Sce. Div (Officer-in-Charge): Eng. Sylvia I. Marcelo. Chief of Freq. Management Div: Eng. Efren R. Cambanlig.

### KAPISANAN NG MGA BRODKASTER SA PILIPINAS (KPB) (Association of Broadcasters in the Philippines).

**ADDR:** 6th Flr, LTA Bldg, Perea Str, Makati, Metro-Manila.
**Te:** 815-1992.
**L.P:** Chmn: Teodoro Valencia. Pres: Don Lee. Exec. Dir: Paul T. Panāres. Nat. Telecom. Comm. Repr: Sylvia Marcelo. Member st's: all st's of all classes (priv, comm, govt, educ).

### PHILIPPINE FEDERATION OF CATHOLIC BROADCASTERS

**ADDR:** 2307 Herran Str, Santa Ana, (P.O. Box 2722), Manila 2802. **Te:** 58-4828. **Cable:** Reuter Jesuitas Manila.
**L.P:** His Excellency, Most Rev. Julio Xavier Labayec, OCD.
**PUB:** "Intercom", twice monthly.
**Member st's:** 1), 7), 23), 36), 44), 56), 61), 65), 81), 87), 88), 100).

**Callsign assignments:** DU = Shortwave only; DW = Luzon; DX = Mindanao and Sulu; DY = Visayas and Palawan; DZ = Luzon.

### MINISTRY OF PUBLIC INFORMATION MAHARLIKA BROADCASTING SYSTEM (MBS)

**ADDR:** Media Center, Bohol Avenue, Cubao, Quezon City 3005.
**Te:** 408976.

| MEDIUMWAVES | Call | kHz | kW |
|---|---|---|---|
| Agoo, La Union | DZAG | 567 | 2.5 |
| Mandawe City | DYIM | 577 | 10 |
| Iloilo City | DYTR | 585 | 1 |
| Davao City | DXRP | 666 | 10 |
| Quezon City | DZFM | 738 | 10 |
| Tayug, Pangasinan | DWGC | 756 | 10 |
| Marawi City | DXSO | 774 | 0.25 |
| Sorsogon, Sorsogon | — | 900 | 0.25 |
| Quezon City | DZRP | 918 | 25 |
| Baguio City | DZEQ | 999 | 1 |
| Lucena Ctiy | DZLC | 1017 | 1 |
| Batac, Ilocos Norte | DZLF | 1116 | 0.25 |
| Quezon City | DZCA | 1170 | 10 |
| Dagupan City | DZMO | 1224 | 1 |
| Quezon City | DZMQ | 1278 | 10 |
| Kalinga Apayao | DZRK | 1323 | 0.25 |
| Legaspi City | DZFT | 1395 | 0.25 |
| **FM:** | **Call** | **MHz** | **kW** |
| Quezon City | DZFM | 103.5 | 1 |
| Quezon City | DWIM | 104.3 | 1 |

**SHORTWAVES** (all Quezon City)

| Call | kHz | kW | H. of tr. | Call | kHz | kW | H. of tr. |
|---|---|---|---|---|---|---|---|
| DUB4 | 3286 | 2.5 | 2100-1405 | DUR2 | 9580 | 50 | 0657-1855* |
| DUH2 | 6170 | 10 | 2000-1405 | DUH4 | 9615 | 2.5 | 2000-1405 |

*Sun 1555.

**HOME SCE:** 24h. Rel on 3286/9615kHz as above; on 6170kHz: 0000-0800 & 1200-1405.
**OVERSEAS SCE. in English:** 0800-1200 & 2000-2400 on 6170kHz; 0657-1855 (Sun 1555) on 9580kHz as follows: 0657-0955 to Japan/Korea/Taiwan; 0957-1155 to Indonesia/Malaysia/Singapore/Brunei; 1157-1355 to Burma/Cambodia/Thailand/Vietnam; 1357-1655 (Sun 1555) to No. America; 1657-1855 to Moscow & No. Europe.
**ANN:** (DUR2): "You are tuned to Radyo Pilipinas, the overseas broadcast service of the Voice of the Philippines, National Media Production Center, broadc. on 9580kHz from Manila" — **V.** by QSL-card (re. to 15th Floor, Philcomcen Bldg, Ortigas Avenue, Pasig, Metro-Manila).

**Abbreviations peculiar to Philippine listings:**
Blvd = Boulevard; C = City; Coll. = college; Ctr = Center; Flr = Floor; Fr. = Father; GM = General Manager; Jr. = Junior; MM = Metropolitan Manila; PD = Program Director; Rd. = Road; Rev = Reverend; Sr. = Senior; TD = Technical Director.
**General Notes:** Station identification is made using English alphabet. Generally, station identifications are on the hour and half hour, and consist of callsign, frequency, and station location, and usually, system or network name. Frequency is expressed in Spanish language, English language, or Tagalog (Pilipino) language numerals. When known, individual station addresses should be used in preference to system or network HQ, or KBP repr. Following cities and towns comprise Metropolitan Manila (Metro-Manila), a specially created province: Makati, Malabon, Mandaluyong, Manila, Navotas, Pasay City, Pasig, Quezon City, San Juan, Valenzuela, and Caloocan City.
**NB:** Cities may be referred to by their simple name, e.g. Baguio City/Baguio, Naga City/Naga, Zamboanga City/Zamboanga. However, Quezon City is **always** referred to by its full name.

**MEDIUMWAVES:** Non-comm. st's: rlg: 32), 64), 97), 98); gov: 65); gov. educ: 89), 90), 93); mil: 71).
**Schedule codes:** Sign-on: b-e; sign-off: o-t; b = 2000, c = 2100, e = 2200, o = 1300, p = 1400, q = 1500, r = 1600, t = 1800. * = inactive, + ) refer to address for full schedule.

**For locations, cf. MW Frequency List.**

| | Call | kHz | kW | | | Call | kHz | kW | |
|---|---|---|---|---|---|---|---|---|---|
| 48) | DZBR | 531 | 5 | cq | 7) | DZBB | 594 | 10 | bt |
| 63) | DZWT | 540 | 10 | bq | 26) | DWLV | 603 | 10 | cq |
| 1) | DYRB | 540 | 5 | cq | 16) | DWHB | 612 | 1 | cr |
| 6) | DXBI | 540 | 5 | cp | 16) | DYHP | 612 | 10 | cq |
| 16) | DZXL | 558 | 10 | 24h | 17) | DZTG | 612 | 5 | cq |
| 12) | DZYZ | 576 | 1 | * | 16) | DXDC | 621 | 10 | cr |
| 13) | DZVV | 585 | 5 | cp | 17) | DWWW | 630 | 50 | br |

| | Call | kHz | kW | |
|---|---|---|---|---|
| 28) | DYAG | 639 | 5 | |
| 17) | DZRL | 639 | 1 | |
| 16) | DXKR | 639 | 5 | |
| 51) | DWRL | 648 | 2.5 | |
| 23) | DXMB | 648 | 1 | cq |
| 19) | DZXC | 657 | 1 | cp |
| 41) | DYFL | 657 | 1 | |
| 16) | DZHN | 657 | 1 | cq |
| 36) | DXDD | 657 | 5 | cp |
| 11) | DZRH | 666 | 10 | 24h |
| 2) | DWLW | 675 | 5 | cq |
| 17) | DYKC | 675 | 5 | |
| 2) | DWGW | 684 | 1 | cr |
| 58) | DZCI | 684 | 5 | cq |
| 5) | DZCV | 693 | 5 | |
| 18) | DXDN | 693 | 1 | |
| 98) | DZAS | 702 | 25 | cq |
| 39) | DYBR | 711 | 1 | cq |
| 12) | DXRD | 711 | 5 | cr |
| 12) | DZYI | 711 | 5 | cp |
| 16) | DXIC | 711 | 1 | cr |
| 13) | DZLU | 720 | 1 | cp |
| 24) | DZJO | 720 | 5 | cr |
| 11) | DYEZ | 720 | 5 | br |
| 14) | DZGB | 729 | 2.5 | cq |
| 82) | DXOR | 729 | 1 | cr |
| 16) | DYHB | 747 | 5 | cr |
| 66) | DXND | 747 | 1 | cq |
| 11) | DZJC | 747 | 5 | bq |
| 2) | DWBW | 756 | 1 | * |
| 2) | DWNW | 756 | 10 | cq |
| 69) | DXJM | 756 | 1 | cp |
| 25) | DWHL | 756 | 1 | cr |
| 12) | DYCB | 760 | 5 | 24h |
| 12) | DZYT | 765 | 5 | cr |
| 5) | DXGS | 765 | 1 | |
| 57) | DZBM | 774 | 5 | ct |
| 72) | DZNL | 783 | 1 | cp |
| 70) | DYPR | 783 | 5 | |
| 59) | DYME | 783 | 1 | cq |
| 38) | DXRA | 783 | 10 | cq |
| 21) | DZAP | 792 | 2.5 | cq |
| 68) | DYRR | 792 | 5 | cq |
| 8) | DWFA | 801 | 1 | cq |
| 49) | DYKA | 801 | 1 | br |
| 46) | DYWC | 801 | 5 | cq |
| 12) | DXBL | 801 | 1 | cq |
| 13) | DZNC | 803 | 1 | cp |
| 15) | DZRJ | 810 | 5 | ct |
| 88) | DXMV | 810 | 1 | |
| 11) | DYVL | 819 | 5 | cq |
| 18) | DXMC | 819 | 5 | |
| 81) | DXSC | 819 | 1 | |
| 8) | DWZR | 828 | 1 | cq |
| 12) | DZTC | 828 | 1 | cq |
| 16) | DXCC | 828 | 10 | cr |
| 43) | DZXE | 837 | 1 | cp |
| 13) | DYFM | 837 | 5 | bq |
| 12) | DXRE | 837 | 1 | cq |
| 97) | DWRV | 846 | 50 | cq |
| 5) | DZGE | 855 | 5 | 24h |
| 2) | DXCT | 855 | 1 | cr |
| 12) | DZSP | 864 | 1 | cq |
| 3) | DWSF | 864 | 1 | cq |
| 40) | DYRE | 864 | 5 | * |
| 20) | DZPA | 873 | 5 | cr |
| 5) | DZRC | 873 | 5 | 24h |
| 12) | DXRB | 873 | 5 | cp |
| 72) | DWIZ | 882 | 5 | br |
| 66) | DXMS | 882 | 10 | cr |
| 96a) | DYSR | 891 | 10 | cp |
| 65) | DWNE | 900 | 5 | cq |
| 18) | DXRZ | 900 | 5 | 24h |
| 96) | DXSS | 900 | 2.5 | |
| 82) | DYLA | 909 | 10 | |
| 5) | DZXT | 936 | 1 | |
| 15) | DYKW | 936 | 1 | cq |
| 16) | DYDC | 936 | 1 | |
| 62) | DXUM | 936 | 10 | cp |
| 1) | DYRO | 945 | 5 | cr |

| | Call | kHz | kW | |
|---|---|---|---|---|
| 12) | DXRO | 945 | 5 | cq |
| 86) | DWBC | 954 | 15 | cr |
| 12) | DXRI | 954 | 1 | cq |
| 31) | DYRC | 963 | 5 | cq |
| 12) | DXYZ | 963 | 5 | cq |
| 33) | DWKS | 972 | 1 | cq |
| 18) | DXMO | 972 | 5 | cp |
| 11) | DYSM | 972 | 1 | cq |
| 12) | DZRD | 981 | 5 | cr |
| 2) | DYBQ | 981 | 10 | 24h |
| 76) | DXOW | 981 | 5 | |
| 16) | DXDR | 981 | 5 | |
| 85) | DWWJ | 990 | 10 | * |
| 7) | DYSS | 999 | 5 | bt |
| 16) | DXHP | 999 | 1 | cq |
| 17) | DXXX | 1008 | 5 | cq |
| 2) | DWDW | 1017 | 5 | cr |
| 1) | DYRP | 1017 | 5 | bq |
| 42) | DXGE | 1017 | 5 | cq |
| 79) | DXSN | 1017 | 1 | cq |
| 8) | DWXX | 1026 | 10 | cr |
| 18) | DXMI | 1026 | 1 | |
| 13) | DZWX | 1035 | 5 | cr |
| 9) | DYFJ | 1035 | 1 | co |
| 80) | DXCP | 1035 | 2.5 | cp |
| 13) | DZDR | 1044 | 5 | cr |
| 11) | DYMS | 1044 | 1 | |
| 37) | DXML | 1044 | 1 | cp |
| 52) | DXLL | 1044 | 5 | cq |
| 13) | DZVR | 1053 | 5 | cp |
| 88) | DYSA | 1053 | 1 | cq |
| 17) | DXKD | 1053 | 1 | |
| 4) | DZEL | 1053 | 5 | |
| 4) | DZEC | 1062 | 10 | cr |
| 98) | DXKI | 1062 | 5 | cp |
| 87) | DYXT | 1071 | 1 | bo |
| 17) | DXKT | 1071 | 5 | |
| 4) | DWIN | 1080 | 5 | |
| 17) | DXKS | 1080 | 1 | |
| 10) | DZBT | 1080 | 1 | |
| 8) | DYHR | 1089 | 1 | cq |
| 18) | DXCM | 1089 | 5 | cp |
| 35) | DWAD | 1098 | 10 | er |
| 12) | DXCL | 1098 | 5 | cp |
| 34) | DXMF | 1107 | 1 | |
| 16) | DYRI | 1107 | 5 | bq |
| 98) | DXAS | 1116 | 5 | cp |
| 90) | DZLB | 1116 | 5 | |
| 98) | DWAS | 1125 | 1 | cp |
| 13) | DZWN | 1125 | 5 | cr |
| 1) | DYRM | 1134 | 1 | |
| 15) | DYRJ | 1152 | 5 | * |
| 27) | DYRD | 1161 | 1 | cq |
| 18) | DXDS | 1161 | 1 | cp |
| 14) | DZMD | 1162 | 1 | cq |
| 77) | DYRV | 1188 | 1 | cp |
| 10) | DZLT | 1188 | 5 | cr |
| 19) | DZXO | 1188 | 1 | cp |
| 98) | DXFE | 1197 | 5 | cp |
| 1) | DYRH | 1197 | 5 | eq |
| 2) | DWWA | 1206 | 10 | cr |
| 16) | DXRS | 1206 | 1 | cq |
| 45) | DYRF | 1215 | 5 | bq |
| 2) | DXWG | 1224 | 1 | |
| 4) | DXED | 1224 | 5 | |
| 98) | DYVS | 1233 | 1 | cp |
| 44) | DWBL | 1242 | 10 | ct |
| 84) | DXSY | 1242 | 5 | co |
| 12) | DWSI | 1251 | 1 | cp |
| 56) | DXCB | 1251 | 1 | co |
| 14) | DZMS | 1251 | 1 | cq |
| 54) | DWMC | 1260 | 5 | cr |
| 34) | DYMF | 1260 | 5 | |
| 13) | DZVX | 1269 | 1 | cq |
| 1) | DWPR | 1296 | 5 | |
| 1) | DWLQ | 1296 | 1 | |
| 9) | DYJJ | 1296 | 5 | |
| 4) | DYFX | 1305 | 5 | |
| 3) | DWXI | 1314 | 10 | cr |
| 11) | DXRH | 1314 | 5 | cr |

| | Call | kHz | kW | |
|---|---|---|---|---|
| 7) | DYOO | 1323 | 1 | |
| 92) | DWAR | 1332 | 2 | cp |
| 17) | DZKI | 1332 | 1 | cq |
| 6) | DZYS | 1341 | 1 | |
| 76) | DYRL | 1341 | 5 | cq |
| 53) | DZXQ | 1350 | 10 | cr |
| 6) | DZYR | 1359 | 1 | |
| 75) | DWAM | 1368 | 2.5 | cp |
| 30) | DZRA | 1368 | 1 | co |
| 17) | DXKO | 1368 | 1 | |
| 17) | DZBS | 1368 | 5 | cq |
| 17) | DXKP | 1377 | 1 | cp |
| 6) | DYVR | 1377 | 5 | cp |
| 9) | DWKW | 1386 | 10 | cr |
| 64) | DXCR | 1386 | 5 | co |
| 19) | DWMG | 1395 | 1 | cq |
| 95) | DZOR | 1400 | 1 | bq |
| 17) | DYKB | 1404 | 5 | br |
| 9) | DXAM | 1413 | 10 | |

| | Call | kHz | kW | |
|---|---|---|---|---|
| 32) | DZEM | 1422 | 10 | cq |
| 93) | DXMU | 1422 | 5 | |
| 91) | DYRS | 1431 | 1 | cq |
| 47) | DZDL | 1440 | 5 | cq |
| 67) | DZOM | 1440 | 5 | |
| 93) | DYAC | 1449 | 1 | |
| 98) | DWRF | 1458 | 250/5 | + |
| 12) | DZYA | 1476 | 1 | cp |
| 78) | DWRB | 1476 | 1 | cq |
| 16) | DYKR | 1486 | 1 | cp |
| 5) | DXOC | 1494 | 1 | cq |
| 74) | DWCJ | 1494 | 10 | cr |
| 13) | DYWB | 1521 | 5 | cr |
| 29) | DZME | 1530 | 10 | cr |
| 6) | DZYM | 1539 | | cp |
| 83) | DWGO | 1557 | 2.5 | cq |
| 89) | DZUP | 1566 | 1 | |
| 71) | DZHH | 1570 | 10 | |

**FM STATIONS**

**LUZON**

| Metro-Manila | MHz | kW |
|---|---|---|
| 9) DWKB | 89.1 | 25 |
| 11) DZMB | 90.7 | 5 |
| 53) DWMM | 91.5 | 5 |
| 12) DWFM | 92.3 | 10 |
| 22) DWEI | 93.1 | 25 |
| 16) DZHP | 93.9 | 3 |
| 44) DWLL | 94.7 | 10 |
| 19) DWWC | 95.3 | 1 |
| 4) DWDM | 95.5 | 5 |
| 86) DWRK | 96.3 | 1 |
| 7) DWLS | 97.1 | 10 |
| 35) DWAD | 97.9 | 10 |
| 98) DZFE | 98.7 | 10 |
| 85) DWRT | 99.5 | 10 |
| 15) DZRJ | 100.3 | 5 |
| 55) DZFX | 101.1 | 1 |
| 19) DWWG | 101.5 | 2 |
| 2) DWWK | 101.9 | 10 |
| 60) DWXB | 102.7 | 1 |
| 57) DWLM | 105.1 | 1 |
| **Albay** | | |
| 5) DWRC | 95.5 | 2.5 |
| **Benquet** | | |
| 63) DZWR | 99.9 | 5 |
| 12) DZYB | 102.3 | 1 |
| 16) DWHB | 103.9 | 1 |
| **La Union** | | |
| 50) DWLU | 88.7 | 10 |
| **Nueva Ecija** | | |
| 19) DWMG | 105.5 | 1 |
| **Pangasinan** | | |
| 61) DWEC | 91.9 | 1 |
| **Quezon** | | |
| 10) DWLC | 98.3 | 5 |
| **Tarlac** | | |
| 5) DWXT | 96.1 | 2.5 |
| **Zambales** | | |
| 25) DWSL | 96.7 | 1 |
| **VISAYAS** | | |
| **Bohol** | | |
| 27) DYRD | 102.7 | 1 |

| Capiz | MHz | kW |
|---|---|---|
| 16) DYVR | 93.9 | 1 |
| **Camarines Sur** | | |
| 61) DWAC | 94.3 | 1 |
| 5) DWEB | 99.9 | 2.5 |
| **Ilocos Norte** | | |
| 72) DWIL | 90.7 | 1 |
| 96) DWSN | 97.9 | 9.6 |
| **Ilocos Sur** | | |
| 96) DWIS | 98.9 | 6.5 |
| **Iloilo** | | |
| 1) DYXI | 93.5 | 5 |
| 16) DYRI | 93.9 | 1 |
| 72) DYMB | 97.5 | 1 |
| 88) DYSA | 100.7 | 5 |
| **Leyte** | | |
| 9) DYDR | 100.7 | 2.5 |
| **Negros Occidental** | | |
| 16) DYRJ | 99.9 | 5 |
| 12) DYBC | 102.3 | 1 |
| 94) DYMG | 103.1 | 5 |
| **MINDANAO** | | |
| **Davao del Sur** | | |
| 16) DXDC | 93.9 | 1 |
| 96) DXSS | 97.9 | 5 |
| 12) DXFM | 101.9 | 1 |
| **Cebu** | | |
| 82) DYLA | 93.1 | 1 |
| 16) DYHP | 93.9 | 5 |
| 31) DYBU | 97.9 | 1 |
| 98) DYFR | 98.7 | 1 |
| 1) DYRT | 99.5 | 15 |
| 7) DYIO | 101.1 | 5 |
| 12) DYNC | 101.9 | 1 |
| **Misamis Occidental** | | |
| 36) DXDD | 100.7 | 5 |
| **Misamis Oriental** | | |
| 73) DXRK | 99.9 | 5 |
| 12) DXRC | 101.5 | 1 |
| 16) DXVM | 106.1 | 1 |
| **Zamboango del Sur** | | |
| 6) DXLA | 93.9 | 1 |

1) **Allied Broadc. Center, Inc,** Suite 301, Legazpi Towers, 200 Paseo de Roxas, Makati, Metro-Manila 3117 — GM: Ernesto Rosales. SM: (DWPR): Jeremias Birog; (DWLQ): Maria Cristina Gomez; (DYRO): Juanito Yu, Jr; (DYRB/DYRT): Antonio Vestil; (DYRP/DYXI): Romeo Jamantoc; (DYRH): Ivy Visitacion; (DYRM): Philidor Quengco.

2) **Banahaw Broadc. Corp,** Broadcast City, Capitol Hills, Diliman, Quezon City 3005 — SM: (DWWA/DWWK): Ding Hosalla; (DWGW): Virgilio Arcos; (DWNW): Mar Crisostomo; (DWLW): Romulo Albano; (DWDW): Paquita Fernandez; (DXWG): Tanny Pacana.

3) **Delta Broadc. Syst,** Suite 301, Legazpi Towers, 200 Paseo de Roxas, Makati, Metro-Manila 3117 — SM: (DWXI): Rolando Choa; (DWSF): Robert Reyes.

4) **Eagle Broadc. Corp,** 403 Delta Motor Sales Bldg, Quezon Boulevard, Quezon City 3008 — SM: (DZEC): Gregorio Areinas; (DWDM): Ricardo Pineda; (DWIN): Carmencita Mapalo; (DZEL): Reynaldo Cruz; (DXED): Manuel Cabrera; (DYFX): Luzardo Lucido.
5) **Filipinas Broadc. Netw,** Suite 306, Legaspi Towers, 200 Paseo de Roxas, Makati, Metro-Manila 3117 — SM: (DZRC/DWRC): Larry Bocales; (DZCV): Valeriano Calubaquib; (DZGE/DWEB): Salvio Fortuno; (DZXT/DWXT): Jesus Viduya; (DXGS): Joe Gadayan, Jr; (DXOC): Delia Rosal.
6) **First United Broadc. Corp,** 3rd Floor, Paguyo Bldg, 7836 Cor Valdez & Makati Ave, Makati, Metro-Manila 3117 — SM: (DZYS): Jerry Manan; (DZYR): Macario Lopez; (DZYM): France Caroline Salvador; (DXBI): Herminio Montebon; (DXLA): Valentin Matias, Jr.
7) **GMA Radio and TV Arts,** Channel 7 Bldg, Epifano de los Santos Ave, Diliman, Quezon City 3004 — Pres: M.R. Jimenez; TD: Eng. M.A. Elizan; SM: (DZBB/DWLS): Lydia Villegas; (DYSS): Crisanto Samia; (DYOO): Lilian Penasales.
8) **Hypersonic Broadc. Center,** Suite 341, J&T Bldg, 3894 Magsaysay Boulevard, Santa Mesa, Manila 2806 — GM: Hernandez Baldo; SM: (DWXX): Cesar Mortega. TD: S. Azurin; (DWZR): Manuel Ojano; (DWFA): Alfonso J. Lanuza; (DYHR): Susano Salurio.
9) **Intercontinental Broadc. Corp,** Broadcast City, Capitol Hills, Diliman, Quezon City 3005 — SM: (DWKW/DWKB): Frankie Evangelista; (DYJJ): Lydia Depalobos; (DYSJ): Lorenzo Marcelino; (DXAM): Diosdado Pontillas.
10) **Luzon Broad. Co,** Room 306, De Villa Bldg, 1153 M.H. del Pilar, Ermita, Manila 2801 — SM: (DZLT): J. Mendoza; (DZBT): T. Cuevas.
11) **Manila Broadc. Co,** 5th Floor, Salarin Bldg, Salcedo Str, Legaspi Village, Makati, Metro-Manila 3117 — SM: (DZRH): Carlos Castro; (DZMB): Eduardo Montilla; (DZJC): Alwyn Albano; (DYMS): Arthur Sablada; (DYVL): Carlos Filamor; (DYEZ): Eduardo Montilla; (DXRH): Arthur Sablada; (DYSM): Carlos Filamor.
12) **Nation Broadc. Corp,** Jacinto Bldg, 914 Pasay Road, Makati, Metro-Manila 3117 — GM: Abelardo Yabut, Sr; TD: H. Macandog; SM: (DWFM): Joselito Yabut; (DZYB): Helen Embuscado; (DZYT): Pablo Taguba; (DZYI): Pat Yabut; (DWSI): Francisco Aquino; (DZSP): Resty Azusano; (DZYA): Fernando Pangan; (DZRD): Elvira Avino; (DZTC): Eliseo Garcia; (DYCB): Samuel Galarpe; (DYBC); Febe Torres; (DXRB): Tyrone P. Calo; (DXRO): Jesus Cortez; (DXRE): Miguel Odie, Jr; (DXRD/DXFM): Zosimo Valid; (DXRI): Vicente Ubanan; (DXCL/DXRC): Sandy Bass; (DXYZ): Jimmy Cabato.
13) **Newsound Broadc. Netw,** Florete Bldg, 2406 Zobel corner Edison Str, Makati, Metro-Manila 3117 — SM: (DZWX): Charito Cruz; (DZVX): Manuel Querubin; (DZDR): Nolito Mapa; (DZVR): Efren Ramos; (DZVV): Johnny Riduca; (DZNC): Carayo Tactay Perez; (DZLU): Blanchita Ignacio; (DZWN): Natividad Abaya; (DYWB): Lourdes Medroso; (DYFM): Rino Arcones.
14) **People's Broadc. Netw,** 2nd Floor, Bayona Bldg, Imperial Court Subdivision, Legazpi City 4901 — GM: Jorge D. Bayona; SM (DZGB): Arturo Osia; (DZMD): Aida Canuto; (DZMS): Emmanuel Moran.
15) **Rajah Broadc. Netw,** 8th Floor, J&T Bldg, 3894 Magsaysay Blvd, Santa Mesa, Manila 2806 — SM: (DZRJ-AM): Mike Llamas; (DZRJ-FM): Manuel Casaclang; (DYRJ-AM): Francis Jopillo; (DYRJ-FM): Raul Jacolo.
16) **Radio Mindanao Netw,** Chateau Makati Bldg, F. Zobel Str, Makati, Metro-Manila 3117 — SM: (DZXL): Eric Canoy; (DZHP): Butch Canoy; (DWHB AM/FM): Max Magpili; (DZHN): Martin Pamulo; (DYKR): Ben Torre; (DYVR): Violeta Arnaldo; (DYHP AM/FM): Lorenzo Gabutina; (DYDC): Mike Olivar; (DYRI-AM): Dodong Canedo; (DYRI-FM): Glorificador Elumba; (DYHB): Ramon de Luna; (DXBC): Zenon del Gado; (DXTR): Manuel Fernandez; (DXDC AM/FM): Rolando Raval; (DXIC): Bert Dufredo; (DXCC/DXVM): Jesus Dingcong; (DXRS): Nilo Sembrano; (DXDR): Mando Padilla.
17) **Radio Philippines Netw,** Broadcast City, Capitol Hills, Quezon City 3005 — SM: (DWWW): Victor Morales; (DZBS): Eduardo Aguilar; (DZTG): Luciano Dalu; (DZKI): Jaime Alanis; (DZRL): Ric Lauricio; (DYKC): Frank Jalandoon; (DYKW): Cornelio Mayang; (DYKB): Reinerio Tan; (DXDX): Antonio Dadula; (DXKT): Rudolfo Rebolledo; (DXKO): Jose Feliciada; (DXKD): Sally Elia Dufredo; (DXKP): Brammy Bayron; (DXXX): Eddie Rodriguez; (DXKS): Clementino Langguing.
18) **Univ. of Mindanao Broadc. Netw,** Torres Arcade, 1002 Pasay Rd, Makati, Metro-Manila — Pres: Guillermo E. Torres. SM: (DXCM): Charlie Senase; (DXMZ): Vie Lim; (DXMC): Antonio Ajero; (DXDN): Rogelio Israel; (DXDS): Malmerto Malnegro; (DXMI): Romeo Sumalinog; (DXMO): Naty Duldulao; (DXRZ): Butch Bustamante.
19) **Vanguard Radio Netw,** 2nd Floor, J&T Bldg, 3894 Magsaysay Blvd, Santa Mesa, Manila 2806 — GM: Manuel Galvez; SM: (DWWG): Helen C. Galvez; (DZXO): Agapito Calaranan; (DWWG): Peter Manalo. (DWWC): Cecilia Franco. **F. PI:** 2 further FM-st's.
20) Abra Community Broadc. Corp, Rizal Str, Bangued, Abra 0101 — SM: Ms. Caridad Viado-Go. TD: G. Fulla. **F.PI:** FM St.
21) Angeles Broadc. Netw, Ocampo Bldg, San Nicolas, Angeles C. 2017 — SM: Rolando Lingat.
22) Audiovisual Communicators, 10th Flr, Rufino Bldg, Ayala Ave, Makati, MM 3117 — Exec. Vice-Pres: J. Alanis. SM: Antonio Barreino, Jr.
23) Banwag Broadc. Syst, Malaybalay, Bukidnon 8201 — SM: Eduardo Lopez, Jr.
24) Bayanihan Broadc. Corp, Carmelite Bldg, Infanta, Quezon 3918 — SM: Rev. Fr. Francis Lucas. TD: I. Escolano.
25) Beta Braodc. Corp, 8 Kessing Str, Olongapo C. 2201 — SM: Felipe Llanora.
26) Bicol Broadc. Syst, Naga C. 4701.
27) Bohol Chronicle Radio, 56 Mabini Str, Tagbilaran C. 6301 — SM: (DYRD): Zoilo Dejaresco, Jr; (DYRD-FM): Peter Dejaresco.
28) Cadiz Radio and TV Netw, National Federation of Sugarcane Planters, SPCMA Bldg, 1 Luzurriaga Str, (Cadiz RTV Netw), Bacolod C. 2001 — SM: Joe Varela III.
29) Capitol Broadc. Corp, 317 Roosevelt Ave, S. Francisco del Monte, Quezon City 3010 — SM & Pres: Jose Luison, Jr.
30) Catanduanes State College, Barrio Calatagan, Virac, Catanduanes 5001 — SM: Joelson Panti. TD: S.V. Robles.
31) Cebu Broadc. Corp, Radio City, Osmena Blvd, Cebu C. 6101 — SM: (DYRC): Atty. Eduardo Montilla; (DYBU): Rolando Chica.
32) Christian Broadc. Sce, 499 Carlos Palanca Str, Quiapo, Manila, MM 2804 — SM: Pepito Guerrero. **F.PI:** Further st's.
33) Conamor Broadc. Corp, San Pablo C. 3723 — SM: Malou Concordia.
34) Consolidated Broadc. Syst, Suite 31, 3rd Flr, PARC House Bldg, 227 E. de los Santos Ave, Greenhills, Mandaluyong, MM 3119 — SM: (DYMF): Amadeo Abad; (DXMF): Joe S. Velasco.
35) Crusaders Broadc. Syst, 304 Shaw Blvd, Mandaluyong, MM 3119 — SM: (DWAD-AM/FM): Faustino Borja.
36) Dan-Ag. sa Dakbayan (Beacon of the Community) Broadc. Corp, Cathedral Compound, Rizal Ave, Ozamis C. 9101 — SM: Antonio Vergara.
37) Digos Broadc. Syst, McArthur Highway, Digos, Davao, Davao del Sur 9502 — SM: Cesar de la Victoria.
38) DXRA R. Broadc. Corp, A. Pichon Sr. Str, Davao C. 9501 — SM: Evelyn A. Magno. TD: F. Clarin.
39) East Visayan Broadc. Netw, Old Rd, Barrio Sagkahan, Tacloban, Leyte 7101 — SM: Alex Montejo.
40) Eastern Broadc. Corp, Mandawe C., Cebu 6433.
41) Eastern Broadc. Syst, Borongan, E. Samar 7001 — SM: William Calisang.
42) Erna Cruz, Barrio San Pedro, Davao C. 9501 — SM: Ferdinand Cruz.
43) Fairwave Broadc. Netw, Mira Hills, Vigan, Ilocos Sur 0401 — SM: Norma Encarnacion.
44) FBS Radio Netw, 18th Flr, Philcomcen Bldg, Ortigas Ave, Pasig, MM — SM: (DWBL/DWLL): Mike Enriquez.
45) Filipinas Broadc. Assn. Inc, University of San Carlos Main Campus, P.O. Box 182, Cebu City 6401 — SM: Fr. Margarito R. Alingasa, SVD. TD: Filomino Cañeda.
46) Franciscan Broadc. Corp, Guihulngan, Negros Oriental 6525 — SM: Frank Palomares.
47) Insular Broadc. Syst, Caranglaan, Dagapan 0701 — GM: D. Lee. SM: Art Valenzuela. TD: L.B. Abayan.
48) Kumintang Broadc. Corp, Lipa C. 4216.
49) Kauswagan Broadc. Corp, Saint Anthony's College, San Jose, Antique 5601.
50) La Union Technical School, San Fernando, La Union 0501.
51) Lipa Broadc. Syst, Lipa C. 4216 — SM: Armando Mendoza, Jr.
52) Lopez and Sons Broadc. Syst, Lopez and Sons Press & Radio Bldg, Campaner Str. (P.O. Box 60), Zamboanga C. 7801 — SM: Vicente B. Pena.
53) Mabuhay Broadc. Syst, Hotel Mirador, 1000 San Marcelino Str, Ermita, MM 2801 — SM: (DZXQ/DWMM): Reynaldo de Guzman.

54) Magiliw Community Broadc. Corp, Barrio Tomana, Rosales, Pangasinan 0739 — SM: Ben Alipio.
55) Makati Broadc. Corp, Insular Life Bldg, Makati, MM 3117.
56) Marrakesh Broadc. Netw, Mezzanine Flr, CVC Bldg, Juan Luna Str, Butuan C. 8001.
57) MARECO Broadc. Netw, 131 Del Monte Ave, San Francisco del Monte, Quezon City 3010 — SM: (DZBM/DWLM): Manuel Villar, Sr.
58) Masagana Broadc. Corp, Marahan Bldg, Diversion Rd, Barrio Bitas, Cabanatuan C. 2301 — SM: Mar Carlos.
59) Masbate Community Broadc. Inc, Espinosa Sports Ctr, Masbate 5101 — SM: Ely Guadayo.
60) Mascom Netw, 879 Epifanio de los Santos Ave, Quezon City 3004.
61) Molave Broadc. Netw, Suite 31, 3rd Flr, PARC House Bldg, 227 Epifanio de los Santos Ave, Greenhills, Mandaluyong, MM 3119 — SM: (DWEC): Isidro Fernandez.
62) Mount Apo Science Foundation, DSLA Bldg, Bangoy Str, Santa Ana, Davao C. 9501 — SM: Mike Balbin.
63) Mountain Province Broadc. Corp, 102 Bonifacio Str. (P.O. Box 156), Baguio C. 0201 — GM: (DZWT/DZWR): Rev. Fr. William Brasseur. SM: Domitilio Pineda. TD: R. Banares.
64) Mountain View Coll, Malaybalay, Bukidnon 8201 — GM: Dr. Gerundio U. Ellacer. SM & TD: Job G. Tanamal. **F.Pl:** 10kW, FM st.
65) National Irrigation Administration, Cabanatuan C. 2301 — GM: B.M. Mangalindan. SM: Ramon Valmonte. TD: I. Viola.
66) Notre Dame Broadc. Corp, Suite 603, Consolidated Mines Bldg, Ayala Ave, Makati, MM 3117 — SM: (DXND): Rev. Fr. Vicente R. Quioque; (DXMS): Merledge Subido.
67) OMARCO, Calapan, Oriental Mindoro — SM: Honrado Vega.
68) Ormoc Broadc. Co, Barrio Bantique, Ormoc C. 7128 — SM: Carlos E. Rivilla III.
69) Pacific Broadc. Syst, Butuan C. 8001 — SM: Exequiel Galano.
70) Palawan Broadc. Netw, Rizal Ave, Puerto Princesa, Palawan 2901 — SM: Ms. Caridad de Colongon.
71) Philippine Air Force, 501st Communications Squadron, Villamor Air Force Base, Pasay C. MM 3127 — Shares time with DZUP.
72) Philippine Broadc. Corp, 3rd Flr, FJE Bldg, 105 Esteban Str, Legaspi Village, Makati, MM — SM: E. Valdez. TD: L. Galang.
73) PNR Broadc. Netw, PNR Bldg, Don A. Velez Str, Cagayan De Oro C. 8401 — Pres: Pedro N. Roa. SM: Eleuterio Ebajay.
74) RADIO, Inc, 2nd Flr, Marvin Plaza, Pasong Tamo, Makati, MM 3117 — SM: (DWCJ/DWDM): Fred Dandan.
75) Radio Bayanihan Syst, Capitol Site, Batangas C. 4201 — SM: Rev. Fr. Fred Madlangbayan.
76) Radyo Pilipino Corp, Suite 31, 3rd Flr, PARC House Bldg, 227 Epifanio de los Santos Ave, Greenhills, Mandaluyong, MM 3119 — SM: (DYRL): Raymundo Sapa; (DXOW): Emmanuel Oliverio.
77) RCPI Broadc. Netw, Curry Ave, Catbalogan C. 7301 — SM: Victoria Baclay.
78) Ribbon Broadc. Netw, 5th Flr, Lipa City Coll. Bldg, G.A. Solis Str, Lipa C. 4216 — Pres: Dr. Ricardo B. Bonilla. SM: Joe Marasigan.
79) Silangan Broadc. Corp, 55 Magallanes Str, Surigao C. 8501 — SM: Sister Mary Danielle Casiano.
80) South Cotabato Communications Corp, P.O. Box 95, General Santos C. 9701 — SM: Albino Farnazo. TD: B. Caberoy.
81) Southern Philippines Mascom Netw, Zamboanga C. 7801 — SM: F. Alvan.
82) Southseas Broadc. Sce, Associated Labor Union Bldg, Quezon Blvd, Port Area, Cebu C. 6401 — SM: Al Buenaventura.
83) Subic Broadc. Corp, 1 Lower Kalaklan Str, Olongapo C. 2201 — Pres: Amelia Gordon. SM: James Gordon, Jr.
84) Times Broadc. Syst, Diamond Bldg, Don Mariano Marcos Ave, Ozamis C. 9101 — Pres: Emilio Sy.
85) Trans Radio Broadc. Corp, Room 608, Pacific Bank Corp. Bldg, Ayala Ave, Makati, MM 3117 — Pres: E.R. Tuason. SM: (DWRT): Mike Pedero.
86) United Broadc Netw, 4th Flr, Ambrosio Bldg, Buendia Ave, Makati, MM 3116 — SM: (DWBC): Joseph Hodreal; (DWRK): Q. Rebueno Hodreal.
87) Universal Broadc. Syst, Tagbilaran Hotel, G. Luna Str, Tagbilaran, Bohol 6301 — SM: Felix B. Espina. TD: F.A. Garay.
88) Univ. of San Agustin, U. of S. Agustin Compound, General Luna Str, Iloilo C. 5901 — SM: (DYSA): Enrique Pio Campos; (DXMV): Charlie Senase.
89) Univ. of the Philippines, Information Office, Diliman Campus, Quezon 3003 — SM: Cecilia L. Lazaro. TD: Efren Lapuebla. (Shares time with DZHH).
90) Univ. of the Philippines, College of Agriculture, Los Banos, Laguna 3720 — SM: Glenn Paje.
91) Vicente Ragde and Sons, San Carlos, Negros Occidental 6033.
92) Victory Broadc. Syst, Barrio Bitas, Cabanatuan C. 5301 — SM: Jennie Sta. Maria Ramos.
93) Visayan State College of Agriculture, Baybay, Western Samar —SM: (DYAC): Monina Escalada; (DXMU): Felimon Frantilla.
94) Westwind Broadc. Corp, Cuejal Bldg, Northdrive, Bacolod C.6001 — SM: Luis Ledesma. TD: Luis Cuenca. **F. Pl:** Second FM st.
95) Zambales Development and Broadc. Corp, DZOR Bldg, 1683 Rizal Ave, Olongapo C. 2201 — SM: Hector Ruiz.
96) Southern Broadc. Netw, Davao C. 9501 — SM: C. Sapaula.
96a) National Council of Churches in the Philippines, DYSR, Radio Plaza, Campseasite, Banilad, Dumaguete C — Exec. Dir: E.I. Songo. SM: Anita C. Bangay. TD: R. Elesterio.

## FAR EAST NETWORK (AFRTS)

**ADDR. & L.P:** See Far East Network Japan.
**STATIONS:** Angeles City 1512kHz 1kW, FM 95.1MHz 0.6kW — Olongapo City 1251kHz 0.25kW, FM 95.1MHz 0.6kW — Baguio 1314kHz 0.25kW, FM 101.5MHz 0.05kW — San Fernando 1314kHz 0.25kW, FM 95.1MHz 0.05kW — San Miguel 1512kHz 0.25kW, FM 95.1MHz 0.05kW.
**D.PRGR:** 24h.

97) **R. VERITAS ASIA,** Philippine Radio Educational and Information Center, P.O. Box 939, Manila. **Te:** 904692. **Cable:** Veritas. **Telex:** 64220 Vertas PN.
**L.P:** Chmn. & Pres: H.E.J. Cardinal L. Sin. Exec. Vice-Pres. & Gen. Mgr: Ted J. Buhain. Tec. Mgr: Eng. David C. Mapano. Freq. & Monitoring Supervisor: Honorio L. Llavore.
**Transmitters:** Malolos, Bulacan (G.C: 121.49E/14.51N): 1x50kW MW-tr, 1x50kW SW-tr, 2x100 SW-trs.

| kHz | kHz | kHz | kHz | kHz | kHz | kHz |
|---|---|---|---|---|---|---|
| 9550 | 9670 | 9740 | 11730 | 15105 | 15195 | 15275 |
| 9605 | 9695 | 11725 | 11770 | 15135 | 15215 | 15280 |

**Schedule: Nov 1984 — March 1985**

| English | kHz/Beam |
|---|---|
| 0200-0225 | 15195 (270) |
| 1500-1530 | 9670 (287) |
| **Bahasa Indonesia** | |
| 2330-2355 | 11725 (206) |
| 1130-1155 | 9605 (206) |
| | 15105 (260) |
| **Bengali** | |
| 0100-0130 | 15275 (287) |
| 1500-1530 | 9670 (287) |
| **Burmese** | |
| 0100-0125 | 15195 (276) |
| 1300-1330 | 9550 (276) |
| **Chinese** | |
| 2230-2325 | 9740 (338) |
| | 11725 (335) |
| 2300-2330 | 15280 (260) |
| 1030-1125 | 9605 (338) |
| | 11770 (335) |
| 1300-1330 | 9670 (270) |
| | 15215 (260) |
| **Japanese** | |
| 0000-0025 | 15135 (32) |
| 1200-1230 | 9550 (32) |
| **Kachin** | |
| 1330-1355 | 9550 (276) |
| **Karen** | |
| 1130-1200 | 9695 (276) |

| Korean | kHz/Beam |
|---|---|
| 2200-2255 | 9740 (10) |
| | 11725 (32) |
| 1230-1255 | 9550 (32) |
| | 9690 (10) |
| **Sinhala** | |
| 0000-0030 | 11730 (270) |
| 1430-1455 | 9670 (270) |
| **Tamil** | |
| 0030-0100 | 15275 (287) |
| | 11730 (270) |
| 1400-1425 | 9550 (287) |
| | 9670 (270) |
| | 15215 (260) |
| **Telugu** | |
| 0130-0200 | 15195 (270) |
| | 15275 (287) |
| 1330-1400 | 9670 (270) |
| | 15215 (260) |
| **Vietnamese** | |
| 2330-2355 | 9740 (276) |
| | 15280 (260) |
| 0230-0300* | 15195 (276) |
| *) Sun 0330 | 15280 (260) |
| 1200-1225 | 9695 (276) |
| | 15105 (260) |
| 1400-1425 | 9550 (276) |
| | 15215 (260) |

**N:** every half h in the various languages.
**ANN:** "This is R. Veritas Asia, Quezon City, Philippines . . ." (freqs and wavebands are given on the h and half h).
**V.** by QSL-card.
**F.PL:** Prgrs in Hindi, German & Russian.
**PUB:** Newsletter "Wavelength" (monthly); prgr. and transmission schedules are available free.

98) **FAR EAST BROADCASTING CO.**
**ADDR:** Box 1, Valenzuela, Metro-Manila. **Te:** 356611 to 15. **Cable:** Febcom. **Telex:** ITT 40048.
**L.P:** Dir. for the Phil: Fred Magbauna. Prgr. Div. Mgr: Efren Pallorina. Chief Eng: Roberto Dizon. Freq. Mgr: M.D. Chase. Overseas Prgr. Mgr: John Redman.
**PHILIPPINE SCE. in English and Tagalog:** On DZAS 702kHz 24h; On 6030kHz: 2130-2315, 0930-1100.
**Manila's Fine Music Station:** 2200-0400, 0900-1500 on 98.7MHz (mainly class. music).
**Southern Philippine Sts:** DXKI 1062kHz (Koronadal, So. Cotabato), DXFE 1197kHz (Davao City), DXAS 1116kHz (Zamboanga): All st's 2100-1400.
**OVERSEAS SERVICE** (G.C. of the SW-trs: Bocaue, Bulacan 120.55E/14.48N; Iba, Zambales 119.57E/15.22N).

| kHz | kHz | kHz | kHz | kHz | kHz | kHz |
|---|---|---|---|---|---|---|
| 6080 | 9505 | 9675 | 11850 | 11920 | 15385 | 21515** |
| 6115 | 9640 | 9715 | 11860* | 11930 | 15410 | 21530** |
| 6120 | 9670* | 11815 | 11890 | 15345 | 15445 | |
| 7210* | 9675* | 11850* | 11915 | | | |

*) 100kW — **) 2kW. Others 50kW.
**Areas:** I = China Mainland; II = Malaysia/Indonesia/Singapore; III = Australia/New Zealand/New Guinea; IV = Japan; V = Thailand/Laos/Kampuchea/Vietnam/Burma; VI = India/Pakistan/Sri Lanka; VII = USSR.

**Schedule: Nov 84 — March 85**

| Amoy | Area | kHz/Beam |
|---|---|---|
| 2215-2245 | I | 6080 (330) |
| 1000-1030 | I | 11890 (150/330) |
| | II | 15345 (240) |
| **Burmese** | | |
| 2315-2330 | V | 11915 (293) |
| 2330-0115 | V | 15410 (293) |
| 0115-0130* | V | 15410 (293) |
| 1145-1230* | V | 15385 (293) |
| 1230-1400 | V | 15385 (293) |
| 1400-1430* | V | 15385 (293) |

*) tribal languages.

| Cantonese | Area | kHz/Beam |
|---|---|---|
| 0500-0600 | I | 11850 (330) |
| 1100-1200 | I | 9640 (330) |
| 1200-1400 | I | 9715 (330) |
| **English** | | |
| 2300-2400 | II | 15445 (280) |
| 2300-0500 | III | 21515 (140) |
| 0000-0100 | VI | 15445 (280) |
| 0100-0500 | VI | 11815 (280) |
| 0500-1000 | III | 11890 (150/330) |
| | VI | 21530 (285) |
| 1300-1600 | VI | 11850 (280) |

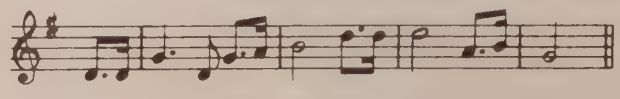
| German | Area | kHz/Beam |
|---|---|---|
| 1800-1900 | VII | 7210 (330) |
| **Hakka** | | |
| 0930-1000 | II | 15345 (280) |
| **Hmong** | | |
| 2300-2330 | V | 6115 (280) |
| **Indian Langs.** | | |
| 0200-0230 | VI | 15410 (293) |
| **Indonesian** | | |
| 2230-2330 | II | 9675 (200) |
| 1000-1100 | II | 11860 (200) |
| **Japanese** | | |
| 1030-1100 | IV | 6120 (30/210) |
| **Javanese** | | |
| 1100-1130 | II | 11860 (200) |
| **Khmer** | | |
| 2330-2400 | V | 9675 (280) |
| 1200-1300 | V | 11920 (280) |
| **Kuki** | | |
| 0130-0145 | VI | 15410 (293) |
| **Lao** | | |
| 2230-2300 | V | 6115 (280) |
| 1130-1200 | V | 11920 (280) |

| Mandarin | Area | kHz/Beam |
|---|---|---|
| 0600-1000 | I | 11850 (330) |
| 1130-1400 | I | 9670 (330) |
| **Metei** | | |
| 0145-0200 | VI | 15410 (293) |
| **Russian** | | |
| 1400-1800 | VII | 7210 (330) |
| **Swatow** | | |
| 1030-1100 | I | 11890 (150/330) |
| | II | 15345 (240) |
| **Tamil** | | |
| 1330-1400 | VI | 9505 (280) |
| **Thai** | | |
| 2215-2230 | V | 6115 (280) |
| 1115-1130 | V | 11920 (280) |
| **Vietnamese** | | |
| 1100-1200* | V | 9505 (290) |
| 1115-1145* | V | 15385 (293) |
| 1200-1300 | V | 9505 (280) |
| 1300-1330* | V | 9505 (280) |

*) tribal languages.

| Wa | | |
|---|---|---|
| 2330-2345 | V | 11915 (293) |

**N. English:** 2330, 0030, 0230, 0330, 0430, 0830, 0930, 1330, 1430, 1530 — **Shortwave Mailbag:** Sun 2345, Thurs 1440, Fri 0840. **Listeners' Requests:** 0200. **Operation Friendship:** Wed 0840, Fri 0140, Sat 2345, Tues 1440.
**ANN:** "This is FEBC Radio International transmitting from the Philippines". "This is FEBC Radio International operating in the (metre bands) on (frequencies). The time is . . . . GMT" (hourly and half-hourly).
**INT-SIG:** "We have heard the Joyful Sound".



**V.** by QSL-card (B). Rp. preferred (3 IRCs for Airmail).
**PUB:** Prgr. schedule free on request. Signal (every month).

### VOICE OF AMERICA RADIO STATION PHILIPPINES

**ADDR:** Voice of America, Washington, DC 20547, USA.
**Poro:** 1x1000kW MW-tr, 2x100kW, 3x50kW and 2x35kW SW-tr's.
**Tinang:** 12x250kW and 3x50kW SW-tr's.
**STATIONS: Mediumwave:** Poro A 1143kHz 1000kW.
**Shortwave:** Poro: 2200-0230, 0800-1600; Tinang: 2130-0400, 0800-1900.

| kHz | kHz | kHz | kHz | kHz | kHz | kHz |
|---|---|---|---|---|---|---|
| 6015 | 7225 | 9620 | 11740 | 11930 | 15290 | 17735 |
| 6030 | 7230 | 9630 | 11760 | 11945 | 15300 | 17740 |
| 6065 | 7260 | 9660 | 11775 | 11965 | 15325 | 17745 |
| 6100 | 7265 | 9675 | 11805 | 15135 | 15330 | 17785 |
| 6110 | 7275 | 9725 | 11840 | 15155 | 15365 | 17810 |
| 6130 | 7285 | 9730 | 11890 | 15160 | 15395 | 17865 |
| 6185 | 9545 | 9740 | 11895 | 15185 | 15410 | 21540 |
| 7120 | 9555 | 9760 | 11910 | 15210 | 15425 | 21630 |
| 7140 | 9575 | 9770 | 11920 | 15215 | 15430 | 21670 |
| 7195 | 9590 | 11715 | 11925 | 15250 | 15445 | 26000 |
| 7210 | 9615 | | | | | |

**D.PRGR: Mediumwaves:** 1100-1230 English, 1400-1500 English, 1530-1630 Vietnamese, 1700-1800 English.
**Shortwave:** See USA.
**ANN, INT-SIG, V:** See main entry under "USA".

## SINGAPORE

**L.T:** UTC + 8h — **Pr.L:** Malay, Chinese, Tamil, English.
**E.C:** a/c 50, 230/400V (yes).

### SINGAPORE BROADCASTING CORP. (Statutory Board)

**ADDR:** Caldecott Hill, Thomson Rd, Singapore 1129. **Te:** 2560401. **Cable:** Broadcast Singapore. **Telex:** RS39265 (SBCGEN).
**L.P:** Chmn: Wee Kim Wee. Dep. Chmn: Cheng Tong Fatt. Gen. Mgr: Mrs. Wong-Lee Siok Tin. Asst. Gen. Mgr (Op's) & Dir. Production Sces: Lim Eng Hai. Asst. Gen. Mgr (Admin) & Dir. Finance & Admin & Dir. Public Rel: Param Ajeet Singh Bal. Dir. Prgr. (Radio): Raymon T.H. Huang. Dir. (Eng): Sebastian Tan Chiaw Hock. Dir. Current Affairs: S. Chandra Mohan. Dir. N: Ananda Perera. Dir. (Comm. Op's): Lee Tong Nge. Dir. Corporate & Projects Planning: Ujagar Singh Gill. Head of Public Rel: Lim Heng Tow. Head (Prgr. Acquisition & Sched. Unit): Miss Sandra Buenaventura. Head (Training): Paul Seow.
**STATIONS** (G.C: 103.42E/01.20N); N = Network; +)1/2/3/4

| kHz | kW | N | kHz | kW | N | kHz | kW | N |
|---|---|---|---|---|---|---|---|---|
| 630 | 50 | 1 | 1368 | 50 | 4 | 7170 | 10 | 4 |
| 675 | 50 | 3 | 5052 | 50 | 1 | 7250 | 50 | 2 |
| 792 | 50 | + | 6000 | 50 | 3 | 9635 | 50 | 3 |
| 990 | 50 | 2 | 6155 | 50 | 2 | 11940 | 50 | 1 |

**FM** (all 10kW ERP)
90.5MHz(1), 92.4MHz (5), 94.2MHz* (2), 95.8MHz (3), 96.8MHz* (4) — *) stereo/mono, others stereo.
**Radio 1 in English:** 2200-1605 on 630/5052/11940kHz + FM; 1415-1600 on 792kHz. **N:** on the h.
**Radio 2 in Malay:** 2045-1605. (On 792kHz: 1100-1300). **N:** 2200, 2300, 0000, 0200, 0400, 0530, 0700, 0900, 1000, 1130, 1300, 1500, 1600.
**Radio 3 in Chinese:** 2200-1605. (On 792kHz: 1300-1415). **N:** on the h.
**Radio 4 in Tamil:** 2200-1300. (On 792kHz: 1000-1100). **In Chinese:** 1300-1600. **N. in Tamil:** 2200, 2300, 0000, 0100, 0200, 0500, 0700, 0900, 1000, 1200. **N. in Chinese Dialects:** 1330, 1430.
**Radio 5 in English/Chinese:** 2200-1605. **N. in English:** 2200, 2300, 0000, 0500, 0700, 1300, 1500, 1600. **N. in Mandarin:** 0100, 0300, 0900, 1000, 1100.
**ANN:** E: "This is SBC Radio One/Five". M: "Inilah Radio Dua Perbadanan Penyiaran Singapura" — **V.** by QSL-card. Rp. Rec. acc — **PUB:** "Radio & TV Times" (Chinese/English) — **FI:** by Gov, Radio & TV Licences and comm. adv — **ALF:** S$80 (colour TV + radio), S$36 (b&w TV + radio), S$18 (radio only), S$18 (car radio).

### BBC FAR EASTERN STATION

**STATION:** 88.9MHz 5kW.
**D.Prgr. in English** (relays of World Sce): 2200-1830.
**INT-SIG:** WS-tune; Bow Bells.

### BBC FAR EASTERN RELAY

**ADDR:** P.O. Box 434, Singapore.
**Shortwaves:** 4x250, 4x100kW trs.

| kHz | kHz | kHz | kHz | kHz | kHz | kHz |
|---|---|---|---|---|---|---|
| 3915 | 6185 | 9570 | 11750 | 11955 | 15310 | 15380 |
| 6010 | 6195 | 9580 | 11850 | 15225 | 15320 | 15435 |
| 6065 | 7120 | 9725 | 11865 | 15280 | 15360 | 17710 |
| 6080 | 7180 | 9740 | 11910 | | | 17880 |

Relays of BBC World Service (2000-0330, 0900-1830) and Sces to Asia. Full details of tr's are included in the BBC schedule under United Kingdom.

## SRI LANKA

## (Dem. Socialist Rep. of)

**L.T:** UTC + 5½h — **Pr.L:** Sinhala, Tamil, English.
**E.C:** a/c 50, 230V (yes).

### SRI LANKA BROADCASTING CORPORATION (Public Corporation)

**ADDR:** P.O. Box 574, Torrington Square, Colombo-7. (Commercial Sce: P.O. Box 1510). **Cable:** Radceylon. **Te:** 92281.
**Telex:** 1408 Broadcast CE.
**L.P:** Chmn: Levy Wijemanne. Dir. Gen: T.G. Gunasekera. Dep. Dir. Gen. (Prgrs): Mrs. C. Ranawake. Dep. Dir. Gen (Eng): L. Pinto. Dir. Sinhala Sce: C. Abeyasekera. Dir. Tamil Sce: V.A. Thirugnasingham. Dir. English Sce. (Comm/Nat.): (Mrs.) M. Williams. Dir. N: D. de Silva. Dir. Foreign Rel: S. Fernando.
**STATIONS:**
1 = Channel One; 2 = Channel Two; E = English; T = Tamil; S = Sinhala; R = Regional Service; FS = Foreign Sce; ES = Educational Sce; + = under construction.

| Mediumwaves | kHz | kW | Sce | | kHz | kW | Sce |
|---|---|---|---|---|---|---|---|
| Ambawela | 531 | 20 | S1/ES | Ratnapura | 729 | 10 | S1 |
| Diyagama | 558 | 10 | T1/T2 | Kantalai | 747 | 20 | S1/T1/T2 |
| Senkadagala | 567 | 10 | S1/ES | | | | |
| Kantalai | 585 | 20 | S2 | Anuradhapura | 774 | 10 | S2/ES |
| Weeraketiya | 594 | 50 | R/ES | Senkadagala | 819 | 10 | S2 |
| Ratnapura | 603 | 20 | S2 | Galle | 826 | 1 | S1 |
| Diyagama | 621 | 20 | S2 | Amparai | 855 | 20 | S1/S2 |
| Maho | 639 | 50 | R/S2/ES | Diyagama | 873 | 20 | T2/E1/ES |
| Ambawela | 648 | 20 | S2 | Diyagama | 918 | 25 | E2 |
| Weeraketiya | 675 | 20 | + | Amparai | 972 | 20 | T1/T2 |
| Amparai | 693 | 20 | T2/E1/E2/ES | Galle | 1026 | 10 | S1/S2 |
| | | | | Mahiyangana | 1485 | 1 | S2 |
| Diyagama | 702 | 25 | S1/ES | Mahiyangana | 1602 | 1 | S1 |

**SHORTWAVES:** Ekala (G.C: 70.54E/07.06N)

| kHz | kW | Prgr. | Times |
|---|---|---|---|
| 4870 | 10 | S2 | 0000-0300, 1000-1730 |
| 4902 | 10 | S1 | 0000-0230, 1030-1730 |
| 4940 | 10 | ES | 0030-0300, 1100 (Sat/Sun 1030)-1730 |
| 4968 | 10 | T2 | 0000-0300 |
| | | ES | 1130-1400 (Mon-Fri) |
| | | T2 | 1400 (Sat/Sun 1230)-1730 |
| 5020 | 10 | T1 | 0000-0300, 1230-1700 |
| 6005 | 10 | FS | 0300-0430 |
| 6075 | 10 | ES | 0233-0703 (Mon-Fri) |
| | | FS | 1230-1600 |
| 6130 | 10 | E2 | 0300-0330 (Sat/Sun 0430) |
| | | | 0730-0930 (Sat/Sun 1030) |
| 6150 | 10 | T1 | 0300-0630 (Sat/Sun) |
| | | T2 | 0630-1030 |
| 6185 | 10 | S2 | 0230-1030 |
| 7190 | 10/35 | FS | 0030-0430, 0630-1730 |
| 9720 | 35 | FS | 0030-0430, 1230-1730 |
| 11800 | 100 | FS | 0030-0430, 0630-1630 |
| | | | 1645-1845 |
| 11835 | 35 | FS | 1030-1130 |
| 15120 | 35/100 | FS | 0630-0830, 1030-1130 |
| 15425 | 100 | FS | 0030-0430, 1230-1600 |
| 17850 | 35 | FS | 1030-1130 |

**FM** (stereo): Colombo 91.7MHz 1kW, Radella 94.4MHz 1kW.
Other FM st's: 6x0.1kW tr's at Colombo, 6x0.1kW tr's at Radella, 2x0.1kW tr's at Mannar, relaying the various Home Sces.

**HOME SERVICES:**
**Channel One:**
**Sinhala:** 0000-0230, 1030-1730 (0230-0630 Sat/Sun) on listed frequencies + FM: 97.0/98.3/102.3/103.5MHz. (Special All Night Service on Full Moon Days: 0930-2400 on MW & 4902kHz, 1730-2400 on 1026kHz.
**Ann:** "Me Sri Lanka Guwan Viduli Sansthave Sinhala Palamuvani Sevayai".
**Tamil:** 0000-0300 on 558/5020kHz, 1230-1700 on listed freq's + FM 89.7/106.5/108.7MHz. (Sat/Sun 0300-0600 on 558/6150kHz). (Special Ramadan period sce: 2115-2315 on 558/972/990/5020kHz.
**Ann:** "Elangai Oliparappu Kootuthapanam Tamil Chevaya Ondu".
**Educational Sce:** Mon-Fri 1130-1400 (Mon/Wed/Fri in Sinhala/English, Tues/Thurs in Tamil/English) on 639/693/873/4968kHz + FM 97.0/98.3/102.3/103.5/105.6MHz, 1130-1230 on 864kHz.
**Channel Two**
**Sinhala:** 0000-1730 on listed freq's exc. 1026kHz only at 0015-0330, 0530-0730, 1130-1730 (Sat/Sun 0015-0730) + FM 88.4/102.3MHz.
**Ann:** "Me Sri Lanka Guwan Viduli Sansthave Sinhala Devani Sevayai".
**Tamil:** 0030-0430 on 873/972/990kHz + SW, 0630-1815 on 558/972/990kHz + SW + FM 87.5/105.6/106.5/108.7MHz.
**Ann:** "Elangai Oliparapu Kootuthapanam Tamil Chevaya rendu".
**English: Comm.Sce** W 0030-0430, 0730-0830 & 1100-1530 (Sun 0730-1530); **National Sce:** 0430-0730 (Sun) & 1530-1730 on listed freq's + FM 93.3/100.2/102.3MHz — **N.** 0115, 0200, 0745, 1245, 1530, 1645.
**Ann:** "This is the Commercial/National Sce. of the Sri Lanka Broadcasting Corp".
**FM Stereo Sce.** 0430-0630 (Sun), 1230-1730 in **English** on 91.7/94.4MHz — **Ann:** "This is studio STX of the Sri Lanka Broadc. Corp".

**REGIONAL SERVICES**
"Ruhunu Sevaya" on 594kHz, "Rajarata Sevaya" on 774kHz: 0000-0230 (Sat/Sun 0730), 1130-1700.; "Mahanuwara Sevaya" in Tamil/Sinhala 1100-1700 on 531/567kHz (Mahaweli Community R. Thurs-Sat 1500-1600).

**FOREIGN SERVICE**
**Services:** I = All Asia Sce; II = South East Asia Sce; III = African and Middle East Sce; IV = Europe; (A) = Mon-Fri; (B) = Mon; (C) = Wed; (D) = Thurs; (E) = Fri; (F) = Sat; (G) = Sun

| Arabic | Sce | kHz |
|---|---|---|
| 0030-0430 | I | 6005, 9720, 15425 |
| 1030-1130 | II | 11835, 15120, 17850 (exc. 1030-1045CFG, 1100-1115B) |
| 1230-1600 | I | 6005, 9720, 15425 |
| 1745-1815 | III | 11800 + FM 101.2MHz |
| **Hindi** | | |
| 0030-0430 | I | 7190, 11800 (exc. 0330-0400C) |
| 0430-0630G, 0630-0830 | I | 7190, 11800 (exc. 0715-0800DE) |
| 1330-1730 | I | 7190, 11800 (exc. 1400-1430F, 1615-1630DE) |
| **Japanese** | | |
| 1100-1115B, 1030-1045F | II | 11835, 15120, 17850 |
| **Marathi/Bengali** | | |
| 1615-1630D | II | 7190, 11800 |
| **Nepali** | | |
| 0330-0400C, 1400-1430F | I | 7190, 11800 |
| **Sinhala** | | |
| 1030-1045CG | II | 11835, 15120, 17850 |
| 1645-1745 | III | 11800 + FM 101.2MHz |
| **Tamil** | | |
| 0830-1330 | I | 7190, 11800 (exc. 0845-0900G, 0930-0945G, 1030-1045G) |
| 1815-1845 | III | 11800 + FM 101.2 MHz |
| **Urdu** | | |
| 1615-1630E | I | 7190, 11800 |

**DX-PRGR.** in English (produced by Adventist World Radio): Sun 1330.

**UADX, Sri Lanka's only DX Club, is also one of the most useful sources of information about Asian stations—see the club list in this edition.**

## TRANS WORLD RADIO (Rlg)

**ADDR:** P.O. Box 364, Colombo (Addr. in India: Box 4310, New Delhi 110019). **Te:** 82454. **Cable:** Votan.
**L.P:** Field Dir: Arnold H. Remtema. Op's Mgr: Brian Moyer. Chief Eng: Robert Schultz.
**STATION:** Puttalam 882kHz 400kW.
**D.PRGR:** 2230-0130, 0530-0630, 1330-1700.
2230-2300 Bengali, 2300-2400 Hindi, 0000-0015 Oriya/Telugu, 0015-0035 Telugu, 0035-0055 Kannada, 0055-0130 Malayalam, 0530-0630 **English;** 1330-1405 Telugu, 1405-1420 Urdu/Santali, 1420-1425 Kannada, 1425-1500 Gujarati, 1500-1520 Hindi, 1520-1535 Marathi/Hindi/Punjabi, 1535-1555 Marathi, 1555-1630 Oriya, 1630-1700 Hindi.
**ANN:** "Vishwa Vani" — **V.** by QSL-card (B).

## ADVENTIST WORLD RADIO—AWR SOUTHERN ASIA (Rlg)

**ADDR:** P.O. Box 15, Poona 411001, India.
**D.PRGR:** In various languages over SLBC, also from other st's in Asia and the Pacific. Full details under "Religious Broadcasting Organisations".

## VOICE OF AMERICA RADIO STATION COLOMBO

**ADDR:** Voice of America, Washington, DC 20547, USA.
**STATIONS:** Colombo (G.C: 79.54E/07.06N): 3x35kW SW-tr's.

| kHz | kHz | kHz | kHz | kHz | kHz | kHz |
|---|---|---|---|---|---|---|
| 7105 | 7115 | 7125 | 9645 | 11710 | 15250 | 15395 |

**D.PRGR:** See U.S.A.
**ANN, INT-SIG, V:** See main entry, under 'USA'.

## DEUTSCHE WELLE RELAY STATION

**ADDR:** 6 Queens Ave, Colombo 3. **Te:** 580560.
Project Eng: Rainer Geissman.
**STATIONS:** 1 × 600kW MW-tr. & 3 × 250kW SW-tr's will begin operation in 1985 (see WRTH Newsletter for details).

# THAILAND

**L.T:** UTC + 7h — **Pr.L:** Thai — **E.C:** a/c 50, 220/380V(no).

## RADIO AND TELEVISION EXECUTIVE COMMITTEE (RTEC)

Constituted under the Broadcasting and TV Law 1975, this body consists of 17 representatives from 14 Government agencies. It controls Administrative, Legal, Technical and Programming aspects of broadcasting in Thailand.
**ADDR: Programme, Administration and Law Section:** Div. of RTEC Works, Gov. Public Rel. Dept, Rajchadamnern Klang Rd, Phra Nakhon Region, Bangkok 10200. **Technical Section:** Radio Frequency Admin. Office, Post & Telegraph Dept, Soi Sai Lom. Phaholyothin Rd, Saam Sen Nai, Phraya Thai Region, Bangkok 10400. **Te:** 2793181-9. **Cable:** Telepost. **Telex:** 82503 POSTEL TH.
**STATIONS:** All st's are operated by Gov. agencies and/or under the supervision of the Gov.
**Mediumwaves:** (N = Nakhon, U = Ubon).

| | kHz | kW | Location | | kHz | kW | Location |
|---|---|---|---|---|---|---|---|
| 1) | 531 | 50 | Maha Sarakham | 1) | 639 | 10 | Phuket |
| 13) | 540 | 10 | Bangkok | 1) | 648 | 55 | Khon Kaen |
| 1) | 549 | 10 | Krabi | 10) | 657 | 10 | Samut Sakhon |
| 1) | 549 | 100 | Lampang (E) | 11) | 657 | 1 | N. Phanom |
| 1) | 549 | 10 | N. Phanom | 17) | 675 | 20 | Chieng Mai |
| 1) | 558 | 50 | Songkhla (E) | 4) | 684 | 20 | Bangkok |
| 10) | 558 | 10 | Chaiyaphum | 24) | 693 | 20 | Saraburi |
| 43) | 576 | 10 | Bangkok | 41) | 702 | 10 | Lopburi |
| 8) | 585 | 10 | Phrae | 19) | 711 | 20 | Chieng Mai |
| 31) | 585 | 20 | Prachinburi | 19) | 711 | 20 | Bangkok |
| 5) | 585 | 10 | Chumporn | 1) | 711 | 50 | U. Ratchathani (E) |
| 8) | 585 | 10 | Phitsanulok | 1) | 729 | 50 | N. Rajchasima |
| 5) | 594 | 10 | Khon Kaen | 18) | 738 | 10 | Chieng Mai |
| 40) | 603 | 20 | Bangkok | 18) | 738 | 20 | Bangkok |
| 20) | 612 | 20 | Lopburi | 11) | 747 | 1 | Khon Kaen |
| 1) | 621 | 100 | Bangkok (E) | 15) | 747 | 10 | Surin |
| 22) | 630 | 10 | Bangkok | 14) | 747 | 1 | Prachinburi |
| 1) | 639 | 50 | Prachinburi | 12) | 747 | 1 | Surat Thani |
| 1) | 639 | 20 | N. Si Thammarat | 5) | 747 | 10 | Songkhla |
| | | | | 11) | 747 | 10 | Udon Thani |

| | kHz | kW | Location |
|---|---|---|---|
| 1) | 756 | 50 | Krabi (E) |
| 9) | 756 | 50 | Narathivas |
| 6) | 765 | 20 | Lampang |
| 6) | 765 | 10 | Bangkok |
| 25) | 774 | 10 | Udon Thani |
| 20) | 783 | 20 | Lopburi |
| 13) | 792 | 20 | Bangkok |
| 2) | 801 | 10 | Chieng Rai |
| 2) | 801 | 5 | U. Rajchathani |
| 2) | 801 | 5 | N. Rajchasima |
| 2) | 801 | 5 | Lopburi |
| 2) | 801 | 1 | Prachuap Khiri Khan |
| 1) | 810 | 10 | Nong Kai |
| 1) | 810 | 7 | Khon Kaen |
| 1) | 810 | 10 | Trang |
| 1) | 819 | 10 | Bangkok |
| 1) | 819 | 10 | Satoon |
| 8) | 828 | 10 | Sukhothai |
| 13) | 828 | 20 | Rayong |
| 9) | 837 | 50 | Sakon-Nakhon |
| 1) | 846 | 10 | Bangkok |
| 1) | 864 | 10 | Tak |
| 3) | 864 | 10 | Bangkok |
| 1) | 873 | 10 | Phattalung |
| 1) | 891 | 1000 | Saraburi |
| 1) | 909 | 50 | Surin |
| 7) | 918 | 10 | Chieng Mai |
| 1) | 918 | 1 | Chanthaburi (E) |
| 1) | 927 | 20 | Bangkok |
| 8) | 936 | 10 | Chieng Rai |
| 11) | 936 | 10 | N. Rajchasima |
| 12) | 936 | 5 | N. Si Thammarat |
| 12) | 936 | 1.5 | Pattani |
| 1) | 936 | 50 | N. Sawan (E) |
| 2) | 954 | 5 | N. Sawan |
| 2) | 954 | 5 | Phitsanulok |
| 2) | 954 | 5 | Udon Thani |
| 2) | 954 | 1.5 | Maha Sarakham |
| 2) | 954 | 5 | Bangkok |
| 2) | 954 | 5 | Chanthaburi |
| 5) | 963 | 10 | N. Rajchasima |
| 1) | 963 | 50 | Krabi |
| 9) | 972 | 50 | Phetchaboon |
| 1) | 981 | 5 | Mae Hong Son |
| 1) | 981 | 10 | N. Phanom |
| 3) | 981 | 10 | Bangkok |
| 1) | 981 | 50 | Yala |
| 7) | 990 | 10 | N. Rajchasima |
| 16) | 1008 | 10 | Bangkok |
| 1) | 1026 | 50 | Phitsanulok |
| 1) | 1026 | 10 | Baytong |
| 6) | 1035 | 20 | Bangkok |
| 15) | 1044 | 10 | Khon Kaen |
| 32) | 1053 | 20 | N. Sawan |
| 23) | 1053 | 10 | Lampang |
| 11) | 1053 | 10 | Khon Kaen |
| 12) | 1053 | 10 | N. Si Thammarat |
| 22) | 1062 | 20 | Bangkok |
| 5) | 1080 | 10 | N. Sawan |
| 5) | 1080 | 10 | Yala |
| 6) | 1089 | 10 | Udon Thani |
| 6) | 1089 | 2 | Bangkok |
| 7) | 1098 | 10 | Songkhla |
| 1) | 1098 | 10 | Tak |
| 4) | 1107 | 20 | Chonburi |
| 17) | 1116 | 20 | Samut Sakhon |
| 1) | 1125 | 50 | Chanthaburi |
| 1) | 1134 | 10 | Lampang |
| 1) | 1134 | 10 | Kanchanaburi |
| 1) | 1134 | 10 | Phang-Nga |
| 39) | 1143 | 25 | Bangkok |
| 18) | 1152 | 20 | Chieng Mai |
| 4) | 1161 | 20 | N. Phanom |
| 4) | 1161 | 10 | Rayong |
| 25) | 1170 | 20 | Bangkok |
| 4) | 1179 | 20 | Chanthaburi |
| 15) | 1188 | 10 | Sakon Nakhon |

| | kHz | kW | Location |
|---|---|---|---|
| 8) | 1188 | 10 | Phitsanulok |
| 14) | 1188 | 10 | Prachinburi |
| 27) | 1197 | 20 | Bangkok |
| 15) | 1215 | 10 | Phrae |
| 11) | 1215 | 10 | U. Rajchathani |
| 1) | 1215 | 50 | Surat Thani |
| 2) | 1224 | 10 | Chieng Rai |
| 2) | 1224 | 10 | Bangkok |
| 8) | 1233 | 1 | Mae Hong Sorn |
| 5) | 1233 | 10 | Udon Thani |
| 14) | 1233 | 10 | Prachuap Khiri Khan |
| 8) | 1242 | 10 | Lampang |
| 26) | 1242 | 1 | Pha Yao |
| 8) | 1242 | 10 | Phetchaboon |
| 10) | 1242 | 10 | Roi Et |
| 1) | 1242 | 50 | Surat Thani (E) |
| 2) | 1251 | 20 | Bangkok |
| 1) | 1260 | 50 | Chieng Rai |
| 17) | 1269 | 20 | Songkhla |
| 21) | 1278 | 20 | Bangkok |
| 5) | 1287 | 10 | Chieng Rai |
| 8) | 1287 | 10 | Uttaradit |
| 5) | 1287 | 10 | U. Rajchathani |
| 5) | 1287 | 10 | N. Si Thammarat |
| 1) | 1296 | 10 | Pattani |
| 13) | 1305 | 10 | Bangkok |
| 17) | 1314 | 20 | Khon Kaen |
| 2) | 1323 | 10 | Chieng Mai |
| 2) | 1323 | 1 | N. Phathom |
| 2) | 1323 | 10 | Surat Thani |
| 2) | 1323 | 10 | Songkhla |
| 33) | 1332 | 10 | Bangkok |
| 1) | 1341 | 10 | Loei |
| 1) | 1341 | 50 | U. Rajchathani |
| 1) | 1341 | 10 | Phang Nga |
| 23) | 1350 | 10 | Lampang |
| 5) | 1350 | 10 | Trang |
| 16) | 1359 | 10 | Bangkok |
| 11) | 1359 | 10 | Kalsin |
| 1) | 1368 | 50 | Nan |
| 1) | 1368 | 10 | Chumporn |
| 26) | 1377 | 10 | Phitsanulok |
| 3) | 1386 | 20 | Bangkok |
| 9) | 1395 | 25 | Chieng Rai |
| 10) | 1404 | 10 | Yaso Thon |
| 6) | 1413 | 10 | Bangkok |
| 7) | 1422 | 10 | Phitsanulok |
| 4) | 1431 | 20 | Songkhla |
| 8) | 1440 | 1 | Nan |
| 11) | 1440 | 10 | N. Phanom |
| 5) | 1440 | 10 | Samut Sakhon |
| 20) | 1449 | 5 | Lopburi |
| 10) | 1458 | 10 | Sri Saket |
| 4) | 1458 | 20 | Phuket |
| 1) | 1467 | 100 | Bangkok (E) |
| 1) | 1476 | 100 | Lumphun |
| 1) | 1485 | 1 | Surat Thani |
| 12) | 1485 | 1 | Trang |
| 12) | 1485 | 1 | Krabi |
| 1) | 1485 | 1 | Yala |
| 39) | 1494 | 25 | Bangkok |
| 18) | 1503 | 20 | Khon Kaen |
| 11) | 1503 | 10 | Sakon Nakhon |
| 10) | 1503 | 10 | Surat Thani |
| 15) | 1512 | 10 | Pha Yao |
| 14) | 1512 | 10 | Suphanburi |
| 11) | 1512 | 10 | Surin |
| 9) | 1521 | 25 | Bangkok |
| 5) | 1530 | 10 | Uttaradit |
| 14) | 1530 | 10 | Chanthaburi |
| 13) | 1539 | 10 | Udon Thani |
| 16) | 1548 | 10 | Bangkok |
| 24) | 1557 | 10 | Phetchaboon |
| 37) | 1575 | 1000 | Ayutthaya |
| 3) | 1584 | 2 | Chieng Mai |
| 14) | 1584 | 1 | Rajchaburi |
| 1) | 1584 | 1 | Trad |

| | kHz | kW | Location |
|---|---|---|---|
| 12) | 1584 | — | Surat Thani |
| 12) | 1584 | 1 | Pattalung |
| 1) | 1593 | 10 | Ranong |
| 1) | 1602 | 10 | Burirum |
| 12) | 1602 | — | N. Si Thammarat |
| 12) | 1602 | 10 | Songkhla |
| 1) | 1602 | 10 | Ratchaburi (N) |

(E) = Educational Sce, (N) = News Sce.

**FM:** °) stereo; a = Bangkok, b = Chanthaburi, c = Phuket, d = Songkhla, e = Chieng Mai, f = N. Rajchasima, g = N. Si Thammarat, h = Chieng Rai, i = Surin, j = Phitsanulok, k = Yala, l = Narathiwat, m = Sakon Nakhon, n = Surat Thani, o = Lampang, p = Tak, q = Khon Kaen, r = U. Rajchathani, s = Udon Thani, ss = Samut Songkham, t = Phetchaboon, u = Burirum, v = Mae Hong Son, w = Satoon, x = N. Phanom, y = Chonburi, z = Ranong, + = N. Sawan, * = Prachinburi, (E) = Educational Sce. .

| | MHz | | MHz | | MHz |
|---|---|---|---|---|---|
| 1) | 88.0a | 1) | 95.5a | 3) | 101.75u |
| 4) | 88.0b | 1) | 95.5n | 3) | 101.75c |
| 4) | 88.0c | 1) | 95.5o | 1) | 102.0v (E) |
| 30) | 88.0d | 1) | 95.75h | 21) | °102.0a |
| 31) | 88.25* | 18) | °96.0a | 1) | 102.0p |
| 4) | °88.5a | 1) | 96.0n | 3) | 102.0q |
| 1) | 88.75e | 39) | °96.5a | 3) | 102.25d |
| 13) | °89.0a | 1) | 96.5n | 2) | 102.5e |
| 1) | 89.25e | 1) | 97.0a | 2) | 102.5a |
| 38) | °89.5a | 3) | 97.0n | 10) | °103.0a |
| 3) | °89.5d | 3) | 97.5i | 29) | 103.0q |
| 16) | °90.0a | 3) | 97.5n | 3) | 103.5w |
| 4) | 90.0d | 39) | °97.5a | 35) | 103.5a |
| 19) | °90.5a | 3) | °98.0e | 4) | 104.0x |
| 3) | 90.5d | 3) | 98.0n | 7) | 104.5q |
| 2) | 90.5f | 16) | °98.0a | 40) | °104.5a |
| 1) | 90.5b | 6) | 98.5p | 4) | °104.75y |
| 1) | 90.5c | 1) | 98.5q | 1) | 105.0a |
| 7) | °91.0a | 6) | °98.5a | 3) | 105.25c |
| 13) | °91.5a | 3) | 98.5r | 34) | °105.5a |
| 7) | 91.5g | 6) | 99.0s | 44) | 105.75z |
| 27) | 92.0a | 39) | °99.0a | 7) | 105.75+ |
| 1) | 92.5a | 9) | 99.0t | 1) | 105.75f |
| 9) | 92.75h | 7) | 99.0n | 1) | 105.75z (E) |
| 2) | °93.0a | 9) | 99.25l | 4) | °106.0a |
| 1) | 93.5i | 9) | °99.5a | 6) | °106.25z |
| 1) | °93.5a | 3) | 99.5q | 3) | 106.25f |
| 42) | 94.0a | 7) | 99.5r | 6) | °106.5a |
| 3) | 94.25j | 28) | 100.0e | 11) | 106.75f |
| 2) | °94.25h | 42) | °100.0a | 39) | °107.0a |
| 3) | 94.5k | 9) | 100.25h | 6) | 107.5a |
| 10) | °94.5a | 39) | °100.5a | 44) | 107.5ss |
| 9) | 94.75m | 9) | 101.0a | 39) | 107.75y |
| 1) | 95.0k | 36) | °101.5a | | |
| 39) | °95.0a | | | | |

**Shortwaves:** Pathumthani (G.C: 100.43E/14.03N)

| | kHz | kW | | kHz | kW | | kHz | kW |
|---|---|---|---|---|---|---|---|---|
| 1) | 4830 | 10 | 1) | 7115 | 10 | 1) | 11905 | 100 |
| 1) | 6070 | 10 | 1) | 9665 | 50 | | | |

**Other information:** Abbreviated short names, e.g. Thor Thor Thor, serve as station ann. if preceded by "Thini. . ." ("Here is . . ."). Full name, given in brackets, is usually preceded by "Thini, Sathani Withayu Krachaisiang . . ." ("Here is R. St . . .").
**Numerals,** preceded by "Thii" ("number") are: 0 soon, 1 nung, 2 song, 3 saam, 4 sii, 5 ha, 6 hock, 7 jed, 8 pat, 9 kao, 10 sip.

## RADIO THAILAND (Gov.)

**ADDR:** Gov. Public Rel. Dept, Rajchadamnern Klang Rd, Phra Nakhon Region, Bangkok 10200. **Te:** 2818883.
**L.P:** Dir. Gen: Danai Sriyabhai. Dep. Dir. Gen: Chamnong Koomalayavisai, Manit Varin. Dir. Radio Thailand: Aroon Ngam-Dee. Dir. Home Sce: Charulin Musikapong. Dir. Ext. Sce: Mrs. Ramyong Sakornpan.
**HOME SCE: Prgr.I:** 2245-1600 on 891/4830/6070/7115kHz + FM 92.5/95.5MHz. **N:** On the h. exc. 0500, 0600 & 1100. Also 0530 & 1540.
**Prgr.II:** 2300-0400 & 0700-1400 on 846kHz + FM 105.0MHz. **N:** 0000,1300 (relay Prgr. I).
**Prgr.III:** 2300-1500 on 819kHz + FM 93.5MHz(traffic and public affairs information). **N:** Relay Prgr. I.
**Educational Sce:** 2200-1640 on all (E) tr's.
**News Sce:** 2230-0300 on Ratchaburi 1602kHz (experimental).

**Provincial Stations:** See MW/FM Frequency List and "Other Stations" (below).
**EXTERNAL SCE:** On 927/9655/11905kHz + FM 88.0/97.0MHz: **English:** 2250-0425, 0500-0600, 1130-1230; **French:** 0430-0500; **Lao:** 0915-1000; **Mandarin:** 1000-1030; **Thai:** 1030-1100; **Vietnamese:** 1100-1130; **Khmère:** 1230-1300; **Malay:** 1300-1400; **Japanese:** 1400-1430.
**INT-SIG:** Gong. The following melody is played at sign-on (followed by the National Anthem):

**V.** by QSL-card.
**ANN:** E: "This is HSK9, Radio Thailand, External Sce".

## OTHER STATIONS

1) **Sathani Withayu Krachaisiang Hang Prathet Thai, Sor. Wor. Tor. (Radio Thailand). HQ addr:** See above; **Provincial addresses:** Most st's can be reached by quoting "Sor. Wor. Tor" and the location given in the freq. list, followed by the phrase "Muang District", and finally the city, which is generally the same as in the freq. list. Exceptions are the following: **Lamphun:** The tr. is in Lamphun, but the studios are in Chieng Mai; **Phang Nga:** The addr. for 1134kHz is Takuapa District, Phang Nga 82110; **Saraburi:** Studios in Bangkok. The 1000kW tr. addr. is: Rim Klong Hog Wa, Moo 4, Nong Rong, Nong Care, Saraburi 18140; **Tak:** The addr. for 1098kHz is Mae-Sod Tak Rd, Mae Sod District, Tak 63110; **Yala:** The addr. for 1026kHz is Baytong District, Yala 95110.
2) **Tor. Or.** (Thahaan Akart), Royal Thai Air Force, Directorate of Communications & Electronics, Bangkok Airport, Wip avadee Rungsit Rd, Don Muang, Bang Khen region, Bangkok 10900.
3) **Por. Chor. Sor.** (Krom Pracha Samphun), Govt. Public Rel. Dept, Rajchadamnern Ave, Phra Nakhon region, Bangkok 10200.
4) **Sor. Tor. Ror.** (Siang Chak Thanaan Rua), The Voice of the Navy, Naval Communications Dept, Phra Ratchawang Derm Thonburi, Wat Arun, Bangkok Yai Region, Bangkok 10600.
5) **Wor. Por. Tho.** (Withayu Pracham Thin), Communications Division, Signals Dept, Royal Thai Army.
6) **Nung. Por. Nor.** (Krom Paisanee Thoralek), Post & Telegraph Dept, Sam Sen Nai, Phraya Thai Region, Bangkok 10400. **Te:** 2793181. **Cable:** Telepost. **Telex:** 85203 Postel TH.
7) **Sor. Wor. Por.** (Sathani Withayu Pitaksantirat), Police Broadc. Sces, 2nd Communication Div., Directorate of Police Communications, Police Dept, Bang Khen Region, Bangkok 10900.
8) **Tor. Por. Saam (3)** (Kongthap Pak Tii Saam), The 3rd Army Area, Somdej Phranarasuan Maharat Camp, Muang District, Phitsanulok 65000.
9) **Wor. Sor. Kor. Ror. Por. Klang** (Withayu Krachaisiang, Kong Amnuay Kam Klang Raksa Kham Prod Phai (Hang Chat), Central Security Division Radio Station, Radio Broadcasting Division, Headquarters of Supreme Command, Sanam Sua Pa, Rajchadamnern Nok Ave, Dusit Region, Bangkok 10300.
10) **Chor. Sor.** (Krom Chaye Thahaan Süesarn), Broadcasting Control Section, Radio and TV Division, Signals Dept, Royal Thai Army, Phra Ram V Rd, Saphan Daeng, Bangsüe, Dusit Region, Bangkok 10300.
11) **Tor. Por. Song** (Kongthap Pak Tii Song), The 2nd Army Area, Suranaree Camp, Po Klang, Muang District, Nakon Ratchasima 30000.
12) **Tor. Por. Sii** (Kongthap Pak Tii Sii) The 4th Army Area, Vachiravadh Camp, Rajchadamnern Rd, Pak Poon, Muang District, Nakhon Srithammarat 80000.
13) **Yan Kraw,** The 4th Cavalry Batallion (Armoured Unit, Royal Guard), Bangkrabüe Rd, Bangsüe, Dusit Region, Bangkok 10300. (On 792kHz, prgrs produced by Buddhism Diffusion Center, Apitham Mahathat College Foundation).
14) **Tor. Por. Nung.** (Kongthap Pak Thii Nung), The 1st Army Area, Suan Missakawan, Rajchadamnern Nok Ave, Dusit Region, Bangkok 10300.
15) **Kor. Wor. Sor.** (Kitkarn Withayu Krachai Siang), Radio Broadc. & TV Division, Signals Department, Royal Thai Army, Phra Ram V Rd, Saphan Daeng, Bangsüe, Dusit Region, Bangkok 10300.
16) **Phol Nung Ror. Or.** (Kongphol Thii Nung Raksa Phra Ong), The 1st Infantry Division (Royal Guard) HQ, Phitsanulok Rd, Dusit Region, Bangkok 10300.
17) **Mor. Kor.** (Mahavitthayalai Kasetsart), Extension & Training Center, Kasetsart University, Lad Yao, Bang Khen Region, Bangkok 10900. **Te:** 5792294/5790537.
18) **Ror. Dor.** (Kromkarn Raksa Dindan), Territorial Defence Dept, Suan Chaochet, Sanamchai Rd, Wat Po, Phra Nakhon Region, Bangkok 10200.
19) **Wor. Por. Tor.** (Withayu Kromkarn Phalang Ngan Thahaan), Defence Energy Dept., Phetchabari Rd, Pratumwan Region, Bangkok 10500.
20) **Wor. Sor. Por.** (Withayu Soonkarn Thahaan Pin Yai), Artillery Center, Phaholyothin Camp, Koke Kratiem, Muang District, Lopburi 15160.
21) **Kho. Sor. Tor. Bor.** (Kromkarn Khong Song Thahaan), Army Transportation Dept., Bang-Krabüe Rd, Dusit Region, Bangkok 10300.
22) **Mor. Tor. Bor. Nung** (Monthol Thahaan Bok Thii Nung), HQ of the 1st Army Region, at the approach of Kesa Komon, Amnuay Songkram Rd, Dusit Region, Bangkok 10300.
23) **Mor. Tor. Bor. Jed** (Monthol Thahaan Bok Thii Jed), The 7th Army Area HQ, Surasak Montree Camp, Phichai, Muang District, Lampang 52000.
24) **Siang Adison,** The Voice of Adison Camp, Cavalry Center, Adison Camp, Muang District, Saraburi 18000.
25) **Sor. Sor. Sor.** (Siang Samyod), Radio Broadc. Section, The 2nd Communication Division, Directorate of Police Communications, Police Dept., Bangkhen Region, Bangkok 10900.
26) **Wor. Phol. Sii** (Withayu Kong Phol Thii Sii) HQ of the 4th Infantry Division, Somdej Phranarasuan Maharat, Muang District, Phitsanulok 65000.
27) **Wor. Sor. Sor.** (Withayu Suksa), Center for Educational Innovation and Technology, Dept. of Non-Formal Education, Min. of Education, Rajchadamnern Nok Ave, Dusit Region, Bangkok 10300.
28) **Mor. Chor.** (Mahavitthayalai Chieng Mai) Mass Communication Branch, Faculty of Humanities. Chieng Mai University, the approach of Doi Suthep, Huay Krew Rd, Suthep, Muang District, Chieng Mai 50000.
29) **Mor. Kho.** (Mahavitthayalai Khon Kaen), Khon Kaen University, Naimuang, Muang District, Khon Kaen 40000.
30) **Mor. Sor.** (Mahavitthayalai Songkhla Nakarin), Songkhla Nakarin University, Had Yai Campus, Khohong, Had Yai District, Songkhla 90110.
31) **Mor. Tor. Bor. Song** (Monthol Thahaanbock Thii Song), The 2nd Army Region, Chak Krapong Camp, Dong Phra Ram, Muang District, Prachinburi 25000.
32) **Mor. Tor. Bor. Sii** (Monthol Thahaanbock Thii Sii), HQ of the 4th Army Region, Jiraprawat Camp, Muang District, Nakhon Sawan 60000.
33) **Or. Sor.** (Amporn Sathan), Amporn Sathan Throne, Dusit Palace (Chitra Lada Rahothan Palace), Rajchavithee Rd, Chitra Lada, Dusit Region, Bangkok 10300.
34) **Thai TV Si Chong Saam** (Thai TV Color Ch. 3 Radio St.), HS-TV3, Lak Song, Nong Khem District, Phetcha Kasem Rd, (Km No.18), Bangkok 10160.
35) **TV Si Chong Jed** (TV7 Color Radio St.), 998/1 Soi Ruam Sirimitra, Phaholyothin Rd, Saam Sen Nai, Phraya Thai Region, Bangkok 10400. **Te:** 2781255. **Cable:** Bebetevee.
36) **Withayu Chula** (Chulalongkorn University Radio St.), Audio-visual Center, Secretariat, Chulalongkorn University, Angreedonang Rd, Nang Mai, Pratumwan Region, Bangkok 10500.
37) **Wor. Or. Sor.** (Withayu Asia Seri), Voice of Free Asia (see below).
38) **Wor. Tor. Or.** (Withayalai Technology Lae Archeva Suska), Vocational and Technology College, Technological Engineering Faculty, Sii Sao Thewes Campus, Sam Sen Rd, Sii Sao Thewes, Dusit Region, Bangkok 10300.
39) **Tor. Tor. Tor.** (Mass Media Organization of Thailand), 222, Mot Building, 6th Floor, Asok-Dindaeng Rd, Huayfang Region, Bangkok 10310. **N.** (R. Thailand): 2300-2330, 0530-0545, 1200-1230, 1300-1330, 1400-1410; Army N. 2345-2400, Navy N. 1245-1300, Police N. 1030-1100.
40) **Por. Tor. Or.** (Kongphol Thahaan Punyai Torsue Akart Yan), Anti-Aircraft Artillery Division, Kiak Kay Junction, Thahaan Rd, Bangsüe, Dusit Region, Bangkok 10300.
41) **Chor. Tor. Ror.** (Changwat Thahaanbock Lopburi), HQ of Lopburi Army Province, Talé Chupson, Muang District, Lopburi 15000.
42) **Tor. Tor. Bor.** (Thorathat Kongthapbock), Army TV-Radio St., 340 Wipavadee Rungsit Rd, Huay Jang Region, Bangkok 10310.
43) **Tor. Chor. Dor.** (Tamruat Trawen Chaidan), HQ of Border Patrol Police Division, Phaholyothin Rd, Saam Sen Nai, Phraya Thai Region, Bangkok 10400.

44) Harbour Dept, Min. of Communications. St. carries maritime and weather information.
**N.B:** All st's are required to relay N. from R. Thailand at 0000, 0530, 1200 & 1300 daily.
**Reports:** Geographical locations given refer to provinces ("Changwat"). St's are not always located in the provincial capitals but in a local district ("Amphur"). However, a report to a provincial station is known to reach its destination even if the "amphur" is unknown.

### VOICE OF AMERICA RADIO STATION IN THAILAND

**ADDR:** Voice of America, Washington, DC 20547, USA.
**STATION:** Ayutthaya 1575kHz 1000kW (cf. Voice of Free Asia).
**D.PRGR:** See USA
**ANN, INT-SIG, V:** See USA.

### VOICE OF FREE ASIA (Wor. Or. Sor.)

**ADDR:** P.O. Box 2-131, Rajdamnoen, Bangkok 10200.
**STATION:** Ayutthaya 1575kHz 1000kW.
**L.P:** Dir: P. Pibulsonggram.
**D.PRGR:** Mon-Fri: 1030-1100 Thai, 1230-1300 **English;** Sat 1230-1300 Vietnamese, Lao, Khmer; Daily: 1300-1330 Thai (rel. R. Thailand N.)
**INT-SIG:** Thai National Anthem.
**ANN:** "This is the Voice of Free Asia".
**V.** by QSL-card and letter.

## VIETNAM (Socialist Rep. of)

**L.T:** UTC + 7h — **Pr.L:** Vietnamese — **E.C:** a/c 50, 120/127/230V.

### VIETNAM RADIO AND TELEVISION COMMITTEE (Gov.)

**ADDR:** 58 Quan Su Street, Hanoi. **Te:** 4134.
**L.P:** Chmn: Tran Lam. Vice Chmn: Ly Van Sau, Le Quy.
**Mediumwaves:** C = City

| | Location | kHz | kW | | Location | kHz | kW |
|---|---|---|---|---|---|---|---|
| 1) | Hanoi B.S. | 570 | — | 3) | Ho Chi Minh C. | 820 | 10 |
| 2) | Nhatrang | 580 | 50 | 1) | Hanoi | 860 | — |
| 3) | Ho Chi Minh C. | 610 | 20 | 3) | Ho Chi Minh C. | 870 | 100 |
| 1) | Hanoi B.S. | 680 | — | 6) | Quang Ngai | r895 | 1 |
| 4) | Ban Me Thuot | 690 | 55 | 1) | Hanoi | 1010 | — |
| 5) | Qui Nhan | 740 | 50 | 1) | Hanoi | 1050 | — |
| | Unknown | r758 | — | | | | |

**FM:** Ho Chi Minh City 99.9MHz.
**SHORTWAVE:** All freqs vary widely.

| St. | kHz | Location | Times |
|---|---|---|---|
| 8) | 4243 | Vinh Phu | 1030-1100, 1200-1230 1300-1330 |
| 9) | 4646 | Ha Bac | 1100-1300 |
| 10) | 4669 | Bin Tri Thien | 1300-1355 |
| 11) | 4702 | Gia Lai-Kon Tum | 1030-1200 (Sun 1220) |
| 13) | 4713 | Son La | 2230-2300, 1140-1400 |
| 7) | 4805 | Lam Dong | 1145-1235 |
| 14) | 4820 | Ha Tuyen | 2330-0100, 1145-1400 |
| 15) | 4884 | Than Hoa | 2330-2400, 1030-1100 |
| 12) | 5088 | Nghia Binh | 1145-1230 |
| 16) | 5140 | Phu Khanh | 1000-1630 |
| 17) | 5600 | Hoang Lien Son | 0000-0030, 1000-1030 (Tues/Sat 1045), 1145-1300 |
| 19) | 6245 | Lai Chau | 1140-1330 |
| 13) | 6330 | Son La | as 4713kHz |
| 1) | 6450 | Hanoi I | 2300-1630 |
| 18) | 6510 | Lang Son | 1130-1245 |
| 20) | 6521 | Cao Bang | 2330-0030, 0200-0400 1200-1400 |
| 19) | 6588 | Lai Chau | 1140-1330 |
| 17) | 6680 | Hoang Lien Son | as 5600kHz |
| 21) | 6822 | Bac Thai | 0330-0530, 1125-1330 |
| 1) | 7420 | Hanoi I | 1000-1600 |
| 1) | 10060 | Hanoi I | 2300-1630 |

**NB:** No official information received; only based on reports.

**Other information:**
1) Local prgr. (Hanoi Broadc. St.) on 570/680kHz: 1355-1430 (addr: 26, pho Hang Dau, Hanoi).
3) Voice of the People of Ho Chi Minh C, 7 Xo. Viet Nge Tinh Str, Ho Chi Minh C. Rel Hanoi on 870kHz, own prgrs on 610kHz.
**ANN:** "Dá la tieng noi Nhan Dan Thanhpho Ho Chi Minh".
12) All local prgrs in Vietnamese.
13) Montagnard: 1200-1300, 1330-1400. Other times in Vietnamese.
14) All local prgrs in Vietnamese.
16) Local prgrs in Vietnamese: 1000-1100, 1200-1230, 1330-1400 (exc. Sat).
17) Montagnard: 1000-1030, 1230-1300.
20) Montagnard: 2330-2400, 0200-0300, 1200-1230, 1330-1400. Other times in Vietnamese.
Information on other st's not available.
**ANN:** on all stations "Dá la dai phát thanh (station name)".

**FOREIGN SERVICE (from Hanoi)**
**Addr:** Voice of Vietnam, 58 Quang Su Street, Hanoi.

| kHz | kHz | kHz | kHz | kHz |
|---|---|---|---|---|
| 1010 | 9840 | 10040 | 10180 | 12035 |
| 6426 | 10010 | 10080 | 11750 | 15010 |

**Areas:** I = So. Ea. Asia, II = Far East, III = Europe, IV = Latin America, V = Africa.

| Cambodian | Area | kHz |
|---|---|---|
| 0000-0030 | I | 9840 |
| 1100-1130 | I | 9840, 10180 |
| 1330-1400 | I | 9840, 10180 |

| Cantonese | | |
|---|---|---|
| 0030-0100° | II | 6426, 10010 |
| 0330-0400° | II | 10010, 11750 |
| 0430-0500 | II | 10010, 11750 |
| 1100-1130 | II | 10010, 11750 |
| 1200-1230 | II | 1010, 10010 11750 |
| 1330-1400° | II | 10010, 11750 |
| 1430-1500 | II | 1010, 10010 11750 |
| 1530-1600° | II | 1010, 10010 11750 |

| English | | |
|---|---|---|
| 1000-1030 | I | 10080, 12035 |
| 1100-1130 | I | 1010, 10080 12035 |
| 1330-1400 | II | 1010, 10080 15010 |
| 1600-1630 | IV/V | 10040, 15010 |
| 1800-1830 | III | 10040, 15010 |
| 1900-1930 | III | 10040, 15010 |
| 2030-2100 | III | 10040, 15010 |
| 2330-2400 | I | 10080, 12035 |

| French | | |
|---|---|---|
| 1300-1330 | III | 10040, 15010 |
| 1830-1900 | III | 10040, 15010 |
| 1930-2000 | V | 10040, 15010 |
| 2100-2130 | III | 10040, 15010 |

| Indonesian | | |
|---|---|---|
| 0930-1000 | I | 10080, 12035 |
| 1030-1100 | I | 10080, 12035 |
| 1400-1430 | I | 10080, 12035 |

| Japanese | Area | kHz |
|---|---|---|
| 1200-1230 | II | 10040, 15010 |
| 1400-1430 | II | 10040, 15010 |
| 2200-2230 | II | 10040, 15010 |

| Lao | | |
|---|---|---|
| 1130-1200 | I | 9840, 10180 |
| 1400-1430 | I | 1010, 9840 10180 |
| 2330-2400 | I | 9840 |

| Russian | | |
|---|---|---|
| 0000-0030 | II | 10080, 12035 |
| 1130-1200 | II | 10040, 15010 |
| 1630-1700 | II/III | 10040, 15010 |

| Spanish | | |
|---|---|---|
| 1100-1130 | IV | 10040, 15010 |
| 2000-2030 | III | 10040, 15010 |
| 2230-2300 | IV | 10040, 15010 |

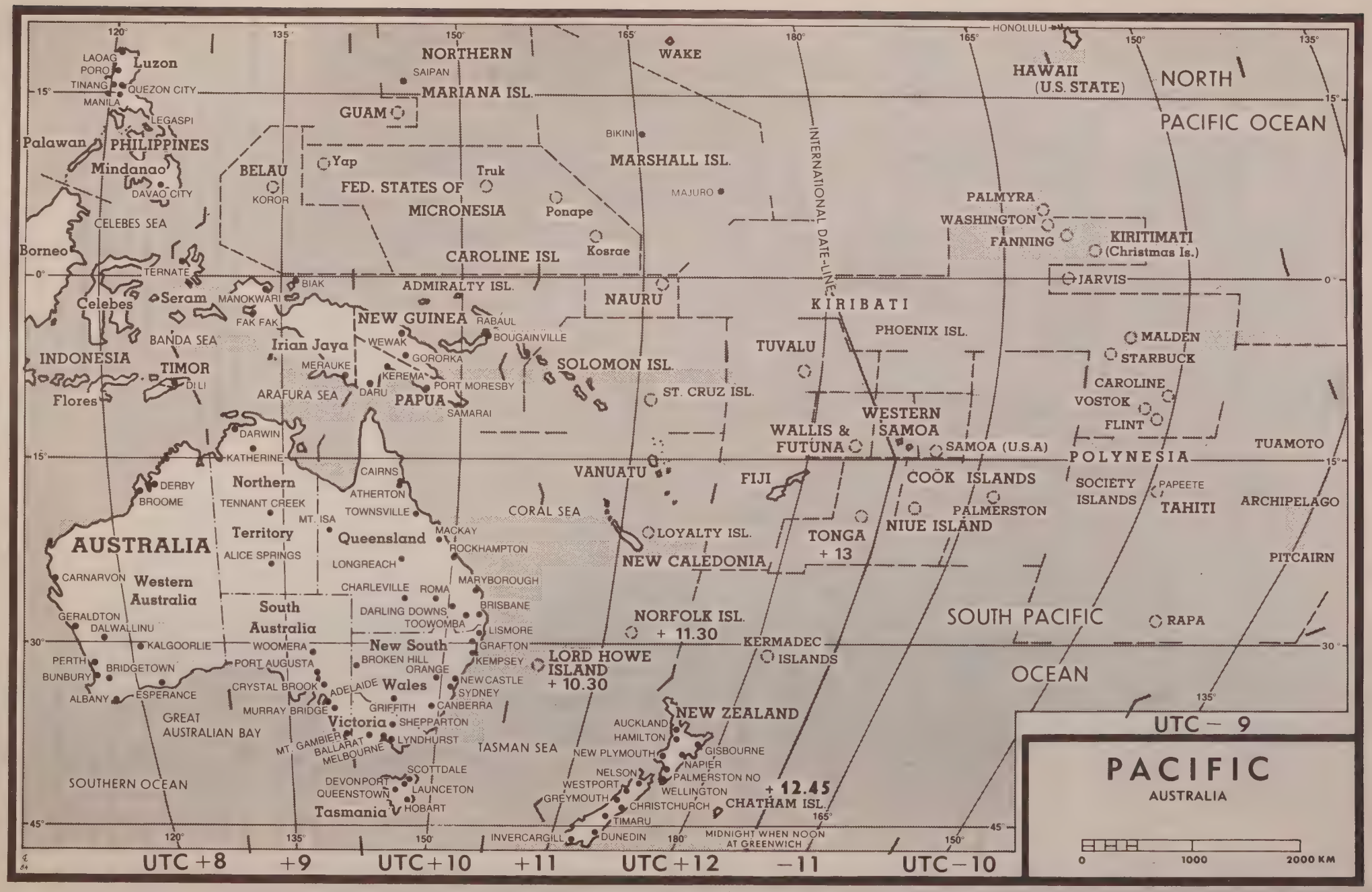
| Standard Chinese | | |
|---|---|---|
| 0000-0030° | II | 6426, 10010 |
| 0400-0430° | II | 10010, 11750 |
| 0500-0530 | II | 10010, 11750 |
| 1130-1200 | II | 10010, 11750 |
| 1230-1300 | II | 1010, 10010 11750 |
| 1300-1330° | II | 1010, 10010 11750 |
| 1400-1430 | II | 10010, 11750 |
| 1500-1530° | II | 1010, 10010 11750 |

| Thai | | |
|---|---|---|
| 1130-1200 | I | 9840, 10180 |
| 1430-1500 | I | 10080, 12035 |
| 2300-2330 | I | 10080, 12035 |

| Vietnamese | | |
|---|---|---|
| 0030-0130* | I | 9840 |
| 1700-1800 | III | 10040, 15010 |

*) slow speed — °) for Chinese army.
**V.** by QSL-folder. Prgr. schedule free.

**The Asian section has been compiled from official information direct from broadcasters, supplemented by a large number of reports from individual collaborators and DX clubs. The Editors wish to thank everyone who has contributed to this edition, and welcome further reports from all sources.**


PACIFIC
AUSTRALIA
0
1000
2000 KM
UTC − 9
UTC +8
+9
UTC+10
+11
UTC+12
−11
UTC−10
NORTH PACIFIC OCEAN
SOUTH PACIFIC OCEAN
INTERNATIONAL DATE-LINE
NORTHERN MARIANA ISL.
SAIPAN
GUAM
WAKE
HAWAII (U.S. STATE)
HONOLULU
LAOAG
PORO
Luzon
TINANG
QUEZON CITY
MANILA
LEGASPI
Palawan
PHILIPPINES
Mindanao
DAVAO CITY
CELEBES SEA
Borneo
BELAU
KOROR
Yap
FED. STATES OF MICRONESIA
Truk
Ponape
Kosrae
CAROLINE ISL
BIKINI
MARSHALL ISL.
MAJURO
PALMYRA
WASHINGTON
FANNING
KIRITIMATI (Christmas Is.)
JARVIS
TERNATE
Celebes
Seram
MANOKWARI
BIAK
FAK FAK
ADMIRALTY ISL.
NAURU
KIRIBATI
PHOENIX ISL.
TUVALU
MALDEN
STARBUCK
CAROLINE
VOSTOK
FLINT
BANDA SEA
INDONESIA
TIMOR
DILI
Flores
Irian Jaya
MERAUKE
NEW GUINEA
WEWAK
GORORKA
KEREMA
DARU
PAPUA
PORT MORESBY
SAMARAI
RABAUL
BOUGAINVILLE
SOLOMON ISL.
ST. CRUZ ISL.
ARAFURA SEA
WESTERN SAMOA
WALLIS & FUTUNA
SAMOA (U.S.A)
POLYNESIA
TUAMOTO
DARWIN
KATHERINE
VANUATU
FIJI
COOK ISLANDS
SOCIETY ISLANDS
PAPEETE
TAHITI
ARCHIPELAGO
DERBY
BROOME
Northern Territory
TENNANT CREEK
MT. ISA
CAIRNS
ATHERTON
TOWNSVILLE
CORAL SEA
PALMERSTON
NIUE ISLAND
TONGA + 13
AUSTRALIA
ALICE SPRINGS
Queensland
MACKAY
ROCKHAMPTON
LONGREACH
LOYALTY ISL.
NEW CALEDONIA
PITCAIRN
CARNARVON
Western Australia
CHARLEVILLE
ROMA
MARYBOROUGH
BRISBANE
DARLING DOWNS
TOOWOMBA
LISMORE
GERALDTON
DALWALLINU
South Australia
NORFOLK ISL. + 11.30
RAPA
KALGOORLIE
WOOMERA
New South Wales
GRAFTON
KERMADEC ISLANDS
PERTH
BUNBURY
BRIDGETOWN
PORT AUGUSTA
BROKEN HILL
ORANGE
KEMPSEY
LORD HOWE ISLAND + 10.30
ALBANY
ESPERANCE
CRYSTAL BROOK
ADELAIDE
NEWCASTLE
SYDNEY
MURRAY BRIDGE
GRIFFITH
CANBERRA
GREAT AUSTRALIAN BAY
Victoria
SHEPPARTON
NEW ZEALAND
AUCKLAND
HAMILTON
MT. GAMBIER
BALLARAT
MELBOURNE
LYNDHURST
TASMAN SEA
NEW PLYMOUTH
GISBOURNE
NAPIER
SCOTTDALE
NELSON
PALMERSTON NO
SOUTHERN OCEAN
DEVONPORT
QUEENSTOWN
LAUNCETON
WESTPORT
WELLINGTON
+ 12.45
GREYMOUTH
CHRISTCHURCH
CHATHAM ISL.
Tasmania
HOBART
TIMARU
INVERCARGILL
DUNEDIN
MIDNIGHT WHEN NOON AT GREENWICH

# PACIFIC

## AUSTRALIA (Commonwealth)

**L.T:** Vic, NSW, Queensland, Tasmania: UTC + 10h (Vic, NSW, Tas: Oct-March UTC + 11h); So. Australia UTC + 9½h (Oct-March UTC + 10½h); We. Australia: UTC + 8h; No. Territory UTC + 9½h — **Pr.L:** English — **E.C:** a/c 240/415V (yes).

### AUSTRALIAN BROADCASTING CORPORATION (ABC)

Constituted under the Australian Broadc. Corp. Act 1983. The Australian National Broadc. Sce. prgr's are the responsibility of the ABC which is responsible to Parliament through the Minister for Communications. The technical sce's in Radio and TV studios are provided by the ABC Engineering Division; the tr's are operated by the Australian Telecommunications Commission on behalf of the Minister for Communications.

**ADDR: Head Office:** 145-153 Elizabeth Str., Box 9994, G.P.O. Sydney 2001. **Cable:** ABCOM. **Te:** (02) 339 0211.

**L.P:** Chmn: Kenneth Myer AC, DSC. Man. Dir: Geoffrey Whitehead. Assist. Man. Dir: Stuart Revill. Dir. of TV: R. Thomas. Dir. Eng. & Property: G. Moriarty. Contr. R. Australia: P. Barnett. Head of Inf. Sces: P.D. Lucas. Mgr. Europe: I. Mac Intosh, 54 Portland Place, London W1N 4DY, England: Brussels Repr: M. Downing, B.P. 1, Int. Press Centre, Blvd. Charlemagne 1, B-1040 Brussels, Belgium; Mgr. No. America: E.T. Colhoun, Suite 1700, 1 Rockefeller Plaza, New York, 10020, USA; Repr: R. Palfreyman, Suite 404, 2030 M. Street, NW, Washington, D.C. 20036, USA; Mgr. Asia: J.A. Hollinshead, No. 11, Dhoby Ghaut 13-09, Singapore; China Repr: H. Chung, 8/122, Qi Jia Yuan, Peking, PRC; India Repr: J. Mills, 11 Paschini Marg, Vasant Vihar, New Delhi 110057; Japan Repr: P. Cave, c/o NHK, Hoso Centre, Jinnan Shibuya-ku, Tokyo 150; Malaysian Repr: Journalist Wong Puan Wah, 20th Flr, Bangunan Dato Zainal, 23 Jalan Melaka, Kuala Lumpur; Thailand Repr: P. Lockyer, 230 Sol Srinakorn, Nang-Linchi Road, Bangkok. Papua New Guinea Repr: S. Dorney, Airvos Ave, Port Moresby.

### THE NATIONAL BROADCASTING SERVICE

Studios in 36 centres.

**Mediumwave Service:** * = Metropolitan; others Regional. St's in bold types are relayed on Shortwave.

**Australian Capital Territory**

| Call | kHz | kW | Location | |
|---|---|---|---|---|
| 2CN* | 666 | 2 | Canberra | 24h) |
| 2CY* | 846 | 10 | Canberra | b |
| **New South Wales** | | | | |
| 2CR | 549 | 50 | Orange | a) |
| 2FC* | 576 | 50 | Sydney | b) |
| 2NU | 648 | 10 | Tamworth | a) |
| 2BY | 657 | 10d | Byrock | a) |
| 2CO | 675 | 10 | Albury | a) |
| 2KP | 684 | 10 | Kempsey | a) |
| 2BL* | 702 | 50 | Sydney | a) |
| 2ML | 720 | 0.4 | Murwillumbah | a) |
| 2AN | 720 | 0.05 | Armidale | a) |
| 2NR | 738 | 50 | Grafton | a) |
| 2TR | 756 | 2d | Taree | a) |
| 2BA | 810 | 10 | Bega | a) |
| 2GL | 819 | 10 | Glen Innes | a) |
| 2NB | 999 | 2d | Broken Hill | c) |
| 2UH | 1044 | 1d | Muswellbrook | a) |
| 2NC* | 1233 | 10 | Newcastle | +24h) |
| 2WN | 1431 | 2 | Wollongong | +24h) |
| 2LG | 1485 | 0.2 | Lithgow | a) |
| 2NA* | 1512 | 10 | Newcastle | b) |
| 2WA | 1584 | 0.1 | Wilcannia | a) |
| 2CP | 1602 | 0.05 | Cooma | a) |

+) rel. 2JJJ-FM 1400-1900.

| **Victoria** | | | | |
|---|---|---|---|---|
| 3WV | 594 | 50 | Horsham | a) |
| **3AR*** | **621** | **50** | **Melbourne** | **b)** |
| 3MT | 720 | 2d | Omeo | a) |
| **3LO*** | **774** | **50** | **Melbourne** | **a)** |
| 3GI | 828 | 10 | Sale | a) |
| 3WL | 1602 | 0.2 | Warnambool | a) |

| **Queensland** | **kHz** | **kW** | **Location** | |
|---|---|---|---|---|
| 4QL | 540 | 10 | Longreach | a) |
| 4JK | 567 | 10d | Julia Creek | a) |
| 4QR* | 612 | 50 | Brisbane | a) |
| 4QN | 630 | 50 | Townsville | a) |
| 4MS | 639 | 1 | Mossman | a) |
| 4QW | 711 | 10d | St. George | a) |
| 4AT | 720 | 4 | Atherton | a) |
| 4QS | 747 | 10 | Toowoomba | a) |
| 4QA | 756 | 2 | Mackay | a) |
| 4QG* | 792 | 10 | Brisbane | b) |
| 4QY | 801 | 2 | Cairns | a) |
| 4RK | 837 | 10 | Rockhampton | a) |
| 4QB | 855 | 10d | Maryborough | a) |
| 4QO | 855 | 10 | Eidsvold | a) |
| 4WP | 1044 | 0.5 | Weipa | a) |
| 4TI | 1062 | 2 | Thursday Island | a) |
| 4MI | 1080 | 0.2 | Mount Isa | a) |
| 4HU | 1485 | 0.05 | Hughenden | a) |
| 4QD | 1548 | 50 | Emerald | a) |
| 4GM | 1566 | 0.2 | Gympie | a) |
| 4SO | 1593 | 0.2 | Southport | a) |
| **South Australia** | | | | |
| 5CK | 639 | 10 | Port Pirie | c) |
| 5SY | 693 | 2d | Streaky Bay | c) |
| 5CL* | 729 | 50 | Adelaide | d) |
| 5AN* | 891 | 50 | Adelaide | c) |
| 5PA | 1161 | 10d | Naracoorte | c) |
| 5LN | 1485 | 0.2 | Port Lincoln | c) |
| 5MG | 1584 | 0.2 | Mount Gambier | c) |
| 5WM | 1584 | 0.05 | Woomera | c) |
| 5MV | 1593 | 2 | Renmark | c) |
| 5LC | 1602 | 0.05 | Leigh Creek South | c) |
| **Western Australia** | | | | |
| 6DL | 531 | 10 | Dalwallinu | e) |
| 6WA | 558 | 50 | Wagin | e) |
| 6PU | 567 | 0.1 | Paraburdoo | e) |
| 6TP | 567 | 0.1 | Tom Price | e) |
| 6MN | 567 | 0.1 | Newman | e) |
| 6PN | 567 | 0.1 | Pannawonica | e) |
| 6PH | 603 | 2 | Port Hedland | e) |
| 6NM | 612 | 0.2 | Northam | e) |
| 6AL | 630 | 0.4 | Albany | e) |
| 6GF | 648 | 2 | Kalgoorlie | e) |
| 6BE | 675 | 0.05 | Broome | e) |
| 6BS | 684 | 4 | Busselton | e) |
| 6WF* | 720 | 50 | Perth | e) |
| 6MJ | 738 | 5 | Manjimup | e) |
| 6KW | 756 | 0.1 | Kununurra | e) |
| 6WN* | 810 | 10 | Perth | f) |
| 6GN | 828 | 2 | Geraldton | e) |
| 6ED | 837 | 1 | Esperance | e) |
| 6CA | 846 | 0.2 | Carnarvon | e) |
| 6DB | 873 | 2 | Derby | |
| 6WH | 1017 | 0.1 | Wyndham | e) |
| 6BR | 1044 | 1 | Bridgetown | e) |
| 6XM | 1188 | 2 | Exmouth | e) |
| **Tasmania** | | | | |
| 7ZL* | 603 | 10 | Hobart | k) |
| 7QN | 630 | 0.4 | Queenstown | i) |
| 7NT | 711 | 10d | Launceston | i) |
| 7ZR* | 936 | 10d | Hobart | j) |
| 7FG | 1161 | 1d | Fingal | i) |
| 7SH | 1584 | 0.1 | St. Helens | i) |
| **Northern Territory** | | | | |
| 8DR | 657 | 2 | Darwin | 24h) |
| 8KN | 675 | 0.05 | Katherine | 24h) |
| 8TC | 684 | 1 | Tennant Creek | 24h) |
| 8JB | 747 | 0.1 | Jabiru | 24h) |
| 8AL | 783 | 2 | Alice Springs | 24h) |
| 8GO | 990 | 0.5 | Gove | 24h) |

All '8' st's rel. R. Australia (Overseas Sce) 1430-1930.

For networks ABC 1/2/3 see MW-table.

a) 1900 (Sun 1930)-1402; b) 2000 (Sun 2030)-1500; c) 1930-1432; d) 2030-1500; e) 2100 (Sun 2130)-1602; f) 2200 (Sun 2230)-1700; g) 1900 (Sun 1930)-1400; h) 0800-1300; i) 1900-1512; j) 1900-1400; k) 2000-1512.

**Note:** During Daylight Saving Time st's in Victoria, NSW, Tasmania, So. Australia will sign on and close down one hour earlier than indicated.

## FM RADIO SERVICE

**ADDR:** ABC, G.P.O. Box 1419, Adelaide, So. Australia 5001

| Location | MHz | kW | | MHz | kW |
|---|---|---|---|---|---|
| Adelaide | 92.1 | 50 | Mt. Gambier | 104.1 | 50 |
| Maryborough | 92.5 | 50d | Albury-Wadonga | 104.3 | 50 |
| Sydney | 92.9 | 50 | Loxton | 105.1 | 95d |
| Orange | 93.1 | 10 | Ballarat | 105.3 | 50d |
| Launceston | 93.3 | 120d | Wagga Wagga | 105.7 | 50 |
| Bunbury | 93.3 | 50 | Melbourne | 105.7 | 50 |
| Rockhampton | 93.7 | 50 | Darwin | 105.7 | 10 |
| Hobart | 93.9 | 50 | Newcastle | 106.1 | 50 |
| Albany | 94.5 | 50d | Brisbane | 106.1 | 50 |
| Geraldton | 95.1 | 50 | Bendigo | 106.3 | 100d |
| Kalgoorlie | 95.5 | 1.5d | Traralgon | 107.1 | 100d |
| Perth | 97.5 | 50 | Griffith | 107.5 | 50 |
| Mawson | 98.9 | 50 | Mt. Dundas | 107.5 | 70d |
| Townsville | 101.5 | 10 | Toowoomba | 107.9 | 50d |
| Mt. Isa | 101.7 | 0.3 | Wollongong | 107.9 | 25d |
| Canberra | 101.9 | 50 | | | |
| Mildura | 102.3 | 100d | | | |

d) directional aerial.

**D. Prgr:** 24h. All st's carry same prgr. from Adelaide.

**2JJJ-FM** 105.7MHz 35kW Sydney 24h (Own prgrs of rock music)

### DOMESTIC SHORTWAVE SERVICE

**ADDR: Melbourne:** A.B.C., Box 9994, G.P.O. 3001 — **Brisbane:** A.B.C., Box 9994, G.P.O. 4001 — **Perth:** A.B.C., Box 9994, G.P.O. 6001.

**STATIONS:** G.C: **Lyndhurst** (145.25E/37.20S): VLH and VLR (10kW) — **Brisbane** (153.01E/27.19S): VLQ and VLM (10kW) — **Wanneroo, We. Australia** (115.49E/31.51S): VLW (10kW and 50kW).

| Call | kHz | W.h.of tr. | Sun |
|---|---|---|---|
| VLH11 | 11880 | 2000-2215 | 2030-2215 |
| VLH15 | 15230 | 2230-0915 | 2230-0815 |
| VLH9 | 9680 | 0830-1502 | 0830-1502 |
| VLR6 | 6150 | 1900-2230 | 1900-2230 |
| | | 0830-1402 | 0830-1402 |
| VLR9 | 9680 | 2245-0830 | 2245-0830 |
| VLQ9 | 9660 | 1900-1402 | 1930-1402 |
| VLM4 | 4920 | 1900-1402 | 1930-1402 |
| VLW6 | 6140 | 2100-0100 | 2100-0100 |
| | | 0941-1602 | 0941-1602 |
| VLW9 | 9610 | 2100-0955 | 2100-0955 |
| | | 1000-1602 | 0956-1602 |
| VLW15 | 15425 | *2300-0941 | *2300-0941 |

*) 50kW.

VLR relays 3LO, VLH relays 3AR; VLQ and VLM take Queensland regional prgr's; VLW takes We. Australian national prgr's.

**N:** 2000, 2030 (not Sun), 2045 (not Sun), 2145, 2245 (Sun), 0230, 0330, 0600, 0800, 0900, 1100, 1200, 1300, 1355.

**Wrp:** Included in N, also 2242 (Sun), 0240 (Sat), 0245 (Mon-Fri), 0345 (Mon-Fri), 0858 (Sun), 0855 (Sat).

**ANN:** "This is the A.B.C."

**NOTE:** Although times are in UTC, calendar days apply to the Ea. States of Australia only.

**V.** All ABC domestic shortwave sts verify reports. QSL's are sent by airmail. It is recommended to enclose one or two IRC's with each report.

**PUB:** 'A.B.C. R. Guide', FM radios '24 Hours', R. Australia Prgr. Guide, Schools Broadcasts booklets. Boyer Lectures, and other publications as necessary — **FI:** By annual appropriation from Australian Gov's budget.

### OVERSEAS SERVICE — RADIO AUSTRALIA

**ADDR:** Radio Australia, P.O. Box 428G, G.P.O. Melbourne, 3001.

**Te:** 2352222. **Cable:** Newscast.

**Transmitters:** The trs. are located at Shepparton (144.25E/26.20S): 6×100kW and 2×50kW; Lyndhurst (145.16E/38.03S): 3x10kW; Carnarvon (113.43E/24.54S): 1×300kW, 1×250kW and 1×100kW; Darwin (130.38E/12.25S): 3×250kW.

**Frequencies used November 1984—March 1985**

**Powers:** *10kW; +50kW; Freq's in bold = 250/300kW (C=Carnarvon, D=Darwin); others 100kW.

| kHz | kHz | kHz | kHz | kHz | kHz | kHz |
|---|---|---|---|---|---|---|
| 5995 | **7215** | **9720** | **11835** | 15125 | **15365** | **17810** |
| **6035** | **7240** | 9760 | 11855 | **15140** | **15395** | 17865 |
| 6045 | **9505** | **9770** | 11885 | 15160 | 15410 | 21525 |
| 6060 | 9580 | **11705** | 11895 | 15165 | **17715** | **21720** |
| 6080 | 9620 | 11720 | 11910 | 15240 | 17725 | |
| 7205 | 9640 | **11760** | 11920 | **15310** | **17750** | |
| **7135** | 9710 | 11800 | 11970 | 15320 | 17795 | |

**SCHEDULE: Nov 4th 1984 — March 2nd 1985**

**Areas:** I = So./So. Ea./So. We. As; II = Ea. As/No. Pacific Isl; III = So. Pacific Isl; IV = Mid-Pacific Isl; V = Africa VI = Papua New Guinea

For reception in Europe/No. America, see below.

Behind frequencies and between brackets: Antenna direction in degrees, clockwise from true North.

### BROADCASTS IN ENGLISH

| Area | Times | kHz/Beam | Area | Times | kHz/Beam |
|---|---|---|---|---|---|
| I | 1430-2200 | C**6035**(325) | | 0130-0530 | 17715(118) |
| | 1200-1730 | 7205(308) | IV | 1100-2000 | *5995(050) |
| | 1800-2100 | C**7215**(325) | | 1200-2030 | 6060(063) |
| | 1100-1730 | C**9770**(325) | | 0800-2100 | 9580(063) |
| | 0900-1130 | 11895(308) | | 0730-0930 | 11720(063) |
| | 2230-0100 | 15240(308) | | 2100-0100 | *15160(053) |
| | 2300-0900 | C**15395**(347) | | 0300-0800 | |
| | 0100-0910 | C**17715**(325) | | 2200-0100 | 15320(073) |
| | 0100-0910 | D**17750**(003) | | 0300-0700 | |
| | 0900-1100 | C**17810**(325) | | 2100-0730 | +15395(073) |
| | 0100-0900 | D21720(303) | | 2100-0100 | 17795(065) |
| II | 1100-2030 | 6080(005) | | 0200-0730 | |
| | 2000-2200 | 9620(005) | V | 0400-0730 | 17865(250) |
| | 1200-1300 | 9710(355) | | | 21525(239) |
| | 1400-1600 | | VI | 1100-2030 | 6080(005) |
| | 0900-1000 | | | 2000-2130 | 9620(355) |
| | 1100-1300 | 11800(353) | | 1200-1300 | 9710(355) |
| | 1400-1600 | | | 1400-1600 | |
| | 2100-0100 | 15160(355) | | 0900-1000 | |
| | 0100-0930 | 15165(355) | | 1100-1300 | 11800(353) |
| | 2330-0230 | 17725(342) | | 1400-1600 | |
| III | 0800-1000 | *6045(108) | | 1100-1130 | 15125(355) |
| | 1800-2100 | 7215(128) | | 2100-0100 | 15160(355) |
| | 0600-0840 | 11910(118) | | 0100-0930 | 15165(355) |
| | 2100-0730 | *15240(110) | | 2330-0230 | 17725(342) |
| | 2100-1000 | +15240(128) | | | |

**Reception in other areas:**

R. Australia recommends the following possibilities:

**Europe:** 6035kHz (1430-2200), 7215kHz (1800-2100), 9770kHz (1400-1800), 11910kHz (0600-0840), 15240kHz (2100-2200).

**No. America:** 9580kHz (0800-1600), 15320kHz, (2200-0100, 0300-0400), 15395kHz (2100-0400), 17795kHz (2100-0100, 0200-0400).

**NB:** No proposed changes for M85 schedule (March-April 1985), however frequencies are subject to alteration at short notice. Details of alterations are given in the transmissions concerned for three days before the effective date.

### FIXED PROGRAMMES

**English: World N:** Every hour on the hour. **Australian N:** 0130, 0430, 0830, 1230, 1630, 1830, 2030, 2330. **Four Corners:** Mon-Fri 1810, 2010, 2210, 0010, 0210, 1210. **Australian Insight:** Mon-Fri 1110, 1310, 1510, 1710, 1910, 2310. **Stock Exchange Report:** Mon-Fri 0110, 0810, 1128, 1410, 1610, 2110. **Australian Editorial Opinion:** Sat 0210, 0410, 1110, 1310. **Business World:** Sun 0310, 0510, 1110, 1310. **Calling Antarctica:** Fri 0200, 0400, 0915. **The Week in Canberra:** Fri 1410, 1810, 2010, 2210; Sat 0010, 0310. **Soundabout:** Mon-Fri 0910. **Sport:** Descriptions and results of major sports events in Australia and Overseas: Sat 0200-0730 (I) on 17715/17750kHz, (III) on 15240kHz. Sports results of major interest are also included in World News on the hour and in Australian News. **This Week in Science:** Sun 0410; Mon 0330, 0610. **This Australia:** Fri 2112, Sat 0330, Sun 1710, Mon 0730. **Australian Profile:** Sat 0610, 1210, 1810. **Australian Inventor:** Tues 1412; Wed 0330, 0610. **Report from Asia:** Sat 1410, 1710, 2010, 2310; Sun 0110. **Letters to the Editor:** Thurs 1412; Fri 0330, 0610. **Talkback:** Sat 1610; Sun 0530, 0810, 1210, 2110. **Australia Fair:** Thurs 2112, Fri 0730, Mon 0110. **Books & Publishing:** Sat 0730, 1430, 1730; Sun 0330. **Arts News:** Mon 1412; Tues 0330, 1610. **Kaleidoscope:** Tues 2112, Wed 0730.

# AUSTRALIA RADIO

NEWS, INFORMATION & ENTERTAINMENT IN

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### OTHER LANGUAGES

| French | kHz/Beam |
|---|---|
| I | |
| 0000-0100 | C**15140**(347) |
| | D**17750**(315) |
| IV | |
| 0100-0200 | 17795(065) |
| | 15320(073) |
| | *15160(053) |
| 0200-0300 | *15160(053) |
| | 17795(065) |
| V | |
| 0300-0400 | 17865(250) |
| | 21525(239) |
| **Indonesian** | |
| 2100-2200 | C7240(347) |
| | 11970(320) |
| 2200-2300 | C7240(347) |
| | D**9505**(290) |
| | 11970(320) |
| 2300-0100 | C11855(347) |
| | D15365(290) |
| 0900-1400 | 9640(347) |
| | D**11705**(290) |
| **Japanese** | |
| II | |
| 1000-1100 | 11800(353) |
| | 15125(355) |
| 1300-1400 | 9710(353) |
| | 11800(353) |

| Standard Chinese | kHz/Beam |
|---|---|
| I | |
| 0930-1230 | D**7135**(310) |
| | C**11760**(347) |
| 2200-2230 | C**7215**(347) |
| | D**9720**(340) |
| **Cantonese** | |
| I | |
| 1230-1430 | D7135(340) |
| | C**11760**(347) |
| **English/ Neo Melanesian** | |
| VI | |
| 0800-1100 | 9760(355) |
| | +11920(355) |
| IV | |
| 0800-1100 | *5995(050) |
| **Thai** | |
| I | |
| 2300-2400 | C**11835**(347) |
| | D**15140**(315) |
| **Vietnamese** | |
| I | |
| 2200-2300 | C**11835**(347) |
| | 15310(310) |

### FIXED PROGRAMMES

**French: N:** 0005, 0130, 0200, 0305. **Current Affairs Report:** Mon-Fri 0020, 0220, 0320.
**Indonesian: N:** 2100, 2200, 2300, 2400, 0900, 1130, 1330.
**International Report:** Mon-Fri 1245. **Report from Asia:** Sun 1245. **English from Australia:** Mon-Fri 2225, 0025; Mon/Tues 1200.
**Japanese: N:** 1030, 1300. **Current Affairs:** Mon-Fri 1040, 1310. **Australian Topics:** Fri 1002. **DX-Session:** Sat 1313, Sun 1040. **Practising English:** Sat 1040.
**Standard Chinese: N:** 1045, 1145. **Current Affairs:** Mon-Fri 1055, 1155. **Report from Asia:** Sun 1055. **"Listeners Mailbag:** Sun 1030. **Australian Memo:** Fri 1030.
**Cantonese: N:** 1345. **Australian Memo:** Sat 1300. **Report from Asia:** Sun 1300. **Questions from Listeners:** Wed 1300.
**Neo-Melanesian: N:** 1030. **Current Affairs Report:** Mon-Fri 1040. **Background:** Sun 0940.
**Vietnamese: N:** 2215, 2250. **Current Affairs:** 2230.
**Thai: N:** 2305, 2355. **Current Affairs Report:** W 2315. **Report from Asia:** Sun 2315. **English Lessons for Thai:** Sun 2330. **Question Box:** Thurs 2330. **Mailbag:** Sat 2330.
**National Music:** Music by Australian Artists and Composers is broadcast regularly in all transmissions.
**ANN:** "This is Radio Australia transmitting the Overseas Service from the Melbourne Studios of the Australian Broadcasting Corporation. You are turned to Radio Australia, the Overseas Service of the A.B.C.' Frequencies and Wave Bands are given at regular intervals.
**INT-SIG:** "Waltzing Matilda' for five minutes preceding programmes to all areas. Transmissions begin with the laugh of the Australian bird, the Kookaburra.
**PUB:** A prgr. and transmission schedule free upon application to: Radio Australia, Box 428G, G.P.O. Melbourne, 3001, Australia.
**V.** by QSL-card.

## PRIVATELY-OWNED BROADCASTING STATIONS

**associated in a body called:**
**Federation of Australian Radio Broadcasters**
**Addr:** P.O. Box 294, Milsons Point, NSW 2061.
**Te:** (02) 929.4866. **Telex:** 25161. **Cable:** FARB, Sydney.
**L.P:** Federal Dir: D.L. Foster. Dep. Federal Dir: J.M. Rushton.
**Regional Offices:** 3rd Floor, 392 Little Collins Str, Melbourne 3000; 25 Bartley Str, Spring Hill 4000; 177 Currie Str, Adelaide 5000; 133 St. Georges Terrace, Perth 6000.
**Abbreviations:** N-1: News on the hour; N-2: News on the half hour; N-3: News on the hour and half hour. The numeral preceding the call letters indicates the state: 2 = New South Wales; 3 = Victoria; 4 = Queensland; 5 = South Australia; 6 = Western Australia; 7 = Tasmania; 8 = Northern Territory.

**News:** Additional newscasts are often carried during breakfast and drive times.

| | Call | kHz | kW | | Call | kHz | kW |
|---|---|---|---|---|---|---|---|
| 1) | 2MC | 531 | 5 | 59) | 2GZ | 1089 | 5(d) |
| 2) | 3UL | 531 | 5(d) | 60) | 3WM | 1089 | 5(d) |
| 3) | 4KZ | 531 | 5(d) | 61) | 4LG | 1098 | 2 |
| 4) | 7SD | 540 | 5(d) | 62) | 6MD | 1098 | 2 |
| 5) | 4AM | 558 | 5(d) | 63) | 7LA | 1098 | 2 |
| 6) | 4GY | 558 | 5(d) | 64) | 2UW | 1107 | 5 |
| 7) | 7BU | 558 | 2 | 65) | 4BC | 1116 | 5(d) |
| 8) | 2BH | 567 | 0.5 | 66) | 2AD | 1134 | 2(d) |
| 132) | 6LN | 666 | 1 | 67) | 3CS | 1134 | 5(d) |
| 9) | 4KQ | 693 | 5(d) | 31) | 6CI | 1134 | 2 |
| 131) | 6SE | 747 | 5(d) | 68) | 2HD | 1143 | 2 |
| 10) | 2BE | 765 | 3.5(d) | 69) | 4HI | 1143 | 5(d) |
| 11) | 4TO | 774 | 5(d) | 70) | 2WG | 1152 | 2 |
| 12) | 2KA | 783 | 2 | 71) | 4MB | 1161 | 2 |
| 13) | 6VA | 783 | 2 | 72) | 2CH | 1170 | 5 |
| 14) | 5RM | 801 | 2 | 73) | 4GC | 1170 | 0.1(d) |
| 15) | 4SS | 828 | 5(d) | 74) | 3KZ | 1179 | 5 |
| 16) | 7QT | 837 | 0.5 | 75) | 2NZ | 1188 | 2 |
| 17) | 4CA | 846 | 5(d) | 76) | 4GG | 1197 | 5(d) |
| 18) | 4GR | 864 | 2 | 77) | 5KA | 1197 | 2 |
| 19) | 6AM | 864 | 2 | 78) | 2GF | 1206 | 5(d) |
| 20) | 7HO | 864 | 2 | 79) | 6KY | 1206 | 2 |
| 21) | 2GB | 873 | 5 | 80) | 2CC | 1206 | 5(d) |
| 22) | 3YB | 882 | 2(d) | 81) | 2WS | 1224 | 5(d) |
| 23) | 6PR | 882 | 2 | 82) | 3TR | 1242 | 5(d) |
| 24) | 4BH | 882 | 5(d) | 83) | 8DN | 1242 | 2 |
| 34) | 4AY | 891 | 5(d) | 84) | 5AU | 1242 | 2(d) |
| 25) | 2LM | 900 | 5 | 85) | 4AK | 1242 | 2 |
| 26) | 6BY | 900 | 2 | 86) | 2DU | 1251 | 2 |
| 27) | 7AD | 900 | 2 | 87) | 3SR | 1260 | 2 |
| 28) | 8HA | 900 | 2 | 88) | 6KA | 1260 | 1 |
| 29) | 2XL | 918 | 2 | 89) | 2SM | 1269 | 5 |
| 30) | 4VL | 918 | 2 | 90) | 3AW | 1278 | 5 |
| 31) | 6NA | 918 | 2 | 91) | 2TM | 1287 | 2 |
| 32) | 3UZ | 927 | 5 | 92) | 4BK | 1296 | 5(d) |
| 33) | 4CD | 927 | 5(d) | 94) | 3BA | 1314 | 5(d) |
| 35) | 3BO | 945 | 2 | 95) | 2WL | 1314 | 5(d) |
| 36) | 2UE | 954 | 5 | 96) | 5AD | 1323 | 2 |
| 31) | 6TZ | 963 | 2 | 97) | 2GO | 1323 | 5(d) |
| 37) | 4WK | 963 | 5(d) | 98) | 3SH | 1332 | 2 |
| 38) | 2RG | 963 | 5(d) | 99) | 4BU | 1332 | 5(d) |
| 93) | 5SE | 963 | 5(d) | 100) | 2NX | 1341 | 5(d) |
| 39) | 2MW | 972 | 5(d) | 101) | 3GL | 1341 | 5(d) |
| 40) | 5DN | 972 | 2 | 102) | 2LF | 1350 | 5(d) |
| 41) | 3HA | 981 | 2 | 103) | 4LM | 1368 | 2 |
| 42) | 6KG | 981 | 2 | 104) | 2GN | 1368 | 2 |
| 112) | 2NM | 981 | 5 | 105) | 3MP | 1377 | 5(d) |
| 43) | 4RO | 990 | 5(d) | 106) | 5AA | 1386 | 5(d) |
| 44) | 6PM | 990 | 2 | 107) | 2LT | 1395 | 5(d) |
| 45) | 2ST | 999 | 5(d) | 108) | 2PK | 1404 | 2 |
| 46) | 4IO | 1008 | 5(d) | 109) | 2KO | 1413 | 5(d) |
| 47) | 6GE | 1008 | 2 | 110) | 3XY | 1422 | 5 |
| 48) | 7EX | 1008 | 5(d) | 111) | 2MG | 1449 | 5(d) |
| 49) | 2KY | 1017 | 5 | 113) | 5MU | 1458 | 2 |
| 50) | 3DB | 1026 | 5 | 114) | 3MA | 1467 | 2 |
| 51) | 4MK | 1026 | 5(d) | 115) | 4ZR | 1476 | 2 |
| 52) | 6NW | 1026 | 2 | 116) | 2AY | 1494 | 2 |
| 53) | 5PI | 1044 | 2 | 117) | 2BS | 1503 | 5(d) |
| 54) | 2CA | 1053 | 5(d) | 118) | 3AK | 1503 | 5(d) |
| 55) | 3CV | 1071 | 5(d) | 119) | 2QN | 1521 | 2 |
| 56) | 4SB | 1071 | 2 | 120) | 2VM | 1530 | 2 |
| 26) | 6WB | 1071 | 2 | 121) | 2RE | 1557 | 2 |
| 57) | 2MO | 1080 | 2 | 122) | 3NE | 1566 | 5(d) |
| 26) | 6IX | 1080 | 2 | 123) | 2OO | 1575 | 5(d) |
| 58) | 7HT | 1080 | 5(d) | | | | |

**FM-Stations** (all 24h)

| | Call | MHz | kW | | Call | MHz | kW |
|---|---|---|---|---|---|---|---|
| 124) | 3EON-FM | 92.3 | 10 | 128) | 2DAY-FM | 104.1 | 27 |
| 125) | 6NOW-FM | 96.1 | 10 | 129) | 2MMM-FM | 104.9 | 27 |
| 126) | 3FOX-FM | 101.9 | 10 | 130) | 5SSA-FM | 107.5 | 10 |
| 127) | 4MMM-FM | 104.1 | 20 | | | | |

**Addresses and other information:**
SM = Station Manager, TD = Technical Director, CE = Chief Engineer.
1) Midcoast Radio, P.O. Box 120, West Kempsey, NSW 2440—S.M: J. Condroh O.B.E. T.D: D. Wollnough. 24h (N-1).

2) Associated Broadc. Sces Ltd, P.O. Box 253, Warragul, Vic. 3820—S.M: J. Trionfi. T.D: L. Milne. 1930-1400 (N-1).
3) Coastal B. Casters Pty. Ltd, P.O. Box 19, Innisfail, Qld 4860—S.M: C. Shaw. T.D: W. Johnson. 1900 (Sun 2000)-1400 (N-1). **Italian:** Sun 1000-1100.
4) North East Tasm. R. B. Casters Pty. Ltd, P.O. Box 189, Scottsdale, Tas. 7254—S.M: W. Johnson. T.D: B. Eyre. 1945-1300 (N-1).
5) Far Northern Radio (Tablelands) Pty. Ltd, P.O. Box 177, Mareeba, Qld 4880—S.M: B. Healy. T.D: F. Wallace. 1900-1400 (Fri/Sat 24h) (N-1).
6) Gympie Noosa B. Casters Pty. Ltd, P.O. Box 42, Gympie, Qld 4750—S.M: P. Little. T.D: W. Shaw. 24h (N-1).
7) Burnie Broadc. Sces. Pty. Ltd, P.O. Box 120, Burnie, Tas. 7320—S.M: G. Mevissen. T.D: D. Cables. 2000-1300 (Fri/Sat 1400, Sun 1230) (N-1). **F.Pl:** Extended hours, new antenna.
8) R. Broken Hill Pty. Ltd, P.O. Box 699, Broken Hill, NSW 2880—S.M: M. McCole. T.D: R. Jinks. 2000-1300 (Sun 1200) (N-1).
9) Labor Broadc. Pty. Ltd, P.O. Box 700, Newstead, Qld 4006—S.M: I. Brusasco. T.D: P. Kimmorley. 24h (N-1). **F.Pl:** New tr.
10) R. 2BE Pty. Ltd, P.O. Box 471, Bega, NSW 2550—S.M: I. Wright. C.E: P. Carson. 1945-1408 (N-1). Translators: Moruya 765kHz 0.5kW, Narooma 1584kHz 0.2kW.
11) Amalgamated Wireless (A'sia) Pty. Ltd, P.O. Box 986, Townsville, Qld 4810—S.M: B. Ramsden. T.D: J. Hickey. 24h (N-1).
12) R. 2KA Pty. Ltd, P.O. Box 145, Penrith, NSW 2750—S.M: G. Johnston. T.D: R. Fleming. 24h (N-1). Translator: Penrith 1476 kHz 0.5kW.
13) Albany B. Casters Ltd, P.O. Box 293, Albany, WA 6330—S.M: D. Rutherford. T.D: M. Hofman. 2200-1600 (N-1).
14) River Murray B. Casters Ltd, P.O. Box 321, Berri, SA 5342—S.M: A. Bell. T.D: A. Wallace. 24h (N-1). (rel. 5KA 1430-2030).
15) Sunshine Coast B. Casters Ltd, P.O. Box 279, Nambour 4560—S.M: R. Livingston. T.D: W. Ryan. 24h (N-1).
16) 7QT Pty. Ltd, P.O. Box 315, Queenstown, Tas 7467—S.M: S. Aderman. T.D: B. Eyre. 2000-1200 (N-1). **F.Pl:** translators.
17) Amalgamated Wireless (A'sia) Pty. Ltd, P.O. Box 1121, Cairns, Qld 4870—S.M: R. Bermingham. T.D: J. Roberts. 24h (N-1). Translator: Gordonvale 954kHz 0.5kW.
18) Gold R. Sces Pty. Ltd, P.O. Box 111, Toowoomba, Qld 4350—S.M: R. Wilson. T.D: D. Griffin. 24h (N-1).
19) Consolidated Broadc. Syst (WA) Pty. Ltd, P.O. Box 256, Northam, WA 6401—S.M. & T.D: T. Vingerhoets—2200-1600. Rel. 6PM Mon-Fri 1000-1600, Sat 2200-2300 & 0200-1600, Sun 1000-1600.
20) Comm. B. Casters Pty. Ltd, 254 Liverpool Str, Hobart, Tas 7000— S.M: P. Shirley. T.D: J. Ikin. 24h (N-1). **F.Pl:** 5kW(d).
21) Broadc. St. 2GB Pty. Ltd. GPO Box 4290, Sydney 2001—S.M: N. Milan. T.D: B. Ricketts. 24h (N-1).
22) Associated Broadc. Sces Ltd, 95 Timor Str, Warrnambool, Vic. 3280—S.M: J. Walker. T.D: J. Wellandt. 1930-1330 (Sat 1400) (Sun 2030-1230) (N-1).
23) Western Broadc. Sces Pty. Ltd, P.O. Box 6072, Hay Str. East, Perth, W.A. 6000—Joint Chief Execs: B. Martin, J. Watts. S.M: Miss C. Gardiner. T.D: T. Mackrill. 24h (N-1). **F.Pl:** new tr. site.
24) B. Casters (Aust) Pty. Ltd, G.P.O. Box 906, Brisbane, Qld 4001—S.M: B. Augustus. T.D: P. Smerdon. 24h (N-2).
25) Richmond River B. Casters Pty. Ltd, P.O. Box 44, Lismore, NSW 2480—S.M: S. Robinson. T.D: K. Mortimer. 24h (N-1).
26) 6IX R. Network, P.O. Box 33, Tuart Hill, WA—6BY: S.M: P. Randall. T.D: W. Kent. 2200-1000 (N-3). Rel. 6VA 1000 (Sun 2200)-1600. 6IX: S.M: R. Page. T.D: A. D'mello. 24h (N-1). 6WB: T.D: K. Thompson. 2000-1300. **F.Pl:** 5kW on 6IX.
27) Northern Tas B. Casters, P.O. Box 262, Devonport, Tas 7310—S.M: W. Johnson. T.D: B. Eyre. 2000-1300 (N-1).
28) Alice Springs Comm. B. Casters Pty. Ltd, P.O. Box 2106, Alice Springs 5750—S.M: D. Prior. T.D: J. Farmer. 1930-1530 (N-1). **F.Pl:** Translators at Ayres Rock & Tennant Creek.
29) Cooma B. Casters Pty. Ltd, P.O. Box 651, Cooma, NSW 2630—G.M: K. Blyton. T.D: R. Taylor. 1900-1400 (weekends 24h) (N-1). **F.Pl:** 5kW and Translator at Jindabyne.
30) Concept Sce Mart Qld Pty. Ltd, P.O. Box 84, Charleville, Qld 4470—T.D. & S.M: Al Kirton. 1930-1215. Translator at Cunnamulla 1584kHz. 0.2kW. **F.Pl:** 5kW(d).
31) (6NA): Golden West R. Netw, P.O. Box 216, Narrogin, WA 6312—S.M: T. Kerrigan. T.D: I. Stimson. 2100 (Sat/Sun 2200)-1600. Rel. 6TZ: Mon-Fri 2100-2200, 0100-0400, 0600-1000. Sat/Sun: all day. (6TZ): P.O. Box 112, Bunbury, WA 6230. 2100 (Sat/Sun 2200)-1600. (6CI): S.M: D. Wyatt. 2100 (Sat/Sun 2200)-1600. Rel 6TZ (exc. Mon-Fri 2300-0100).
32) Nilsen's Broadc. Sces Pty. Ltd, P.O. Box 930, St. Carlton, Vic 3053—S.M: P. Rinaldi. T.D: J. Goodall. 24h (N-1).
33) Capricorn B. Casters Pty. Ltd, P.O. Box 420, Gladstone, Qld 4680—S.M: N. Roberts. T.D: R. McCarthy. 24h (N-1). (Translator: Biloela 927kHz 0.1kW).
34) Ayr B. Casters Pty. Ltd, P.O. Box 1080, Townsville, Qld 4810—S.M: K. Turner. T.D: L. Barker. 24h (N-1). **F.Pl:** New tr. site.
35) Radio 3BO (Bendigo), P.O. Box 108, Golden Square, Vic 3555—S.M: P. Joseph. T.D: G. Holland. 24h (N-1).
36) R. 2UE Pty. Ltd, P.O. Box 950, North Sydney, NSW 2060—S.M: R. Spargo. T.D: A. Greenhalgh. 24h (N-1).
37) Amalgamated Marketing Pty. Ltd, P.O. Box 403, Toowoomba, Qld 4350—S.M: A. Palmer. T.D: E. Scoones. 1900-1400 (N-1) (Relays st. 91 at 1000-1400 Mon-Fri).
38) 2RG B. Casters Pty. Ltd, P.O. Box 1005, Griffith, NSW 2680—S.M: J. Lander. T.D: O. Anderson. 1930-1300 (N-1). **Italian:** Sun 0300, Thurs 1100-1300.
39) Tweed R. & Broadc. Co. Pty. Ltd, P.O. Box 53, Murwillumbah, NSW 2484—G.M: A. Wyatt. T.D: W. Bradley. 24h (N-1).
40) 5DN Macquarie Pty. Ltd, P.O. Box 5, North Adelaide, SA 5006—S.M: P. Linkson. T.D: G. Baczocha. 24h (N-1).
41) Western District (3HA) B. Casting, P.O. Box 414, Hamilton, Vic 3300—S.M: G. Tuckett. T.D: K. Lakeman. 1930-1400 (Sat 1500) (N-1). **F.Pl:** 5kW.
42) Consolidated Broadc. Syst. (WA) Pty. Ltd, P.O. Box 440, Kalgoorlie, WA 6430—S.M: G. Harvey. T.D: M. Korff. 2200-1600 (N-1).
43) Rockhampton Broadc. Co. Pty. Ltd, P.O. Box 159, Rockhampton, Qld 4700—S.M: C. Woodland. T.D: G. Kime. 24h (N-1).
44) Consolidated Broadc. Syst (WA) Pty. Ltd, P.O. Box 157, Subiaco, WA 6008—S.M: K. Grannaway. C.E: M. Korff. 24h (N-1).
45) South Coast & Tablelands Broadc. Pty. Ltd, P.O. Box 540, Nowra 2540—S.M: G. Cron. T.D: M. Bird. 24h (N-1). Translator: Bowral 1215kHz 0.35kW.
46) Radio 10 Pty. Ltd, GPO Box 348 Brisbane, Qld 4001—S.M: K. Amour. T.D: V.R. Smith. 24h (N-1).
47) Great Northern B. Casters Ltd, P.O. Box 141, Geraldton, WA 6530—S.M: L. Harris. T.D: R. Holman. 2200-1500 (N-1).
48) 7EX Pty. Ltd, P.O. Box 812, Launceston, Tas 7250—S.M: A. McClelland. T.D: R. Abraham. 1900-1500 (continuous Fri 1900-Sun 1400) (N-1).
49) 2KY B. Casters Pty. Ltd, 2KY House, 20-22 Wentworth Str, Parramatta, NSW 2150 — S.M: M. Bishop. T.D: K. Matthews. 24h (N-1).
50) 3DB Broadc, GPO Box 1026H, Melbourne, Vic 3001—S.M: W. Prime. T.D: R. Kelley. 24h (N-1). **F.Pl:** New tr.
51) Barrier Reef Broadc. Pty. Ltd, P.O. Box 183, Mackay, Qld 4740—G.M: R. Dawson. T.D: M. Bartlem. 24h (N-1). **F. Pl:** Translator at Airle Beach.
52) Northwest Radio Pty. Ltd, P.O. Box 2216, South Hedland, WA 6722—S.M: S. Altham. T.D: T. Bradsman. 2130-1600 (N-1).
53) The Advertiser Broadc. Netw. Pty. Ltd, P.O. Box 481, Pt. Pirie, SA 5540—S.M: C. Lodge. T.D: R. Kruger. 24h (N-1). (Relays 5AD 0830-2030).
54) Canberra B. Casters Pty. Ltd, P.O. Box 163, Canberra City, ACT 2601—S.M: R. Collins. T.D: C. Harman. 24h (N-1).
55) World of Sport B. Casters, P.O. Box 159, Bendigo, Vic 3550—S.M: J. Morgan. T.D: W. Harper. 2000-1400 (N-1). **Greek:** Sun 1130-1300.
56) South Burnett Broadc. Co. Ltd, P.O. Box 305, Kingaroy, Qld 4610—S.M: J. Cross. 2000-1300 (Sat/Sun 1230) (N-1).
57) 2MO Gunnedah Pty. Ltd, P.O. Box 62, Gunnedah 2380—S.M: B. Kirchner. T.D: R. Holley. 1915 (Sun 1945)-1300 (N-1).
58) 7HT Broadcasters Pty. Ltd, GPO Box 572F, Hobart, Tas 7000—S.M: G. Phair. T.D: P. Lew. 24h (N-1).
59) Country Television Ltd, P.O. Box 465, Orange, NSW 2800—S.M: S. Ward. T.D: J. Vanderstok. 1930-1400 (Sat 1500) (N-1).
60) Cameron Broadc. Sces Pty. Ltd, P.O. Box 606, Horsham, Vic 3400—S.M: I. Toull. T.D: B. Lees. 1900-1500 (N-1).
61) Emerald Broadc. Co. Ltd, P.O. Box 20, Longreach, Qld 4730—S.M: K. Copley. T.D: D. Martin. 2000-0300 (rel. 4HI Mon-Fri 1900-2000 & 0300-1400, Sat 1900-0900, Sun 1900-1400) (N-1).
62) Mid-Districts Radio Pty. Ltd, P.O. Box 264, Merredin, WA 6415—S.M: J. Ventris. T.D: J. Davies. 2130-1500 (N-1).
63) 7LA B. Casters Pty. Ltd, P.O. Box 635G, Launceston, Tas 7250—S.M: J. Seaman. T.D: R. McLean. 24h (N-1).
64) Commonwealth Broadc. Corp. Pty. Ltd, P.O. Box 1107, Neutral Bay NSW 2089—S.M: I. Lane. T.D: R. Collett. 24h (N-1).
65) Commonwealth Broadc. Corp (Q'land) Pty. Ltd, GPO Box 95, Brisbane, Qld 4001—S.M: J. Williams. T.D: R. Bland. 24h (N-1).

66) New England B. Casters Pty. Ltd, P.O. Box 270, Armidale, NSW 2350—S.M: G. Arklay. T.D: A. Kollosche. 1930-1330 (N-1). **F.Pl:** 5kW. with new tr. and antenna system.
67) R. 3CS, Enterprise B. Casters Pty. Ltd, 241 Murray Str. Colac, Vic 3250 — S.M: D. Seymour. T.D: S. Wigley. 1900-1400 (N-1). **Greek:** Sun 1100-1400.
68) 2HD B. Casters Pty. Ltd, P.O. Box 19, Mayfield, NSW 2304 — S.M: D. Baldwin. T.D: D. Suffell. 24h (N-1).
69) Emerald B'casting Pty. Ltd, P.O. Box 267, Emerald, Qld — S.M: G. Elmes. T.D: D. O'Brien. 1900-1400 (N-1). Translators: Moranban 1215kHz 0.1kW, Dysart 945kHz 1kW(d). 4LG rel. 4HI at times (see 61).
70) Riverina B. Casters (holdings) Pty. Ltd, P.O. Box 480, Wagga Wagga, NSW 2650 — S.M: C. Couldrey. T.D: P. Comps. 24h (N-1).
71) Maryborough Broadc. Co. Pty. Ltd, P.O. Box 143, Maryborough, Qld 4650 — S.M: G. Bolderrow. T.D: G. Nielsen. 1930-1300 (Sun 2000-1200) (N-1).
72) Amalgamated Wireless (A'sia) Ltd, GPO Box 2516, Sydney, NSW 2001 — S.M: C. Brammall. T.D: A. Langford. 24h (N-1).
73) Ayr B. Casters Pty. Ltd, 76 Mossman Str, Charters Towers, Qld 4820 — S.M. & T.D: B. Barwick. 24h. Own prgrs 2000 (Sat 2300)-0200 (Sun 2400). Other times rel. 4AY. **F.Pl:** 0.5kW, increased local prgrs.
74) 3KZ Radio Pty. Ltd, 24 Victoria Str, Carlton, Melbourne 3053 — M.D: L. Hyle. C.E: B. Perry. 24h (N-1).
75) Country Television Sces Ltd, P.O. Box 3, Inverell, NSW 2360 — S.M: T. Rogers. T.D: G. Gibson. 1930-1405 (N-1).
76) Gold Coast Radio Broadc. Co. Pty. Ltd, P.O. Box 241, Southport, Qld 4215 — S.M: B. Ferber. T.D: E. Cameron. 24h (N-1).
77) 5KA B. Casters Pty. Ltd, 43 Franklin Str, Adelaide, SA 5000 — S.M: S. Barrett. T.D: B. Martin. 24h (N-1). Relays to 5RM Sun 0915-1130.
78) AWA Ltd, P.O. Box 276, Grafton, NSW 2460 — S.M: P. McCarthy. T.D: B. Hawthorne. 24h (N-1). **F.Pl:** Translator at Coffs Harbour.
79) Swan Television & Radio B. Casters Ltd, P.O. Box 99, Tuart Hill, WA — S.M: A. Kiernan. T.D: K. Cantelo. 24h (N-1).
80) Capital City B. Casters Pty. Ltd, P.O. Box 1499, Canberra, ACT 2601 — S.M: vacant. C.E: B. Klein 24h (N-1).
81) West Sydney Radio Pty. Ltd, P.O. Box 234, Seven Hills, NSW 2147 — S.M: R. Bean. T.D: R. Langhans. 24h (N-1).
82) Southern Cross Communications Ltd, P.O. Box 160, Sale, Vic 3850 — S.M: P. Detnridge. T.D: L. Glover. 1900-1400 (Sun 1500) (N-1).
83) Darwin B. Casters Pty. Ltd, P.O. Box 506, Darwin, NT 5794 — S.M: J. McNally. T.D: E. Wyatt. 24h. Translator: Katherine 765kHz 0.5kW.
84) 5AU B. Casters Pty. Ltd, P.O. Box 496, Port Augusta, SA 5700 — S.M: G. Rudge. T.D: D. Chapman. 24h (N-1). Relays 5KA Sun 0830-1430.
85) Garden City Radio 4AK, P.O. Box 783, Toowoomba, Qld 4350 — S.M: T. Hadnutt. T.D: J. Vasey. 24h (N-1). **F.Pl:** New studios, new 5kW tr. at new site.
86) Western B. Casters Pty. Ltd, P.O. Box 1221, Dubbo, NSW 2830 — S.M: R. Ferguson. T.D: F. Wilcox. 1930 (Sun 2000)-1400 (Sat 1500) (N-1). Translator: Cobar 972kHz 0.3kW. **F.Pl:** 5kW.
87) Associated Broadc. Sces Ltd, P.O. Box 1260, Shepparton, Vic 3630 — S.M: F. Smith. T.D: G. Hateley. 1900-1500 (N-1). **F.Pl:** new studios.
88) North West Radio Pty. Ltd, P.O. Box 153, Karratha, WA 6714 — S.M: Mrs. R. Wilkins. 2130-1500 (Sat 1600, Sun 1400) (N-1). Translators: Tom Price 765kHz 0.1kW, Parabourdon 765kHz 0.1kW.
89) Broadc. St. 2SM Pty. Ltd, P.O. Box 1270, North Sydney, NSW 2060 — S.M: A. Moltzen. T.D: N. Coleman. 24h (N-1).
90) 3AW Macquarie Pty. Ltd, GPO Box 369F, Melbourne 3001 — S.M: B. White. T.D: B. Withers. 24h (N-1).
91) Tamworth Radio Development Co, P.O. Box 497, Tamworth, NSW 2340 — S.M: D. Thomas. T.D: R. Holley. 1900-1500 (N-1).
92) Brisbane Broadc. Pty, GPO Box 531, Brisbane, Qld 4000 — G.M: P. Harding. C.E: T. Stewart. 24h (N-1). **F.Pl:** New studios.
93) Advertiser Broadc. Netw, P.O. Box 500, Mt. Gambier, SA 5290 — S.M: R. Kerr. T.D: H. Scheggetman. 2030-1130 local prgrs, 1130-2030 relays 5AD (N-1).
94) Ballarat B. Casters Pty. Ltd, P.O. Box 360, Ballarat, Vic 3350 — S.M: P. Caligari. T.D: B. Thurnbull. 24h (N-1).
95) Wollongong Broadc. Pty. Ltd, P.O. Box 1234, Wollongong, NSW 2500 — S.M: H. Roberts. C.E: M. Frew. 24h (N-1).
96) Advertiser Broadc. Netw. Pty. Ltd, GPO Box 339, Adelaide, SA 5001 — S.M: R. Francis. T.D: G. Wright. 24h (N-1). **F.Pl:** new 5kW tr, new antenna.
97) Central Coast Broadc. Pty. Ltd, P.O. Box 564, Gosford, NSW 2250 — S.M: B. Earle. T.D: K. Bayley. 24h (N-1).
98) Cameron Broadc. Sces. Pty. Ltd, P.O. Box 504, Swan Hill, Vic 3585 — S.M: C. Cameron. 1930 (Sat/Sun 2000)-1400 (N-1).
99) Bundaberg B. Casters Pty. Ltd, P.O. Box 1059, Bundaberg, Qld 4670 — S.M: G. McKennariey. T.D: R. Searle. W 1930-1300, Sun 2030-1200 (N-1).
100) Hunter B. Casters Pty. Ltd, P.O. Box 5275D, Newcastle West, NSW 2305 — S.M: J. McGahen. T.D: S. Bartlett. 24h (N-1).
101) Geelong B. Casters Pty. Ltd, P.O. Box 176, Geelong, Vic 3220 — S.M: J. Humphrey. T.D: J. McConnell. 24h (N-1). **Greek:** Sun 1300-1400.
102) Young B. Casters Pty. Ltd, P.O. Box 31, Young, NSW 2594 — S.M: G. Cross. T.D: B. Denniss. 1930 (Sat/Sun 2000)-1400 (N-1).
103) North Queensland Broadc. Co. Pty. Ltd, P.O. Box 780, Mount Isa, Qld 4825 — S.M: T. Lees. T.D: W. Latham. 1900 (Sun 2000)-1500 (N-1). Translator: Cloncurry 1458kHz 0.1kW.
104) Amalgamated Wireless (A'sia), P.O. Box 115, Goulburn, NSW 2580 — S.M: C. Joscelyne. T.D: G. Guyer. 1930-1400 (N-1). **F.Pl:** 5kW.
105) Mornington Peninsula B. Casters Ltd, P.O. Box 75, Frankston, Vic 3199 — S.M: W. Browne. T.D: R. MacCaw. 24h (N-1).
106) Festival City B. Casters Pty. Ltd, 35 Fullarton Rd, Kentown, SA 5067 — S.M: P. Edwards. T.D: J. Ferguson. 24h (N-1).
107) Lithgow B. Casters Pty. Ltd, P.O. Box 21, Lithgow, NSW 2790 — S.M: D. Egan. T.D: C. Marple. 1930-1400 (N-1).
108) Parkes Broadc. Co. Pty. Ltd, P.O. Box 295, Parkes, NSW 2870 — S.M: K. Birch. T.D: F. Wilcox. 2000-1400 (N-1).
109) R. 2KO Newcastle Pty. Ltd, P.O. Box 300, Newcastle, NSW 2300 — G.M: D. Mulley. T.D: J. Richardson. 24h (N-1).
110) R. 3XY Pty. Ltd, P.O. Box 4949, Mail Exchange, Melbourne, Vic 3001 — M.D: S. Guilfoyle. T.D: C. Crowe. 24h (N-1).
111) Mudgee Broadc. Co. Pty. Ltd, P.O. Box 17, Mudgee, NSW 2850 — S.M: Mrs. E. Wells. T.D: B. Upfold. 1900-1400 (N-1).
112) Hunter B. Casters Pty. Ltd, P.O. Box 600, Musselbrook, NSW 2333 — S.M: M. Conners. T.D: S. Bartlett. 1900-0800 (N-1). (Relays 2NX 0800-1400).
113) Murray Bridge Broadc. Co. Ltd, P.O. Box 244, Murray Bridge, SA 5253 — S.M: D. Bean. T.D: K. May. 24h (N-1). **F.Pl:** 5kW(d).
114) Sunraysia B. Casters Pty. Ltd, P.O. Box 539, Mildura, Vic 3500 — S.M: R. Harwood. T.D: K. Stephens. 2000 (Sun 2100)-1400 (N-1). Greek/Italian/Yugoslavian/Turkish: Sun 1000-1230.
115) Maranoa Broadc. Co. Ltd, P.O. Box 22, Roma, Qld 4455 — S.M: M. Peters. T.D: B. Clancy. 1930-1300 (N-1). **F.Pl:** 531kHz 5kW.
116) AWA (A'sia) Ltd, P.O. Box 670, Albury, NSW 2640 — S.M: P. Verhoeven. T.D: T. Clark. 24h (N-1).
117) Bathurst B. Casters Pty. Ltd, P.O. Box 310, Bathurst, NSW 2795 — M.D: R. Camplin. T.D: B. Upfold. 1900 (Sat/Sun 2000)-1400. Shared prgrs with 2MG 0400-1400.
118) 3AK Melbourne B. Casters, P.O. Box 150, Richmond, Vic 3121 — S.M: R. Casey. C.E: E. While. 24h (N-1).
119) Rich Rivers Broadc. Pty. Ltd, P.O. Box 312, Deniliguin, NSW 2710 — S.M: B. Reid. T.D: P. Walton. 2000 (Sun 2100)-1300 (Sat 1400) (N-1).
120) Moree Broadc. & Development Co. Ltd, P.O. Box 389, Moree, NSW 2400 — S.M: S. O'Shea. T.D: W. Cattell. 1900-1300 (Sat 1400). S/on ½h later 1st April — 31st Aug. (N-1).
121) Manning Valley Broadc. Pty. Ltd, P.O. Box 275, Taree, NSW 2430 — S.M: H. McCrindle. T.D: B. McWilliams. 1930-1300 (N-1). **F.Pl:** Translators for Forster/Tuncurry & Gloucester.
122) North East B. Casters Pty. Ltd, P.O. Box 449, Wangaratta, Vic 3677 — S.M: K. Gleeson. T.D: I. Crockett. 1900-1500 (N-1).
123) Wollongong City R. Ltd, P.O. Box 1575, Wollongong, NSW 2500 — S.M: J. Summerton. T.D: H. Prideaux. 24h (N-1).
124) Melbourne F.M. Radio Pty. Ltd, 43 Banks Str, South Melbourne, Vic 3205 — S.M: C. Simpson. T.D: N. McCrae (N-1).
125) New Broadc. Pty. Ltd, 111 Wellington Str, Perth, WA 6000 — M.D: G. Chapman. C.E: P. Buzzard (N-1).
126) Broadcast FM Pty. Ltd, P.O. Box 1019, Nunawading 3131 — G.M: G. Smith. T.D: K. Young (N-1).
127) Stereo FM Brisbane Ltd, GPO Box 1041, Brisbane, Qld 4001 — S.M: T. Seymour. T.D: S. Jacques (N-2).
128) 2DAY-FM Level 2, P.O. Box 920, Crows Nest, NSW 2065 — S.M: G. Greenwood. T.D: D. Hobin (N-1).

129) Stereo FM Pty. Ltd, GPO Box 442, Sydney, NSW 2001 — S.M: T. Preece. T.D: F. Mancini (N-1). **F.Pl:** 50kW.
130) Adelaide Stereo FM Ltd, P.O. Box 404, Unley, SA 5061 — S.M: P. Thompson. T.D: D. Decean (N-1).
131) Esperance B'Casters Pty. Ltd, P.O. Box 527, Esperance, WA — Ag. S.M: F. Thomas. 2130 (Sat/Sun 2200)-1530.
132) Carnarvon Comm. B. Casters Pty. Ltd, P.O. Box 665, Carnarvon, WA 6701 — S.M: A. Papalia. T.D: F.A. Vinton. 2200-1500 (N-1). Translator: Exmouth 747kHz 1kW.
**V.** St's issuing QSL-cards are 1), 2), 3), 8), 10), 11), 14), 20), 28), 30), 32), 35), 36), 40), 41), 44), 45), 46), 49), 50), 51), 53), 55), 60), 63), 64), 70), 72), 73), 77), 78), 81), 85), 86), 87), 89), 90), 93-100), 102), 104), 105), 109-123). Others verify by letter exc. 25), 31), 73).

## PUBLIC BROADCASTING STATIONS

**Medium Waves**

| | Call | kHz | kW | | Call | kHz | kW |
|---|---|---|---|---|---|---|---|
| 1) | 5UV | 531 | 0.5 | 4) | 6NR | 927 | 2 |
| 2) | 2WEB | 576 | 2(d) | 5) | 2XX | 1008 | 0.3 |
| 3) | 3CR | 837 | 0.25 | 6) | 4EB | 1053 | 0.5 |

**FM-Stations**

| | Call | MHz | kW | | Call | MHz | kW |
|---|---|---|---|---|---|---|---|
| 7) | 7THE | 92.1 | 3 | 16) | 4DDB | 102.7 | 2 |
| 8) | 6UVS | 92.1 | 10 | 17) | 3RRR | 102.7 | 10 |
| 9) | 2MCE | 92.3 | 1 | 18) | 2CBA | 103.2 | 10 |
| 10) | 2NCR | 92.5 | 3 | 19) | 7HFC | 103.3 | 3 |
| 11) | 5EBI | 92.9 | 4 | 20) | 4MBS | 103.3 | 2.5 |
| 12) | 3MBS | 93.7 | 4 | 21) | 2NUR | 103.7 | 3 |
| 13) | 5MMM | 93.7 | 2.5 | 22) | 3CCC | 103.9 | 2 |
| 14) | 4ZZZ | 102.1 | 6 | 23) | 8TOP | 104.1 | 10 |
| 15) | 2MBS | 102.5 | 10 | 24) | 2SER | 107.5 | 4.5 |

+15 additional st's below 1kW not mentioned.

**Addresses and other information:**
1) R. 5UV, GPO Box 498, Adelaide, SA 5001 — S.M: K. Conlon. T.D: R. Palmer. 2215-1530.
2) Western Region Educational Broadc. Co. Ltd, P.O. Box 426, Bourke, NSW 2840 — S.M: I. Cole. T.D: S. Ahern. 2100-0700. **V.** by letter. Rp.
3) Community R. Federation Ltd, 20 Cromwell Str, Collingwood, Vic 3066 — S.M: G. Swanton. T.D: D. O'Brien. 24h in 8 languages (N-2). **F.Pl:** 1kW on 855kHz, eventually 5kW from new tr. site.
4) Western Aust. Institute of Technology, Kent Str, Bentley WA 6102 — S.M: M. Green. T.D: C. Muhling. 2200 (Sun 2330)-1600 (Sat 1700). **N.** at 2245, 2315, 2345, 0015, 0045, 0245, 0445. Also 37 foreign languages. **V.** by letter. Rp.
5) Campus Community Broadc. Assoc. Inc, P.O. Box 4, Canberra City, ACT 2600 — S.M: E. O'Brian. 1900 (Sat/Sun 2000)-1500. 31 non-English prgrs between 1030-1230 (W only). **V.** by letter.
6) P.O. Box 57, West End, Qld 4101 — S.M: G. Marsh. T.D: G. Newton. 2000-1330 (Rel. 2EA 2000-2300). **V.** by letter.
7) Hobart FM Inc, P.O. Box 1415P, GPO Hobart 7001 — S.M: M. Naughton. T.D: J. Parish. Mon-Thurs 2000-1500, Fri 2000-1600 incl. 10 foreign languages. **V.** by letter.
8) Universities Radio Ltd, c/o Univ. of Western Australia, Nedlands, WA 6009 — S.M: W. McGinnis. T.D: F. Hayward. 2155-1715 (Sun/Tues/Wed 0415, Sat 1800). Prgrs in Italian/French/Russian.
9) Mitchell College of Advanced Educ, Bathurst, NSW 2795 — S.M: S. Ford. T.D: G. Clulow. 2000 (Sun 2100)-1600. 4 foreign language prgrs. **V.** by letter. **F.Pl:** Translator at Orange on 94.7MHz 1kW.
10) Northern Rivers College of Advanced Educ, P.O. Box 157, Lismore, NSW 2480 — S.M: B. Gleeson. T.D: G. Dowse. 24h incl. 6 foreign languages. **V.** by letter. Rp. **F.Pl:** new studios.
11) Ethnic Broadcasters Inc, 10 Byron Place, Adelaide, S.A. 5000 — Prgr. Coordinator: P. Peterejma. Mon 2030-1430, Tues 2130-1530, Wed 2030-1730, Thurs 2130-1500, Fri 2030-1630, Sat 2230-1530, Sun 2200-1500. 33 languages used.
12) Music Broadc. Society of Victoria Ltd, 146 Cotham Rd, Kew, Vic 3101 — S.M: T. Jarvie. T.D: S. Rogers. 2330 (Sat/Sun 2200)-1400. **F.Pl:** New tr. at different site, extended hours. **V.** by letter.
13) Progressive Music Broadc. Assoc, 56 Magill Rd, Norwood, SA 5067 — S.M: G. Kokoti. T.D: P. Trezise. 24h. **F.Pl:** new studios. **V.** by letter. Rp.
14) Creative B.Casters Ltd, P.O. Box 509, Toowong, Qld 4066 — S.M: D. Bond. T.D: G. Newton. 24h. **N:** Mon-Fri 2130, 2300, 0800.
15) Music Broadc. Society of NSW Co-op Ltd, 76 Candos Str, St. Leonards — S.M: P. Carrodus. T.D: I. Bull. 24h. **F.Pl:** 50kW.
16) Darling Downs Broadc. Society, P.O. Box 400, Toowoomba, Qld 4350 — S.M: B. Snep. T.D: D. Pennycvick. 2000-0200, 0700-1400 (Sat 2000-1400, Sun 2200-1400).
17) Triple R.B.Casters Ltd, P.O. Box 304, Fitzroy, Vic 3065 — S.M: R. Lamshed. T.D: D. Weston. 24h.
18) Christian Broadc. Assoc, P.O. Box 54, Five Dock, NSW 2046 — S.M: Rev. V. Turner. T.D: A. Gates. 24h. **V.** by letter. Rp. **F.Pl:** Power increase.
19) Hope Foundation Communications Inc, 47 Cross Str, Newtown, Tas 7008 — S.M: P. Orchard. T.D: R. Rix. 2000-1400. **V.** by letter. **F.Pl:** News sce.
20) Music Broadc. Society of Q'land, P.O. Box 9, Redhill, Qld 4059 — Administrator: R. Biggs. 2000-1400. **V.** by letter. Rp. **F.Pl:** 7.5kW.
21) Newcastle Community R, 2NUR-FM, Univ. of Newcastle, NSW 2308 — S.M: A. Donker. T.D: P. Bates. 2030-1400. Prgrs. in 9 foreign languages 0830-0930 (Mon-Fri). **V.** by letter. **F.Pl:** power increase.
22) Goldfield Community R. Co-op Ltd, Station Str, Harcourt 3453, Vic — S.M: J. Landon. T.D: J. Miles. 24h. **V.** by letter. No Rp.
23) Darwin Community College, P.O. Box 40146, Casuarina, NT 5792 — S.M: J. Abell. T.D: G. Gibson. 0400-1930 (weekends 24h). **F.Pl:** change operating times.
24) Sydney Educational Broadc. Ltd, P.O. Box 123, Broadway, NSW 2007 — S.M: J. Martin. T.D: C. Burnat. 24h in 13 languages. **V.** by letter. Rp. **F.Pl:** 10kW.

**EXPERIMENTAL STATIONS**

| | Call | kHz | kW | | Call | kHz | kW |
|---|---|---|---|---|---|---|---|
| 1) | 1RPH | 1620 | 0.5 | 4) | 3RPH | 1629 | 0.5 |
| 2) | 4RPH | 1620 | 0.5 | 5) | 2RPH | 1629 | 0.5 |
| 3) | 7RPH | 1620 | 0.5 | 6) | VL2UV | 1692 | 0.5 |

**Addresses and other information:**
1) R. for the Print-Handicapped, Canberra, ACT.
2) Queensland Radio for the Print-Handicapped Ltd, GPO Box 438, Brisbane, Qld 4001 — S.M: P. Harte. T.D: D. Laing. 2030-2400 (Mon-Fri), 0800-1200. **V.** by letter. **F. Pl:** increased hours.
3) Broadc. Sces for the Print-Handicapped, GPO Box 1393P, Tas 7001 — S.M: E. Miller. T.D: S. Toth. W 0400-1300 (Sat 1400). **F. Pl:** Sunday prgrs. **V.** by letter. Rp.
4) R. for the Print-Handicapped (Victoria) Co-op Ltd, H.M. Lightfoot Centre, Assoc. for the Blind, 454 Glenferrie Rd, Kooyong 3144 — 2100-1300. **V.** by letter. Rp. **F.Pl:** power increase.
5) R. for the Print-Handicapped (NSW) Co-op Ltd, P.O. Box 211, Paddington, NSW 2021.
6) Univ. of NSW, P.O. Box 1, Kensington, NSW 2033 — S.M. & T.D: L. Porter. 0845-1100. Translator at Kensington on 1720kHz, 0.2kW.

## SPECIAL BROADCASTING SERVICES (SBS)

SBS is a Govt. body which administers broadcasting in various languages other than English.
**ADDR:** 5 Elizabeth Str, Sydney, NSW 2000.
**MEDIUMWAVES:**

| | Call | kHz | kW | | Call | kHz | kW |
|---|---|---|---|---|---|---|---|
| 1) | 3EA | 1224 | 5(d) | 2) | 2EA | 1386 | 5 |

**Addresses and other information:**
1) 35 Banks Str, So. Melbourne 3000 — C.E: H. Deer. 2000-1400.
2) 263 Clarence Str, Sydney, NSW 2000 — C.E: H. Deer. 2000-1400. (Translators: Wollongong 1485kHz 0.1kW, Newcastle 1584kHz 0.1kW).

# BELAU (Republic)

**L.T:** UTC + 9h — **Pr.L:** English, Palauan — **E.C:** a/c 115V

### WSZB (Comm.)

**ADDR:** Broadcasting Radio WSZB, Koror, Palau 96940.
**L.P:** St. Mgr: Santos Ikluk.
**STATION** (G.C: 134.27E/07.19N): 1584kHz 5kW.
**D.PRGR:** 2100-1500. **N:** on the h. and half h.
**ANN:** "This is R. St. WSZB, Koror, Palau" — **F.PL:** 10kW.

**The WRTH Newsletter regularly carries news about the Pacific area. See the advertisement in this edition for details of how to subscribe.**

## COOK ISLANDS

**L.T:** UTC-10h (Su: UTC-9½h) — **Pr.L:** English, Maori.

### COOK ISLANDS BROADCASTING AND NEWSPAPER CORPORATION

**ADDR:** P.O. Box 126, Avarua, Rarotonga. **Te:** 20100. **Cable:** Cooksnews.
**L.P:** Gen. Mgr: A.J. Taripo. Dir. & Chief Tec: N.E. Tangaroa.
**MEDIUMWAVES:** ZK1ZC 630kHz 10kW — ZK1ZA 864kHz 0.5kW.
**SHORTWAVE** (G.C: 159.48W/21.11S): 11760kHz 0.5kW.
**HOME SCE. in English, Maori:** on 630/864/11760kHz: 1600-1000. **National N. in Maori/English:** 1600, 1645, 2245, 0400, 0600. **N. in English** (rel. RNZ or ABC): 0100, 0200, 0300, 0500.
**Relays from Parliament:** During parliamentary sessions (Mon/Tues/Thurs 2300-0300, Wed/Fri 1900-2300), proceedings are relayed on 630/11760kHz while 864kHz carries regular prgrs.
**ANN:** "This is Radio Cook Islands Calling" — **INT-SIG:** Symphony of Drums — **V.** by QSL-card. Rp.

### RADIO IKURANGI (Priv.)

**ADDR:** Avarua. — **L.P:** St. Mgr: Freddy Keil.
**STATIONS: FM:** Avarua ZK1ZD 103.3MHz 0.5kW (stereo), 91.0MHz 0.01kW (repeater).
**D.PRGR:** 2000-1400. **N:** rel. RNZ & R. Australia.
**ANN:** "Radio I".
**F.PL:** Additional repeaters on Rarotonga & Aitutaki.

## EASTER ISLAND (Chilean Dependency)

**L.T:** UTC-6h (Su: UTC-5h) — **Pr.L:** Spanish, Rapa Nui.

### RADIO MANUKENA (Comm.)

**ADDR:** Aeropuerto Mataveri, Isla de Pascua (via Chile).
**L.P:** Gte: Hector Sandaval I.
**STATION** (G.C: 109W/27S): CB58 820kHz 1kW.
**D.PRGR in Spanish & Rapa Nui:** 1300-0100.

### AIR FORCE BROADC. ST. (Mil.)

**MEDIUMWAVE:** r690kHz 0.3kW.
No further details received.

## FIJI

**L.T:** UTC + 12h — **Pr.L:** English, Fijian, Hindi
**E.C.:** a/c 50, 240V (yes).

### FIJI BROADCASTING COMMISSION (Independent Statutory Body, 50% comm, 50% cultural)

**ADDR:** P.O. Box 334, Suva. **Te:** 314333. **Cable:** BROADCOM SUVA. **Telex:** FJ 2142.
**L.P:** Gen. Mgr: H. Leonard. Dep. Gen. Mgr: D. Prasad. Dir. Tec: W. Heads.

| Mediumwaves | kHz | kW | N | Mediumwaves | kHz | kW | N |
|---|---|---|---|---|---|---|---|
| Suva | 558 | 20 | 1 | Lautoka | 891 | 10 | 2 |
| Drasa | 639 | 10 | 1 | Sigatoka | 927 | 2.5 | 2 |
| Labasa | 684 | 2.5 | 1 | Sigatoka | 1206 | 2.5 | 1 |
| Suva | 774 | 20 | 2 | Rakiraki | 1323 | 2.5 | 1 |
| Labasa | 810 | 2.5 | 2 | Rakiraki | 1467 | 2.5 | 2 |

**Mobile tr:** 1089kHz 0.1kW (0.3kW when in Suva). Used irr. for special events. **F.Pl:** 1kW on 990kHz.
**FM:** Suva 90.6MHz 1kW (R. Three).
**D.PRGR:** R. One in Fijian/English, R. Two in Hindi/English, R. Three in English: 1755-1115 (Sat/Sun 1200). **N. in English:** 1800, 1900, 2000, 0130, 0500, 0600, 0700, 0930.
**ANN:** "This is R. Fiji (One/Two/Three)" — **INT-SIG:** Beat on Fijian Lali (Log-Drum) — **V.** by QSL-card. Rp.

## GALAPAGOS ISLANDS (Province of Ecuador)

**L.T:** UTC-5h — **Pr.L:** Spanish.

### LA VOZ DE GALÁPAGOS (Cult.)

**ADDR:** Misión Franciscana, Puerto Baquerizo Moreno, Isla San Cristobal, Galápagos, Ecuador.
**L.P:** Dir: Renigo Andrade.
**STATIONS:** HCVG8 1320kHz 5kW — 4810kHz 5kW.
**D.PRGR in Spanish:** 1215-0400v on 1320kHz, 1200-1430 & 2300-0400v on 4810kHz. (s/off time varies between 0215 & 0400).
**V.** by QSL-card.

## GUAM (US Territory)

**L.T:** UTC + 10h — **Pr.L:** English, Chamorro, Filipino — **E.C:** a/c 60, 110/220V.

### PACIFIC TELESTATIONS Inc. (Pr. Comm.)

**ADDR:** P.O. Box 368, Agana, Guam 96910. **Cable:** Kuam.
**Te:** 477-9861.
**L.P:** Pres: Lawrence S. Berger. Gen. Mgr: Greg Perez. Prgr. Dir: Ed Davis. Chief Eng: Ken Tydingco.
**MEDIUMWAVE:** KUAM 612kHz 10kW.
**FM:** 93.9MHz 2kW (separate prgrs).
**D.PRGR.** 24h in English exc. Japanese 1200-1230 (Sun-Thurs), Korean 1200-1230 (Fri), Filipino 1100-1200 (Sun-Fri). **N:** Every h on the h. (rel. US Networks).
**ANN:** "KUAM Agana, The Voice of the Western Pacific".
**INT-SIG:** Voice and Jingle Form (Orchestra & voices).
**V.** by letter and QSL-card — **F.PL:** 50kW on 630kHz.

### INTER-ISLAND COMMUNICATIONS INC. (Comm.)

**ADDR:** Box 20249, Guam 96921.
**L.P:** Pres. & Gen. Mgr: E. Poppe. Prgr. Dir: A. Juan.
**STATION:** (Mt. Barrigada): KSTO-FM 95.5MHz 3kW.
**D.PRGR:** 24h in English exc. 1900-2000 Chamorro. **N.** on the h.

### K57 RADIO (Comm.)

**ADDR:** P.O. Box GM, Agana, Guam 96910.
**L.P:** Pres. & Gen. Mgr: J. Anderson. Chief Eng: J. Long.
**STATION:** (Manengon): KGUM 567kHz 5kW.
**D.PRGR:** 24h. **N:** Every h on the h. — **V.** by letter. (B).

### AFRTS (Mil.)
### FAR EAST NETWORK GUAM

**ADDR:** OL-AC, AFPBS (AFSINC), APO San Francisco, CA 96334, USA.
**L.P:** St. Mgr: MSgt James P. Shannon. Dir. Op's: MSgt Charles P. Barker.
**STATIONS:** Anderson AFB 89.5/94.7MHz (stereo) — Anderson South 92.1MHz 0.015kW.
**D.PRGR:** Live and transcription prgrs from AFRTS. Stereo Sce. carries National Public Radio prgrs 3½h daily.
**ANN:** "This is FEN Guam".

### TRANS WORLD RADIO PACIFIC (GUAM)

**ADDR:** (KTWG), P.O. Box ED, Agana, Guam 96910; (KTWR) P.O. Box CC, Agana, Guam 96910. **Te:** 477-9701. **Telex:** Guam 6485 KTWR GM.
**L.P:** Pres: Dr. Paul E. Freed. Field Dir: John Roessner. Dir. Tec: George Zensen. Prgr. & Freq. Coordination: TWR-Hong Kong Office (**Telex:** 55427 VOTAN HK).

#### HOME SERVICE

**STATION:** KTWG, Nimitz Hill, Agana 801kHz 10kW: 1955-1405 in English. **N:** on the hour 2000-0700. **Tagalog:** Mon-Fri 0710-0715.
**ANN:** "Inspirational Radio, KTWG, Agana" or "Trans World Radio Pacific, KTWG, Agana".

#### INTERNATIONAL SERVICE

**STATION:** KTWR Merizo (G.C: 144.40E/13.17N): 4 × 100kW SW-tr's.

| kHz | kHz | kHz | kHz | kHz | kHz | kHz |
|---|---|---|---|---|---|---|
| 9510 | 9815 | 11715 | 11765 | 11920 | 15240 | 15420 |
| 9530 | 11670 | 11735 | 11840 | 15115 | 15265 | 17725 |

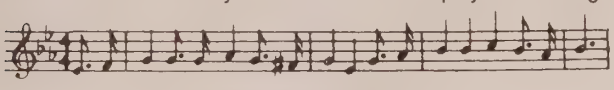
**Areas:** I = Asiatic USSR, II = Japan, III = Indonesia/Malaysia, IV = China, V = So. Ea. Asia, VI = So. Ea. Asia/India.

**The WRTH recommends DXers interested in the Pacific to join one of that region's excellent DX Clubs!**

**Tentative Schedule Nov. 4th, 1984–March 2nd, 1985**

| Assamese | Area | kHz | Mandarin | Area | kHz |
|---|---|---|---|---|---|
| 1430-1445 | VI | 11920 | 0900-1500 | IV | 9815 |
| **Bengali** | | | 0900-1500 | IV | 11735 |
| 1500-1530 | VI | 11920 | 1100-1200 | IV | 9530 |
| **Cantonese** | | | 1200-1300 | V | 9530 |
| 1300-1330 | IV | 9530 | 2200-2300 | IV | 11670 |
| 2200-2230 | IV | 11715 | 2300-2400 | IV | 15265 |
| **English** | | | 2230-2400 | IV | 15115 |
| 0845-1030 | II | 11840 | **Oriya** | | |
| 1330-1430 | VI | 9510 | 1445-1500a | VI | 11920 |
| 1500-1600 | VI | 9815 | **Russian** | | |
| 0000-0100 | VI | 17725 | 1030-1100 | I | 11840 |
| **Hindi** | | | 2300-2330 | I | 11670 |
| 1530-1600 | VI | 11920 | **Santali** | | |
| **Indonesian** | | | 1445-1500b | VI | 11920 |
| 0930-1100 | III | 15240 | **Tamil** | | |
| 2200-2230 | III | 11840 | 1430-1500 | VI | 9510 |
| 2230-2330 | III | 15420 | | | |
| **Japanese** | | | | | |
| 1100-1415 | II | 11765 | | | |
| 2110-2200 | II | 11840 | | | |

a) Thurs-Sat, b) Sun-Wed.
**DX-PRGR: English:** "DX Listener's Log": Sat 0040, 1000, 1530. **Japanese:** Thurs 1135, 1335. **"TWR Mail Bag" in English:** Sun 1000, 1530.
**ANN:** "This is your station for inspiration, KTWR, Agana" or "This is the Voice of Trans World Radio, Pacific, KTWR, Agana."
**INT-SIG:** "We've a story to tell to the Nations" played on an organ.



**V.** by QSL-card (3 IRC's needed for airmail reply, one for surface mail), Rec. acc. (B). **PUB:** Frequency schedule available on request.

## HAWAII (U.S. State)

**LT:** UTC-10h — **Pr.L:** English, Japanese, Filipino.
**E.C:** 60, mainly 115 V.

### HAWAIIAN ASSOCIATION OF BROADCASTERS

**ADDR:** 841 Bishop Str, Suite 1700, Honolulu, HI 96813.
**LP:** Pres: Jeff J. Coelho.
**Broadcast Services, Inc,** 2877 Kalakaua Ave, Honolulu 96815. This company provides the technical sce's for several st's. C.E: A. Roycroft (Technical Dir).

### PRIVATE COMMERCIAL STATIONS

| | Call | kHz | kW | h. of tr. |
|---|---|---|---|---|
| 1) | KMVI | 550 | 5 | 24h |
| 2) | KIPO | 570 | 1 | 24h (F.Pl: 5kW) |
| 3) | KSSK | 590 | 5 | 24h |
| 4) | KIPA | 620 | 5 | 1400-1000 |
| 5) | KORL | 650 | 10 | 24h |
| 6) | KPUA | 670 | 10 | 24h |
| 7) | KKUA | 690 | 10 | 24h |
| 8) | KUAI | 720 | 5 | W 1500 (Sat 1600)-1000, Sun 1700-0800 |
| 9) | KGU | 760 | 10 | 24h |
| 10) | KKON | 790 | 5 | W 1530-1000, Sun 1600-0800 |
| 11) | KIKI | 830 | 10 | 24h |
| 12) | KHLO | 850 | 5 | 1500-1010 |
| 13) | KAIM | 870 | 50 | 1500-1100 (F.Pl: 24h) |
| 14) | KNUI | 900 | 5 | 24h |
| 15) | KDEO | 940 | 10 | 24h |
| 16) | KHVH | 990 | 5 | 24h |
| 17) | KIFH | 1040 | 10 | 24h |
| 18) | KZHI | 1080 | 5 | 24h |
| 19) | KHEI | 1110 | 5 | 24h |
| 20) | KLEI | 1130 | 10 | 1500 (Sat/Sun 1600)-1000 |
| 21) | KOHO | 1170 | 5 | 1430-1000 |
| 22) | KZOO | 1210 | 1 | 1530-0900 |
| 23) | KNDI | 1270 | 5 | 24h |
| 24) | KLNI | 1380 | 5 | |
| 25) | KCCN | 1420 | 5 | 24h |
| 26) | KUMU | 1500 | 10 | 24h |
| 27) | KISA | 1540 | 5 | 1500-1000 |
| 28) | KHNL | 1600 | 5 | |

**FM Stations**

| | MHz | kW | Call | Location |
|---|---|---|---|---|
| 13) | 97.1 | 40 | KFSH | Hilo |
| | 97.9 | 35 | KKBG | Hilo |
| 13) | 95.5 | 100 | KAIM-FM | Honolulu |
| | 88.1 | 27 | KHPR | Manoa, Honolulu |
| 11) | 93.9 | 72 | KMAI | Honolulu |
| | 97.5 | 100 | KDUK | Honolulu |
| 16) | 98.9 | | KHHH | Honolulu |
| | 93.1 | 100 | KQMQ | Honolulu |
| 26) | 94.7 | 60 | KUMU-FM | Honolulu |
| | 96.3 | 75 | KJYE | Honolulu-Kailua |
| 2) | 93.5 | 3 | KIPO-FM | Lihue |
| | 95.1 | 50 | KAOI | Wailuku |
| | 92.3 | 100 | KULA | Waipaku |

**Addresses and other information**
Calendar days refer to local time. Abbreviations: See under USA comm. st's.
1) Box 550, Wailuku, Maui 96793 — G.M: Rod Williams. P. D: L.D. Reynolds. C.E: S. Shiraishi. MoR, variety, Cont. Japanese: 13h, Filipino: 7h weekly. **N**: at :20, :40.
2) Box 1748, Lihue, Kauai 96766 — Mgr: Ms. N. Slavin; P.D: J.C. Werner; C.E: A. Roycroft. Cont. pop. (**N**. at :50). Filipino Mon-Fri 1400-1600, Sun 1400-1700.
3) 1599 Kapiolani Blvd, Honolulu 96814 — G.M: E. McDaniels. P.D: M.W. Perry. C.E: J. Wright. Cont, News.
4) Box 1602, Hilo 96720 — G.M: H. Gordon. P.D: B. Cornett. C.E: A. Roycroft. (**N**-1).
5) 1 Town Square, Honolulu 96817 — Mgr: D. Curtis. P.D: K. Mason. C.E: A. Roycroft. MoR, Nostalgia. (**N**-1).
6) 58 Manaolana Place, Hilo 96720 — G.M: H.C. Boudrau, Sr. C.E: H. Hironaka. Cont. Pop, Hawaiian. Japanese W 1500-1600, Sun 1600-1700. Filipino Sun 0400-0500 (**N**-1 and 1630, 1730).
7) 765 Amana Str, Honolulu 96814 — G.M: D.P. Bowrown. P.D: A. Vali. C.E: R.N. Palitz. Adult cont. (**N**: at :20, :50).
8) Box 720, Eleele, Kauai 96705 — G.M: J.S. Short Jr. S.M: W. Dahle, C.E: A. Roycroft. MoR.
9) 605 Kapiolani Blvd, Honolulu 96813 — G.M: Don Metzger. P.D: B. Armstrong. C.E: A. Roycroft. MoR, jazz.
10) Box 845, Kealakekua, Hawaii 96750 — G.M: Al Abreu. C.E: A. Roycroft. Popular.
11) 841 Bishop Str, Suite 1700, Honolulu 96813 — G.M: J.J. Coelho. P.D: K. Kong. C. E: Donn Werrbach. Top 40 (**N**-1).
12) Waiaka Resort Village, 400 Hualani, Hilo 96720 — G.M: M. Linch. P.D: R. Roberts. C.E: A. Roycroft. MoR, Japanese Mon-Thurs 0400-0500 (**N**-1).
13) Box 375, Honolulu 96809 — G.M: C.R. Scott. P.D: Paula Criz; C.E: Ken Wooley. Non-profit rlg. (**N**-1).
14) 311 Ano Str, Kahului, Maui, Hawaii 96732 — G.M: T. Elkins. P.D: Rod Henke. C.E: J. Storm. Cont. pop (**N**: at :55).
15) 94-1088 Farrington Hwy, Waipahu, Oahu 96797 — Mgr: Ron Jacobs. P.D: Ed Kanoi. C.E: Donn Werrbach. C&W (**N**-1).
16) Bishop Square, Pauahi Tower, 1001 Bishop Str, Honolulu 96813 — G.M: L.S. Berger. P.D: Don Robbs. C.E: Sam Hall. All news.
17) 705 Bishop Str, Honolulu 96813 — C.E: A. Roycroft. Rlg.
18) Honolulu — C.E: A. Roycroft. No further information available.
19) Box 55, Pukalani, Maui, HI — Mgr. & P.D: Ron Vaught. C.E: A. Roycroft.
20) 32 Kainehe Str, Suite 202, Kailua 96734 — Mgr: Lucille Cordeiro. P.D: R. Alhadeff. C.E: A. Roycroft. MoR, 25% Hawaiian. (**N**. at :55).
21) 1140-A 12th Ave, Honolulu 96816 — G.M: W.I. Soga. P.D: S. Ogata. C.E: A. Roycroft. Japanese.
22) 250 Ward Ave, Honolulu 96814 — G.M: Y. Sato. C.E: A. Roycroft. Japanese (**N**-1).
23) 1734 S. King Str, Honolulu 96826 — Mgr: L. Jona. P.D: G. Thomas. C.E: A. Roycroft. C&W, Gospel, talk. Filipino 1430-1600.
24) Pearl City.
25) Suite 400, 900 Fort Str, Honolulu 96813 — G.M: Mrs. R. Hope. P.D: J.G. Benton. C.E: A. Roycroft — All Hawaiian music. Hawaiian: Sun 0300-0400.
26) 2005 Kaila Rd, Honolulu 96815 — G.M: J.H. Weiser Jr. P.D: C.J. Sharpe. C.E: A. Roycroft — Beautiful music.
27) Suite 204, 904 Kohou Str, Honolulu 96817 — G.M: R.C. Manayan. P.D: R.P. Kim. C.E: A. Roycroft. Top 40 (**N**: at :55). Filipino 1530-2000.
28) Honolulu (under construction).

## JOHNSTON ISLAND (U.S. Terr.)

**L.T:** UTC + 10h — **Pr.L:** English.

### AFRTS Johnston Atoll

(U.S. Defense Nuclear Agency).
**ADDR:** APO, San Francisco, Calif. 96305, USA.
**L.P:** St. Mgr: Claude W. Jay.
**STATIONS:** Johnston Atoll 99.5MHz/101.1MHz: 0.05kW.
**D.PRGR:** Stereo 101 is 24h sce, mostly automation, but with limited live/local programming; 99.5 relays KGMB Honolulu, Hawaii.

## KIRIBATI

**L.T:** UTC+12h — **Pr.L:** Kiribertese, English — **E.C:** a/c 50, 240V.

### RADIO KIRIBATI (A Division of the Broadcasting and Publications Authority).

**ADDR:** P.O. Box 78, Bairiki, Tarawa Atoll. **Te:** 296. **Cable:** Information. Tarawa.
**L.P:** Mgr: T.K. Tarau. Prgr. Organiser: A. Bauro. Eng. in Charge: W. Reiher.
**STATION:** T3K1 846kHz 10kW. — **SW:** 14802 (alt: 9825)kHz 10kW on Betio Island, relaying off-air signal to Christmas Island (USB+carrier).
**HOME SCE. in Kiribertese and English:** Mon-Fri 1830-2000, 0000-0130, 0600-0930; Sat 1830-0130, 0600-0930; Sun 0000-0130, 0600-0930. Additional prgrs for schools during term: Mon-Fri 2130-2400.
**N. English:** Mon-Fri 1900, 0100, 0600; Sat 2000, 0100, 0600; Sun 0100, 0600. **Kiribertese:** 1915 (Mon-Fri), 0115, 0700, 0900.
**ANN:** E: "This is R. Kiribati". K: "Alo Banaan Kiribati"
**V.** by QSL-card.

#### KIRITIMATI (Christmas Island)

**STATION:** (G.C: 02.00N/157.30W) 1115kHz 1kW.
**D.PRGR:** Relay R. Kiribati (times as above).
**F.PL:** Freq change to 846kHz.

## LORD HOWE ISLAND

## (Australian Territory)

**L.T:** UTC + 10½h (Su: UTC + 11h) — **Pr.L:** English — **E.C:** a/c 240V (no).

### LORD HOWE ISLAND RADIO STATION

(Community St.)
**ADDR:** Post Office, Lord Howe Island, NSW 2898, Australia.
**L.P:** St. Mgr: R.A. Matthews. Dir. Tec: Dr. K. Hicks.
**STATION:** 1494kHz 0.1kW.
**D.PRGRS:** Mon-Fri 2130-0130, 0530-0730; Sat 2130-0130; Sun 2130-2400 & 0700-0800. **Local N:** On half h 2130-0130. (St. relays 4QR Brisbane when no local announcer available).
**ANN:** "R. St. Lord Howe Island".
**V.** by letter. Rp.

## MARSHALL ISLANDS

## Majuro

**L.T:** UTC + 12h — **Pr.L:** English, Marshallese.

### WSZO (Comm.)

**ADDR:** Majuro, Marshall Islands 96950.
**L.P:** St. Mgr: Samuel Jordan.
**STATION:** (G.C: 171.23E/07.06N) 1098kHz 10kW.
**D.PRGR:** 1800-1200.
**ANN:** "This is R. St. WSZO, Majuro, Marshall Isl."
**V.** by letter.

### AFRTS RADIO (US Army)

**ADDR:** Box 23, APO, San Francisco, CA 96555, USA
**L.P:** St. Mgr: Jim Denny. Dir. Tec: Paul Bryant.
**MEDIUMWAVE:** WXLG Kwajalein 1224kHz 1kW.
**FM:** 100MHz 1kW (translator on Roi Namur Isl.)
**D.PRGR:** 24h. (automated 1200-1800).
**N:** hourly via satellite 1800-1200

## MICRONESIA (Federated States of)

**L.T:** Yap, Truk UTC+10h; Ponape, Kosrae UTC+11h.
**Pr.L:** Yapese, Trukese, Ponapean, Kosraean, English.

### FEDERATED STATES OF MICRONESIA INFORMATION OFFICE (Gov.)

**ADDR:** P.O. Box 490, Kolonia, Ponape, Eastern Caroline Isl. 96941. **Te:** 548. **Cable:** FSM GOVT.
**L.P:** Ag. Inf. Officer: K. Johnson. Broadc. Officer & ABU Liaison Officer: E. Lippwe.
**STATIONS:** G.C: 1) 157E/7N, 2) 137E/10N, 3) 163E/5N, 4) 151E/7N.

| | Call | kHz | kW | | Call | kHz | kW |
|---|---|---|---|---|---|---|---|
| 1) | WSZD | 1449 | 10 | 3) | WTFL | 1584 | 1 |
| 2) | WSZA | 1485 | 10 | 4) | WSZC | 1593 | 5 |

**Addresses and other information:**
1) P.O. Box 1086, Kolonia, Ponape, Micronesia 96941 — St. Mgr: D. Frederick. Prgr. Dir: F. Zarred. N. Dir: Pauline Pablo. 1900-1300 in English (30%)/Ponapean.
2) Yap State, Micronesia 96943 — St. Mgr: A. Yug. Prgr. Dir: Mr. Lubuag — 2000-1400 in English/Yapese.
3) Kosrae State, Micronesia 96944 — St. Mgr: K. Olter. Prgr. Dir: A.K. Mica — 2000-1400 in English/Kosraean.
4) Truk State, Micronesia 96942 — St. Mgr. & Prgr. Dir: P. Maipi — 2000-1400 in English/Trukese.
**ANN.** in vernaculars: 1) "Met Station WSZD nan Pohnpei" — 2) "Pary e radio station WSZA nu Waab" — 3) "Painge radio WTFL, fin and Kosrae" — 4) "Ach nenien appio WSZC Ion Chuk".

## MIDWAY ISLAND (U.S. Terr.)

**L.T:** UTC - 11h — **Pr.L:** English.

### NAVY BROADCASTING SERVICE (AFRTS)

**ADDR:** Det. 27, U.S. NAF Box 39, San Francisco, CA 96614, USA.
**L.P:** Gen. Mgr: Christopher Bell. St. Mgr: George Markfelder. Petty Officer in charge: Christopher T. Bell.
**STATION:** KMTH 920kHz 0.25kW — 94MHz 0.05kW.
**D.PRGRS:** On 920kHz: 1900 (Sat/Sun 2100)-1300 (Sat 1500). On **FM:** 24h. **N:** on the h. — **ANN:** "The Voice of the Pacific".

## NAURU (Republic of)

**L.T:** UTC + 11½h — **Pr.L:** English, Nauruan.

### NAURU BROADCASTING SERVICE (Gov.)

**ADDR:** Nauru Broadc. Service, Republic of Nauru, Central Pacific. **Te:** 3095. **Cable:** Broadserv, Nauru.
**L.P:** St. Mgr: Millicent Aroi. Dir. Tec: Anzac Dediya.
**STATION:** (G.C: 166.56E/00.33S): C2AM 1323kHz 0.2kW.
**HOME SCE. in English and Nauruan:** 1900-0200, 0430-1130 (Sat 1900-1130).
**N:** (rel. R. Australia): 1930, 2030, 2130, 2230, 0030, 0830, 0930.
**V.** None issued.

## NEW CALEDONIA (French)

**L.T:** UTC + 11h — **Pr.L:** French — **E.C:** a/c 50, 220V (yes)

### RADIODIFFUSION FRANÇAISE D'OUTRE MER (RFO)

**ADDR:** B.P. G3, Noumea Cédex. **Te:** 274327. **Cable:** RTOM 052 NW. **Telex:** 070600.
**L.P:** Regional Dir: Fred Jouhaud. Prgr. Dir: M. Wulystecke. Head of Inf: A. Blondet.
**MEDIUMWAVE:** 666kHz 20kW.
**SHORTWAVE** (G.C: 166.26E/22.16S): 3355/7170kHz 20kW, 11710kHz 4kW — **FM:** Mont Do 96.4MHz, Nawagued 93.5MHz,

Aoupinie 99.0MHz (all 0.3kW) + 9 low power repeaters.
**D.PRGR in French:** 1900-1115 (Fri 1200, Sat 1300, Sun 1000) on all freqs. **N. in French:** 1915, 1945, 2015, 2030, 2230, 2330, 0100, 0530, 0800. **Wrp:** 1930, 1955, 0000, 0100, 0800, 0900.
**ANN:** "Bonjour, vous êtes à l'écoute de RFO Nouvelle Caledonie".
**INT-SIG:** Call of the cagou bird and la Marseillaise — **V.** by letter. Rp. Rec. acc. **ALF:** FP 1.000,–.

### RADIO RYTHME BLEU (Priv./Comm.)

**ADDR:** B.P. 1390, Noumea. **Te:** 283357.
**STATIONS:** FM 98.0/100.0MHz 0.1kW.
**D.PRGR:** Sun-Thurs 1825-0800 & 1055-1300, Fri/Sat 1825-1300.

## NEW ZEALAND

**L.T:** UTC+12h (Oct-March UTC+13h) — **Pr.L:** English, Maori
**E.C:** a/c 50, 230/400V (Yes).

### POST OFFICE HEADQUARTERS

Wellington. **Cable:** Radiodiv — **L.P:** Dir. Gen: F.K. McInerney. Eng-in-Chief: G.T. McPherson.

### BROADCASTING CORPORATION OF NEW ZEALAND

Responsible for all transmission operations and exercises servicing and supervisory functions in respect of broadcasting services.
**ADDR:** P.O. Box 98, Wellington. **Te:** 721-777. **Cable:** Broadserv. **Telex:** NZ 31031.
**L.P:** Chmn: I.A. Cross. Secr. of Corp: I.H. McLean. Dir. of Eng: P. Mainwaring. Techn. Overseas Liaison Officer: E.J. Atkins. Overseas Liaison Officer: K.H. Funnell.

### RADIO NEW ZEALAND

(Service of BCNZ)
**ADDR:** P.O. Box 2092, Wellington. **Te:** 721-777. **Cable:** Radionet. **Telex:** NZ 30131.
**L.P:** Dir. Gen: Miss B.A. Wakem. Contr. Prgrs: J.S. Craig. Contr. of Engineering: P.E. Rollo. Editor News & Curr. Affairs: C. Turver. Dir. Sales & Marketing: R.K. Wilkinson.

**STATIONS:** 3YW/3YR and 4YW/4YQ are part-time comm. Other YA, YB, YW, YX, YM st's are non-comm. and belong to the Nat. Prgr; YC st's (plus 2ZK and 4ZG part time) are also non-comm. and belong to the Concert Prgr; Z st's carry comm. adv.

| | Call | kHz | kW |
|---|---|---|---|
| Gore | 4ZG | 558 | 5 |
| Wellington | 2YA | 567 | 100 |
| Te Anau (rel. 4ZA) | 4ZF | 612 | 0.4 |
| Napier | 2YZ | 630 | 20 |
| Alexandra (r) | 4YW | 639 | 2 |
| Wellington | 2YC | *657 | 60 |
| Christchurch | 3YA | 675 | 20 |
| Invercargill | 4YZ | 720 | 20 |
| Greymouth | 3ZA | 747 | 2 |
| Auckland | 1YA | 756 | 20 |
| Hastings | 2ZK | 765 | 5 |
| Wellington | 2YB | +783 | 20 |
| Dunedin | 4YA | 810 | 20 |
| Rotorua | 1YZ | 819 | 10 |
| Whangarei | 1YX | 837 | 2 |
| Kaitaia | 1YK | 837 | 2 |
| Masterton | 2ZD | 846 | 2 |
| Invercargill | 4ZA | 864 | 10 |
| Ashburton | 3ZE | 873 | 1 |
| Auckland | 1YC | *882 | 10 |
| Dunedin | 4YC | *900 | 10 |
| Greymouth | 3YZ | 918 | 10 |
| Palmerston North | 2ZA | 927 | 2 |
| Gisborne | 2ZG | 945 | 2 |
| Christchurch | 3YC | *963 | 10 |
| Kaikohe (r) | 1YE | 981 | 2 |
| Tauranga | 1ZD | 1008 | 10 |
| Kaitaia (r) | 1ZK | 1026 | 2 |
| Whangarei | 1ZN | 1026 | 2 |
| Wellington | 2ZB | 1035 | 20 |
| Dunedin | 4ZB | 1044 | 10 |
| New Plymouth | 2ZP | 1053 | 2 |
| Auckland | 1ZB | 1080 | 10 |
| Christchurch | 3ZB | 1098 | 10 |
| Orohuia | | 1098 | 5 |
| Nelson | 2YX | 1116 | 2 |
| Queenstown (r) | 4YQ | 1134 | 2 |
| Hamilton | 1YW | 1143 | 2 |
| Timaru | 3ZC | 1152 | 2 |
| Wellington | 2ZM | 1161 | 2 |
| Wanganui | 2ZW | 1197 | 2 |
| Kaikohe (rel. 1ZN) | 1ZE | 1215 | 2 |
| Auckland | 1ZM | 1251 | 2 |
| Napier | 2ZC | 1278 | 2 |
| Westport | 2ZW | 1287 | 2 |
| Hamilton | 1ZH | 1296 | 5 |
| Taupo | 1YT | 1314 | 2.5 |
| Gisborne | 2YW | 1314 | 2 |
| Christchurch | 3ZM | 1323 | 2 |
| Nelson | 2ZN | 1341 | 2 |
| Rotorua | 1ZC | 1350 | 2 |
| Turangi (rel. 1ZA) | 1ZT | 1386 | 0.1 |
| Oamaru | 4ZW | 1395 | 2 |
| Tokoroa | 1ZO | 1413 | 2 |
| Palmerston North | 2YM | 1449 | 2 |
| Greymouth | 3YW | 1458 | 2 |
| Twizel (rel. 3ZC) | 3ZO | 1485 | 0.1 |
| Taupo | 1ZA | 1494 | 2 |
| Taumarunui | 1ZU | 1512 | 1 |
| Reefton (r) | 3YR | 1521 | 0.1 |
| New Plymouth | 2YP | 1530 | 2 |
| Blenheim | 2ZE | 1539 | 1 |
| Picton (r) | 2ZF | 1539 | 0.1 |
| Hawera (rel. 2ZP) | 2ZH | 1557 | 2 |

All st's 24h exc. *)YC's and 2YB — comes on the air to broadcast 2YA's prgr's when that st. is broadcasting from Parliament; also Access Radio 2YB Sun 2100-0430; Mon-Fri 0500-1000.
*) YC stations operate Mon-Fri 1800-2230 & 0500-1200; Sat/Sun 2000-1200. (r) = repeater.
Broadcasts from Parliament by 2YA (and 1YC-4YC afternoons only).
**NEWS** (Nat. Prgr): 1200, 1300, 1400, 1600, 1700, 1800, 1830, 1900, 1930, 2000, 2030, 2100 (W), 2200 (Sun), 2300 (W), 2400, 0100, 0200, 0300, 0400, 0500, 0600, 0830, 1000, 1200.
**News in Maori:** Sun 0550; Mon-Fri 0555, 0700, 1841 (1YA only).
**News in Samoan, Cook Islands Maori, Tongan, Niuean or Tokelauan:** Mon-Fri 0704-0730.
**Dominion Weather:** 1210, 1500 (coastal), 1704 (coastal), 1730, 1835, 1915, 2005, 2104, 0033, 0305, 0455, 0607, 0840, 1008.
**N.** (Comm. Net): on the h.
**N.** (Concert Prgr): *1800 (R.NZ), *1930 (R.NZ), 2000 (BBC), 2100 (R.NZ), 2220 (R.NZ), 0500 (R.NZ), 1100 (BBC) — *) Mon-Fri only.
**PUB:** "The New Zealand Listener" (Home Sce Radio & TV prgrs) $NZ 39.00 annually.

### OVERSEAS SERVICE

**ADDR:** Radio New Zealand, P.O. Box 2092, Wellington.
**Te:** 721-777. **Cable:** Radionet. **Telex:** 31031.
**L.P:** Mgr. Overseas Prgr: Rudi Hill. Reg. Eng: E.N. Ratcliff. Transmitter Supervisor (Tihati Bay): W. McMillan. Supervisor High Freq. Sce, Quartz Hill: B. Robbins.
**STATIONS** (G.C: 174.50E/41.05S): 2 x 7.5kW tr's.

| kHz | kHz | kHz | kHz |
|---|---|---|---|
| 9585 | 9620 | 15485 | 17710 |

**Schedule:** Nov 1984-Feb 1985 (NZ Time: UTC + 13h):
**Pacific Service (Beam 30°):** 1700-2000 on 15485/17710kHz, 2000-1100 on 17710kHz.
**Australia and No. We. Pacific (Beam 285°):** 2000-0405 on 15485kHz, 0415-0715 on 9585kHz, 0715-1115 on 9620kHz.
**PRGRS:** Rebroadcast of Domestic Sce, Nat. Prgr. and Sporting Sce.
**N:** 1700, 1730, 1800, 1830*, 1855**, 1900*, 1930**, 2000, 2200 (Sun-Fri) (special bulletin for So. Pacific), 2300, 0100***, 0200***, 0300 (Sat/Sun), 0400***, 0500, 0730, 0900, 1100 — *) Fri/Sat; **) Sun-Thurs; ***) Mon-Fri.
**Maori and Pacific Prgrs: Maori:** Sun 0430. **N. in Maori:** Mon-Fri 0455. **N.** and magazine prgr. in Maori, Samoan, Cook's Maori, Niuean, Takeluan and Tongan: 0600-0630 Mon-Fri.
**NB:** During March-October all prgrs will be heard one hour later, with additional N. 0700***.
**ANN:** "This is the National Prgr. and Short Wave Sce. of R. New Zealand." or "This is (local station ident) and Shortwave Sce of R.

***Direct from the Editor's Desk Keep up-to-date with the***

**WRTH NEWSLETTER**

Each issue contains schedules of the International Broadcasters, station news, updater to the Shortwave Stations list, and interesting articles such as equipment news and test reports.

☆ ☆ ☆

The **WRTH Newsletter** is published in May, September and November to coincide with the seasonal frequency changes, and is completed just a few days before mailing.

☆ ☆ ☆

**Annual subscription** (we do **not** accept 3-issue subscriptions starting Sept. or Nov.) as follows:

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**WRTH Newsletter**
**Søliljevej 44, DK-2650**
**Hvidovre, Denmark**

New Zealand"; also freq. followed by "These are the Shortwave Stations of R. New Zealand".
**INT-SIG:** Call of N.Z. Bellbird, with other Bird Calls during prgr — **V.** DX Reports must be accompanied by 3IRC's if QSL Verification Cards are required.
Although cassettes are accepted as proof of reception, cassettes will only be returned if requested, and sufficient (5) IRC's are enclosed with report, for handling and return postage.

### PRIVATE STATIONS

All sts. comm exc. 7) & 9).

| | Call | kHz | kW | Name and h. of tr. |
|---|---|---|---|---|
| 3) | 4XA | 531 | 2 | R. Central, Alexandra: 24h (rel. 4XO) |
| 9) | 2XL | 801 | 1 | R. Rhema, Nelson (rel. 3XG) |
| 12) | 2XS | 828 | 2 | Regional R, Palmerston No: 24h |
| 1) | 2XW | 891 | 5 | R. Windy, Wellington: 24h |
| 2) | 1XW | 954 | 2 | R. Waikato, Hamilton: 24h |
| 3) | 4XO | 1206 | 2 | R. Otago Ltd, Dunedin: 24h |
| 11) | 4XF | 1224 | 2 | Foveaux R, Invercargill: 24h |
| 4) | 1XX | 1242 | 2 | R. Bay of Plenty Ltd: 24h |
| 4) | 1XX | 1242 | 0.1 | Galatea (repeater) |
| 5) | 3XA | 1260 | 2 | R. Avon Ltd, Christchurch: 24h |
| 6) | 1XI | 1332 | 5d | R. I Ltd, Auckland: 24h |
| 3) | 4XC | 1359 | 1 | R. Central, Queenstown: 24h (rel. 4XO) |
| 3) | 4XE | 1359 | 0.1 | R. Central, Wanaka: 24h (rel. 4XO) |
| 7) | 4XD | 1431 | 0.6 | Dunedin Radio, Dunedin |
| 8) | 1XA | 1476 | 5 | R. Hauraki Ltd, Auckland: 24h |
| 9) | 3XG | 1503 | 2 | R. Rhema, Christchurch: 1800-1200 |
| 9) | 2XG | 1503 | 5 | R. Rhema, Wellington (rel. 3XG) |
| 10) | 1XP | 1593 | 5 | R. Pacific, Auckland: 24h |

d) directional antenna.

**Addresses and other information:**
1) Capital City Radio Ltd, P.O. Box 558, Wellington — Chief Eng: J. Searing. **N:** On the h, and at 1830, 1930, 2030, 0030, 0130, 0430 & 0530.
2) Independent Broadc. Co. Ltd, P.O. Box 9540, Hamilton — Gen. Mgr: W. Baxter. Dir. Tec: V.G. Talbot. **N:** on the h. 1800-0600.
3) R. Otago Ltd, Private Bag, Dunedin — St. Mgrs: R. Raynor (4XO), W. Douglas (4XA/4XC/4XE). Chief Eng: B. Paterson. **N:** on the h. and half-hourly 1800-2100, 0000-0200.
4) R. Bay of Plenty Ltd, P.O. Box 383, Whakatane — Gen. Mgr: G. Smith. Dir. Tec: G. Bryce. **N:** on the h. and half h. **F.PL:** FM outlet of 40kW at Manawahe.
5) R. Avon Ltd, P.O. Box 1260, Christchurch — Prgr. Dir: R. Ditchburn. N. Editor: J.T. Smith. Admin: G.G. Norquay. **N:** on the h, also 1930, 2030, 0030, 0530. **F.PL:** FM application pending.
6) R. I Limited, Private Bag, Auckland — Man. Dir: G.B. Edwin. Dir. Tec: Ph. Johnson. **N:** On the h & 1930, 2030, 0430, 0530.
7) Otago Radio Association, P.O. Box 404, Dunedin — St. Mgr: S. Wright. Chief Eng: C. Ashton. **D.Prgr:** W 0600-1100; Sun 2100-2400, 0600-1100. **N:** 0830 (R.NZ), 0900 (BBC), 1000 (R.NZ) — **V.** by QSL-card. Rp.
8) Hauraki Enterprises Ltd, P.O. Box 1480, Auckland 1 — Gen. Mgr: J. McCready. Chief Eng: P. Johnston. **N:** on the h.
9) P.O. Box 21, Christchurch — National Dir: R.M.H. Berry. St. Mgr: D. Scantlebury. Dir. Tec: F.J. Salisbury. **N:** on the h (also on the half h. 1900-2100, 0030, 0400-0600). **DX-Prgr** (Arthur Cushen's DX World): Fri 1103.
10) R. Pacific, Private Bag, Manukau (East Tamaki) — Gen. Mgr: D. Lowe. Op's Mgr: C. Parkinson. Chief Eng: G. Brown. **N:** on the h & half h (every 15 mins 1800-0800).
11) Foveaux Radio Ltd, Private Bag, Invercargill — St. Mgr: W. Morris.
12) Manawatu Radio Co, P.O. Box 446, Palmerston No. — St. Mgr: L. Summerville. Op's Mgr: J. Millar. Chief Eng: A. Fergusson. **N:** on the h. also 1830, 1930, 2030, 0030, 0530.
**Comm. FM-st's** (both in Auckland)
1ROQ-FM 89.4MHz 50kW 24h.
1MJK-FM 91.0MHz 50kW 24h.

## NIUE ISLAND (NZ Dependency)

**L.T:** UTC −11h — **Pr.L:** Niuean, English.

### INFORMATION & BROADC. SCES. (Gov.)

**ADDR:** Inf. & Broadc. Sces. Central Office, P.O. Box 67, Niue Island. **Cable:** Sec. Gov. Niue.

**L.P:** Resident Commissioner: C.A. Roberts. Inf. Officer: Sione O. Jacobsen.
**STATION** (G.C: 69.55W/19.02S): Alofi ZK2ZN 594kHz 0.25kW.
**D.PRGR:** 1630-1930 (Tues-Sat), 1700-2300 (Sun), 2230-0030 (Tues-Sun), 0500-0815 (Tues-Sun).
Station is silent on Mon (i.e. Sun local time).
**ANN:** E: "Radio Sunshine". Niuean: "Ko e Leo Taogo ha Niue a nai, ko e ZK2ZN".
**V.** by letter from Inf. Officer. Rp.

## NORFOLK ISLAND

## (Australian Territory)

**L.T:** UTC + 11½h — **Pr.L:** English.

### NORFOLK ISLAND BROADCASTING SERVICE (Gov.)

Owned by the Norfolk Island Adm. and under the technical direction of the Australian Telecommunications Commission.
**ADDR:** Norfolk Island Administration, Kingston, Norfolk Island 2899
**L.P:** Broadc. Officer: Mrs. K. Le Cren.
**STATION** (G. C: 167.56E/20.03S): VL2NI 1566kHz 0.05kW.
**FM:** 93.9MHz 0.05kW (stereo).
**D.PRGRS:** In **English:** W 1900-1100; Sun 0100-1100.
**Local N:** W 2000, 2110, 2230, 0030, 0130. **N.** (relay R. Australia) 0600.
**ANN:** "Norfolk Island Broadc. Sce, St. VL2NI" — **V.** (B).

## NORTHERN MARIANA ISLANDS

## (U.S. Commonwealth)

**L.T:** UTC + 10h — **Pr.L:** English + 2 major Micronesian languages.

### OFFICE OF THE GOVERNOR

**ADDR:** c/o Executive Offices of the Governor, Commonwealth of the Northern Mariana Islands, Saipan, CM 96950.
**Cable:** Gov N M I Saipan.
**L.P:** Public Inf. & Protocol Officer: Elfriede Craddock.

### WSZE (Comm.)

**ADDR:** Micronesia Broadc. Corp, Rapakau Hill, Saipan, CM 96950.
**STATION:** Navy Hill (G.C: 145.46E/15.12N): 1053kHz 1kW — **FM:** 93.3MHz 1kW.
**L.P:** Gen. Mgr: T. Dickey. Asst. Mgr: A. Ocambo. Dir. Tec: M. Madaing.
**D.PRGR:** 0000 (Sat 0200)-1400.

### FAR EAST BROADC. CO. (Rlg.)

**ADDR:** P.O. Box 209, Saipan, CM 96950. **Telex:** 783686.
**L.P:** Pres: Dr. R. Bowman. Exec. Dir: W. E. Haney. Dir: N. Blake.
**MEDIUMWAVE:** Susupe (Saipan) KSAI 936kHz 10kW.
**SHORTWAVE:** Marpi (G.C: 145.48E/15.16N): KFBS 3×100kW tr's.
**Tentative schedule:**

| kHz | H. of tr | kHz | H. of tr. | kHz | H. of tr. |
|---|---|---|---|---|---|
| 9515 | 1300-1400 | 9610 | 1100-1400 | 11880 | 1500-1600 |
| | 2100-2300 | 9730 | 2100-2400 | 15225 | 2200-2400 |
| 9525 | 1600-1730 | 11770 | 1500-1600 | 15350 | 1300-1500 |
| 9545 | 1400-1600 | 11825 | 1400-1500 | | |

**HOME SCE:** on 936kHz: 2000-1200. **N:** on the h.
**SHORTWAVE SCE:** Indonesian 2200-2300, Kannada 1545-1600, Malayalam 1500-1545, Mandarin 2100-2200 & 1100-1300, Russian 1300-1500, Vietnamese 2300-2400.
**V.** by QSL-card.

### KYOI (Comm.)

**ADDR:** Marcom, P.O. Box 1387, Saipan, CM 96950.
**L.P:** St. Mgr: William E. McBride.

*WRTH Newsletter — see previous page*

**STATION:** Agingan Point (G.C: 145.41E/15.07N): 1×100kW SW-tr.

| kHz | H. of tr | kHz | H. of tr |
|---|---|---|---|
| 9665 | 1600-1900 | 15190 | 0300-1000 |
| 9670 | 1900-2200 | 15405 | 2200-0300 |
| 11900 | 1000-1600 | | |

**D.PRGR:** 24h in Japanese (rock music format) beamed to Japan.
**V.** by QSL-card.

## PAPUA NEW GUINEA

**L.T:** UTC + 10h — **Pr.L:** English, Melanesian, Pidgin, Hiri Motu + 30 Vernacular languages — **E.C:** a/c 50, 240/415V (no).

### NATIONAL BROADCASTING COMMISSION OF PAPUA NEW GUINEA

**ADDR:** P.O. Box 1359, Boroko, N.C.D. **Te:** 25 5233. **Cable:** Natbroadcast. **Telex:** NE23083, Port Moresby.
**L.P:** Chmn: A.J. Sapias. Dir. Tec: S. Ona. Prgr. Dir: F. Damien. Dir. Staff Development & Training: J. Malisa. Dir. N. & Current Affairs: O. Philemon. Dir. Finance: B. Isaac. Dir. Management: B. Arua.
**STATIONS:** N1 = Nat. Sce. 1:1930-1400 — P = Provincial Sce: 1930-2200, 0700-1400.

| | Call | kHz | kW | St/Times |
|---|---|---|---|---|
| 1) | — | 585 | 2 N1 | Port Moresby |
| 1) | — | 675 | 2 N1 | Lae |
| 1) | — | 675 | 2 N1 | Wewak |
| 1) | — | 810 | 2 N1 | Rabaul |
| 1) | — | 864 | 2 N1 | Madang |
| 1) | — | 900 | 2 N1 | Goroka |
| 20) | — | 1494 | 10 P | R. Enga |
| 8) | — | 1593 | 10 P | R. West Sepik |
| 3) | — | 2376 | 2 P | R. Simbu |
| 20) | — | 2410 | 2 P | R. Enga |
| 8) | — | 3205 | 4 P | R. West Sepik |
| 9) | — | 3220 | 2 P | R. Morobe |
| 2) | — | 3235 | 2 P | R. West New Britain |
| 10) | — | 3245 | 2 P | R. Gulf |
| 11) | — | 3260 | 2 P | R. Madang |
| 12) | — | 3275 | 2 P | R. Southern Highlands |
| 13) | — | 3290 | 2 P | R. Central |
| 14) | — | 3305 | 10 P | R. Western |
| 19) | — | 3315 | 2 P | R. Manus |
| 15) | — | 3325 | 10 P | R. North Solomons |
| 16) | — | 3335 | 10 P | R. East Sepik |
| 7) | — | 3345 | 2 P | R. Northern |
| 17) | — | 3360 | 10 P | R. Milne Bay |
| 6) | — | 3375 | 2 P | R. Western Highlands |
| 18) | — | 3385 | 10 P | R. East New Britain |
| 4) | — | 3395 | 2 P | R. Eastern Highlands |
| 5) | — | 3905 | 2 P | R. New Ireland |
| 1) | P2K3 | 3925 | 10 N1 | Port Moresby: 1930-2230, 0730-1400 |
| 1) | P2K4 | 4890 | 10 N1 | Port Moresby: 1930-1400 |
| 6) | — | 5965 | 2 N1 | R. Western Highlands: 2230-0630 |
| 18) | — | 5985 | 10 N1 | R. East New Britain: 2230-0630 |
| 15) | — | 6020 | 10 N1 | R. North Solomons: 2230-0530 |
| 17) | — | 6040 | 10 N1 | R. Milne Bay: 2230-0630 |
| 14) | — | 6080 | 10 N1 | R. Western: 2200-0700 |
| 16) | — | 6140 | 10 N1 | R. East Sepik: 2230-0500 |
| 1) | P2T9 | 9520 | 10 N1 | Port Moresby: 2200-0800 |
| 9) | — | 9575 | 2 N1 | R. Morobe: 2200-0700 |
| 1) | P2K11 | 11880 | 10 N1 | Port Moresby: irr. as required |

**FM: Radio Kalang** (stereo): 1930-1400.
**Main st's:** Boroko 100.3MHz 1kW, Rabaul 100.5MHz 1kW, + 14 st's of 0.1kW.
**Addresses and other information:**
**National Service:**
1) Box 1359, Boroko. **Cable:** Natbroad. **Telex:** NE 22112.
**L.P:** Dir. N: F. Damien. Others: see above. Prgrs in English, Pidgin, Hiri Motu. **N. in English:** 2000(W), 2045, 2145(W), 2245 (Sun), 0230, 0330 (exc. Sat), 0600 (Mon-Fri), 0800 (exc. Sat), 0900, 1100, 1300.
**V.** by QSL-card. Rp. Specific prgr. details, time, frequency, date required for verifications.

**Provincial Stations:**
2) P.O. Box 142, Kimbe—Mgr: A. Rumina. Prgrs. in Pidgin.

3) P.O. Box 228, Kundiawa—Mgr: T. Boski. Prgrs in Pidgin, Kuman and local dialects.
4) P.O. Box 311, Goroka—Mgr: R. Kepagane. Prgrs. in Pidgin, Gahuka, Kafe.
5) P.O. Box 140, Kavieng—Mgr: A. Luriu. Prgrs. in Pidgin.
6) P.O. Box 311, Mount Hagen—Mgr: W. Kundin. Prgrs. in Pidgin, Midwahgi, Medipa.
7) P.O. Box 137, Popondetta—Mgr: R. Wainetti. Prgrs. in English, Orokaiva, Hiri Motu, Ewage.
8) P.O. Box 37, Vanimo—Mgr: R. Saini. Prgrs. in Pidgin.
9) P.O. Box 1262, Lae—Mgr: J. Isako. Prgrs. in Pidgin, Kote, Yabim.
10) P.O. Box 36, Kerema—Mgr: M. Ilave. Prgrs. in Hiri Motu, Kamea, Toaripi, Pidgin.
11) P.O. Box 2138, Madang—Mgr: A. Nase. Prgrs. in Pidgin, Graged.
12) P.O. Box 104, Mendi—Mgr: S. Muraga. Prgrs. in Pidgin + local vernaculars.
13) P.O. Box 1359, Boroko—Mgr: G. Dekwalen, Prgrs. in English, Hiri Motu.
14) P.O. Box 23, Daru—Mgr: M. Auhova. Prgrs. in English, Hiri Motu.
15) P.O. Box 35, Kieta—Mgr: O. Malatana. Prgrs. in Pidgin.
16) P.O. Box 65, Wewak—Mgr: J. Isinii. Prgrs. in Pidgin.
17) P.O. Box 111, Alotau—Mgr: D. Samano. Prgrs. in English, Hiri Motu.
18) P.O. Box 393, Rabaul—Mgr: A. Kaut. Prgrs. in Pidgin, Konua.
19) P.O. Box 359, Lorengau—Mgr: L. Umbo. Prgrs. in Pidgin.
20) P.O. Box 196, Wabag—Mgr: J. Eggins. Prgrs. in Pidgin, English, Midwahgi, Medipa, Enga.
**V:** Most st's verify direct. Re. to 3), 10), 13), 14), 18) via National Sce. Addr. in Boroko.

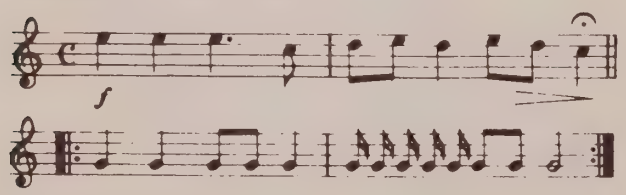
## POLYNESIA (French)

**L.T:** UTC-10h — **Pr.L:** French, Tahitian — **E.C:** a/c 60, 220V (yes).

## Tahiti

### SOCIETE NATIONALE DE RADIO TELEVISION FRANÇAISE D'OUTRE MER (RFO)

**ADDR:** B.P. 125, Papeete. **Te:** 20551. **Cable:** 291FP FROMRTT. **Telex:** 070200.
**L.P:** Regional Dir: A. Lhomme. Dir. of Inf: J.P. Jondot. Dir. Tec: M. Ollivier.
**STATIONS:** Mahina (G.C: 149.00W/17.00S) : 738kHz 20kW — 6135/9750kHz 4kW — 11825/15170kHz 20kW.
**FM:** Mont Marau 91.8MHz 0.3kW + Papeete 90.5/Pic Rouge 89.0/Uturoa 94.0/Taravao 99.0MHz (all 0.5kW).
**D.PRGR:** 1600-0730 (Sat 0900) — **French:** 1600-2045, 2200-0300, 0600-0620 — **Tahitian:** 2045-2200, 0300-0600 — **French/Tahitian:** 0600-0730 (Sat 0900). **N. in French:** 1600, 1630, 1730, 2000, 2200, 0600. **N. in Tahitian:** 1615, 1700, 2145, 0430.
**ANN:** F: "Içi Tahiti, Société Nationale de Radio-Télévision Française d'Outre Mer". Tahitian: "O Tahiti teie te RFO" — **INT-SIG:** Tahitian flute (vivo and drums).



**V.** by QSL-card.

## SAMOA (American)

**L.T:** UTC-11h — **Pr.L:** Samoan, English — **E.C:** a/c 50, 230V.

### RADIO SAMOA LTD (Comm.)

**ADDR:** P.O. Box 2567, Pago Pago 96799. **Te:** 688-7511.
**L.P:** St. Mgr. & Sales Mgr: Rick Petri. Dir. Tec: Bill Faulkerson.
**STATION:** Leone WVUV 648kHz 10kW.
**D.PRGR. in English and Samoan:** 24h (with news, music, public affairs (50% English, 50% Samoan). **N:** On the h. (relay Mutual Network, USA) and half h.
**ANN:** "You're listening to "the Great 648" in American Samoa, with news, music & information 24h a day" — **V.** (B).
**F.PL:** FM application approved by FCC for 101.1MHz.

### THE PACIFIC BEACON (Rlg/Comm.)

**ADDR:** c/o Quality Media Corp, P.O. Box 7008, Columbus, GA 31908, USA.
**L.P:** Gen. Mgr: W. Kitchen.
**STATION:** Pago Pago KBQN 585kHz 50kWnd.
**D.PRGR:** 1600-1100.

## SAMOA (Western)

**L.T:** UTC - 11h — **Pr.L:** Samoan, English
**E.C:** a/c 50, 230/410V (no).

### WESTERN SAMOA BROADC. DEPT. (2AP) (Gov. Comm.)

**ADDR:** P.O. Box 200, Apia. **Te:** 21420. **Cable:** Voxpac.
**Telex:** SX40 Voxpac.
**L.P:** Dir. Gen: J.K. Brown. Prgr. Dir: P. Mamaia. Head of Tec. Sces: F. Aloalii. Head of Adv: J. Solofa. Head of N. & Current Affairs: A. Ilaoa.

| Stations | kHz | kW | Ch | | kHz | kW | Ch |
|---|---|---|---|---|---|---|---|
| Nuutoi | 540 | 1 | 1 | Taga | 1359 | 1 | 1 |
| Afiamalu | 1062 | 3 | 2 | Afiamalu | *1404 | 10 | 1 |
| Auala | 1251 | 1 | 1 | | | | |

**D.PRGR: Ch. 1** in Samoan/English: W 1700-1200; Sun 2000-0200, 0500-1030. **Ch. 2** in English; W 0400-0900.
**N. in English:** 1730, 1800, 1830, 2000, 2130, 2330, 0230, 0400, 0530, 0600, 0630, 0915. Some N. relayed from R. Australia/R. New Zealand.
**N. in Samoan:** 1745, 1845, 2200, 2345, 0100, 0245, 0600, 0900.
**Note:** Although times are UTC, calendar days apply to Western Samoa.
**ANN:** E: "This is the 1st/2nd Channel of 2AP".
**INT-SIG:** Gong — **AD:** Accepts comm. adv. throughout the day on weekdays — **V.** by QSL-card and letter (B).
**F.PL:** 3x1kW relay st's for Ch 2. at Nuutoi Point, Taga & Auala. New tr. site to replace Afiamalu. *) Move to 747kHz.

## SOLOMON ISLANDS

**L.T:** UTC + 11h — **Pr.L:** Pidgin, English — **E.C:** a/c 50, 240V.

### SOLOMON ISLANDS BROADCASTING CORPORATION (Statutory Authority)

**ADDR:** P.O. Box 654, Honiara. **Te:** 20051. **Cable:** Broadcast Honiara. **Telex:** SOLAGY 66350.
**L.P:** Chmn. of the Board: W. Bennett, MBE, MM. Gen. Mgr: A.B. Wickham. Dep. Gen. Mgr: J.P. Mae. Chief Eng: G.J. Richardson.
**MEDIUMWAVES:** Honiara 1035kHz 10kW(d) — Gizo 945kHz 10kW — Lata 1386kHz 5kW.
**SHORTWAVES:** Honiara (G.C: 160.03E/09.25S): 5020/9545kHz 10kW.
**D.PRGR:** 1900-1300 on 945/1035/1386/5020kHz; 2030-0730 on 9545kHz. **Local Prgrs:** 1900-2200 & 0505-0800 on 945kHz; 0505-0800 on 1386kHz. **N. in English:** 2000, 0130(W), 0500(W), 0730, 1100. **Local N. in Pidgin:** 1930, 0800.
**ANN:** "This is the SIBC, Radio Happy Isles". Gizo: "Radio Happy Lagoon". Lata: "This is R. Temotu".
**INT-SIG:** Drum and Bamboo Pipes — **V.** by QSL-card. Rp. Re. must contain details to establish authenticity (A).
**F.PL:** Two further regional st's at Kira and Auki.

## TONGA (Kingdom of)

**L.T:** UTC + 13h — **Pr.L:** Tongan, English — **E.C:** a/c 50, 240V.

### TONGA BROADCASTING COMMISSION (Independent Statutory Board)

**ADDR:** P.O. Box 36, Nuku'alofa. **Te:** 21-555. **Cable:** Broadcom.
**L.P:** Mgr: S.T. Fusimalohi. Prgr. Supervisor: S. Fonua.
**STATION:** A3Z 1017kHz 10kW (G.C: 175.10W/21.08S)

**D.PRGR:** 1800-2100, 2300-0100, 0530-1000.
**N. in Tongan:** 1845. **N. in English:** 1800(BBC), 1900(ABC), 0015(VOA), Sun 0700(ABC).
**ANN:** E: "This is the Call of the Friendly Islands A3Z Nuku'-alofa of the Tonga Broadc. Commission". Tongan: "Ko e Ui éni'a e'Otu Felenite, mei he A3Z Nuku'alofa'a e Komisoni Fakamafola Lea Tonga" — **INT-SIG:** Tongan Nose Flute — **FI:** Revenue from adv.
**F.PL:** FM Sce.

## TUVALU

**L.T:** UTC+12h — **Pr.L:** English, Tuvalu — **E.C:** a/c 50, 240v

### RADIO TUVALU (Gov.)

**ADDR:** Broadcasting Information Office, Vaiaku, Funafuti, Tuvalu (Ce. Pacific). **Cable:** Broadcast. **Telex:** 4800 TUV.
**L.P:** Broadc. & Inf. Officer: H. Panapa. Technician: P. George.
**STATION:** Funafuti 621kHz 5kW.
**D.PRGRS in Tuvalu, English:** 1825-1945, 2325-0100, 0555-0900 (W). **N:** (rel. R. Australia): 1900, 0700.
**ANN:** E: "This is R. Tuvalu" — **V.** (B).

## VANUATU

**L.T:** UTC + 11h — **Pr.L:** English, French, Pidgin (Bislama).

### RADIO VANUATU

**ADDR:** P.O. Box 49, Port Vila.
**L.P:** Dir: G.B. Ligo.
**STATIONS:** Malapoa (G.C: 168.33E/17.44S): YJB2 1125kHz 10kW — YBJ4 3945kHz 10kW — YBJ7 7260kHz 2.5kW.
**FM:** 98MHz 15W.
**D.PRGRS** in English, French & 60% in Bislama (Pidgin): W 1900-0200 & 0500-1100, Sun 0500-1000. **N. in English:** Mon-Fri 0115, 0900. **French:** Mon-Fri 0120, 1000. **Bislama:** 0100W, 0800.
**V.** by QSL-card. Rp. (B).

## WAKE ISLAND (U.S. Terr.)

**L.T:** UTC + 12h — **Pr.L:** English.

### AFRTS (U.S. Air Force)

**ADDR:** APO, San Francisco, CA 96501, USA.
**STATION** (G.C: 166.38E/19.16N): KEAD 1485kHz 0.5kW.
**D.PRGR:** 2300-1100.

## WALLIS & FUTUNA (French)

**L.T:** UTC + 11h — **Pr.L:** French, Wallisian — **E.C:** a/c 50.

### RADIODIFFUSION FRANÇAISE D'OUTRE-MER (RFO)

**ADDR:** B.P. 102, Matu Utu, Iles de Wallis et Futuna (par Noumea).
**Te:** 19681.
**L.P:** St. Mgr: R. Cipolin. Head of Inf: G. Cesar. Dir. Tec: M. Chow Tun.
**STATIONS:** Mata Utu (Wallis) 1188kHz 1kW — Alo (Futuna) 1090kHz 1kW.
**D.PRGR:** 0100 (Sun 2100)-1000.
**N. in French:** 0130, 0800. **N. in Wallisian:** 0200, 0830.
**N. in Futunian:** Wed 0730.
**ANN:** "Bonjour, vous êtes sur RFO Wallis et Futuna" — **INT-SIG:** Guitar, French national anthem (la Marseillaise) — **V.** by letter.

**The Pacific section has been compiled from official information supplemented by up-to-date reports and news from our collaborators in Australia, New Zealand and other Pacific countries, and from material in DX club bulletins of the region.**

# NORTH AMERICA

## ALASKA (U.S. State)

**L.T:** UTC-9h (Western most Aleutian Is. -10h) (cf. World Time Table)—**Pr.L:** English — **E.C:** a/c 60, 120/240V.

### ALASKA BROADCASTERS ASSOCIATION

**ADDR:** 3910 Seward Hwy, Anchorage 99503.
**L.P:** Pres: D. Lobdell.
**STATIONS:** All commercial exc: 3), 10), 13), 16), 23), 35).

| | Call | kHz | kW | h. of tr. |
|---|---|---|---|---|
| 1) | KENI | 550 | 5 | 24h |
| 2) | KVOK | 560 | 1 | 1400 (Sun 1600)-0900 |
| 3) | KYUK | 580 | 5 | 1500 (Sat/Sun 1530)-0930 (Sat 1030) |
| 4) | KRSA | 580 | 5 | 1430 (Sun 1600)-0810 |
| 5) | KHAR | 590 | 5 | 24h |
| 6) | KGTL | 620 | 5 | W 1455-0800, Sun 1555-0605 |
| 7) | KJNO | 630 | 1/0.5 | 1430-1000 (Sat/Sun 1200) |
| 8) | KYAK | 650 | 50 | 24h |
| 9) | KFAR | 660 | 10 | 24h |
| 10) | KDLG | 670 | 5 | 1500-0900 (June-Aug: 24h) |
| 11) | KBRW | 680 | 10 | 1500-0900 (May-Sept: 24h) |
| 12) | KBYR | 700 | 1 | 24h |
| 13) | KOTZ | 720 | 5 | 1500-0900 |
| 14) | KFQD | 750 | 50 | 24h |
| 15) | KGGN | 770 | 1/0.5 | |
| 16) | KNOM | 780 | 10 | 1425-0910 (F.PI: 1200kHz) |
| 17) | KCAM | 790 | 5 | 1500 (Sun 1600)-0915 |
| 18) | KINY | 800 | 5 | 1430-0900 |
| 19) | KCBF | 820 | 50 | 24h |
| 20) | KABN | 830 | 10 | 1400-0900 |
| 21) | KSDP | 840 | 5/2.5 | |
| 22) | KICY | 850 | 10 | 1457-0855 (Summer: 24h) |
| 23) | KSKO | 870 | 5 | 1457-0915 |
| 24) | KSRM | 920 | 5 | 1430-0730 |
| 25) | KTKN | 930 | 5/1 | W 1430-0900, Sun 1600-1000 |
| 26) | KRXA | 950 | 1 | 1600-0600 |
| 27) | KIAK | 970 | 5 | 24h |
| 28) | KKEN | 980 | 1 | |
| 29) | KTNX | 1080 | 10 | 24h |
| 30) | KCSY | 1140 | 10 | |
| 31) | KJNP | 1170 | 50 | 1500 (Sat 1600, Sun 1700)-1100 (Sat/Sun 0900) |
| 32) | KVAK | 1220 | 1/0.25 | |
| 33) | KIFW | 1230 | 0.25 | 1500-0900 |
| 34) | KJUK | 1230 | 0.25 | |
| 35) | KBBI | 1250 | 5 | 1500-0900 |
| 36) | KBEI | 1260 | 0.5 | |
| 37) | KIAM | 1270 | 5 | |
| 38) | KETH | 1290 | 5 | |
| 39) | KGHX | 1300 | 1 | |
| 40) | KVLD | 1400 | 1/0.25 | |
| 41) | KLAM | 1450 | 0.25 | 1500-0700 |

| FM: | MHz | kW | Call | Location |
|---|---|---|---|---|
| 12) | 105.5 | 3 | KNIK | Anchorage |
| 5) | 103.9 | 2.8 | KKLV | Anchorage |
| — | 100.5 | 25 | KHVN | Anchorage |
| — | 102.1 | 25 | KRKN | Anchorage |
| — | 103.1 | 3 | KSKA | Anchorage |
| 8) | 101.3 | 26 | KGOT | Anchorage |
| — | 101.1 | 25 | KAVY | Fairbanks |
| — | 104.7 | 10.5 | KUAC-FM | Fairbanks |
| — | 102.3 | 3 | KHNS | Haines |
| 6) | 103.5 | 100 | KGTL-FM | Homer |
| — | 104.3 | 1.4 | KTOO | Juneau |
| — | 100.1 | 3 | KQOK | Kenai |
| — | 105.9 | 7 | KRBD | Ketchikan |
| — | 100.1 | 3 | KMXT | Kodiak |
| 22) | 100.3 | 84 | KICY-FM | Nome |
| — | 100.3 | 25 | KJNP-FM | Fairbanks |
| — | 104.7 | 11.2 | KCAW | Sitka |
| — | 101.7 | 3 | KSTK | Wrangell |
| — | 103.9 | 10 | KJFP | Yakutat |

**Addresses and other information:**
Calendar days refer to local time.
Abbreviations: See under USA comm. st's.

CANADA
GREENLAND
1:35 Mill.
0
500
1000
1500 KM
UTC −11
UTC −10
−9
−8
−7
−6
−5
UTC −4
ARCTIC OCEAN
BEAUFORT SEA
BAFFIN BAY
Alaska
(U S A.)
ARCTIC CIRCLE
NOME
BARROW
THULE
UPERNAVIK
QEQERTARSUQ
SISIMIUT
SIMIUTAK
SØNDRE STRØMFJORD
GREENLAND
STRAIT OF DENMARK
NUUK
SIMITAQ
C. FAREWELL
PAAMIUT
DAVIS STRAIT
FAIRBANKS
NORTH POLE
TUKTOYAKTUK
District of Franklin
ANCHORAGE
ANCHOR POINT
KODIAK
Kodiak I
CORDOVA
DAWSON
FORT GOOD HOPE
CAMBRIDGE BAY
COPPERMINE
Great Bear Lake
REPULSE BAY
WAGER BAY
FROBISHER BAY
Yukon
Territory
WHITEHORSE
GULF OF ALASKA
District of
Mackenzie
YELLOW-KNIFE
Great Slave Lake
District of
Keewatin
BAKER LAKE
CHESTERFIELD
HUDSON STRAIT
NORTH ATLANTIC
OCEAN
SUGLUK WEST
KINGWA
OKKAK
HOPEDALE
JUNEAU
SITKA
LIARD
FORT NELSON
HAY RIVER
FORT RESOLUTION
FORT SMITH
British Columbia
Alberta
NONALA
HUDSON BAY
Newfoundland
− 3.30
KETCHIKAN
NORTH
PACIFIC
OCEAN
Queen
Charlotte
Islands
PRINCE RUPERT
FORT ST. JOHN
DAWSON CREEK
SMITHERS
GRAND PRAIRIE
PRINCE GEORGE
JASPER
CHURCHILL
Belcher Isl
SCHEFFERVILLE
HAPPY VALLEY
ST ANTHONY
BAIE VERTE
GANDER
ST JOHN'S
GRAND FALLS
CORNER
BROOK
MARYSTONN
PORT
AUX BASQUES
ST PIERRE
Manitoba
THOMPSON
Quebec
EDMONTON
Saskatchewan
FLIN FLON
WETASKIWIN
CAMROSE
PRINCE ALBERT
THE PAS
L Winnipeg
RED DEER
KAMLOOPS
REVEL-STONE
SASKATOON
Vancouver Island
VICTORIA
VANCOUVER
CALGARY
WATROUS
Ontario
MATANE
RIMOUSKI
Prince
Edward
Island
SYDNEY
CHIBOUGAMAU
New
Brunswick
MONCTON
SACKVILLE
KELOWNA
MEDICINE HAT
MOOSE JAW
VAL D'OR
CHICOUTIMI
WOODSTOCK
HALIFAX
QUEBEC
PENTICTON
CRANBROOK
LETHBRIDGE
REGINA
TIMMINS
ROUYN
TROIS RIVIERES
SAINT JOHN
Nova Scotia
BRANDON
WINNIPEG
THUNDER BAY
ALTONA
THETFORD MINES
Lake Superior
SUDBURY
NORTH
BAY
MONTREAL
HULL
SHERBROOKE
OTTAWA
CORNWALL
SAULT STE. MARIE
KINGSTON
L Huron
PETER-BOROUGH
TORONTO
L Ontario
GUELPH
HAMILTON
Lake Michigan
LONDON
L Erie
UNITED STATES
165°
150°
135°
120°
105°
90°
75°
60°
45°

1) Box 1160, Anchorage 99510 — G.M: A.O. Bramsted. P.D: R. Robbins. C.E: M. Sather. Top 40.
2) Box 708, Kodiak 99615 — Mgr: Ron Holloway; P.D: J. Clayton. Variety. **N**-1 (National), **N**-2 (local).
3) Box 468, Bethel 99559 — P.D: C. Curtis. C.E: R. Brown. **N:** 1700, 2200, 0330 in E; Mon-Fri 2230, 0330 in Yupik Eskimo. MoR.
4) Box 650, St. Petersburg 99833 — S.M: J. Andrews. C.E: Tim Wright. (**N**-1).
5) 3900 Seward Hwy, Anchorage 99503 — G.M: Ron Clement. P.D: Bob Stevens. C.E: M. Holmes. Beautiful music (**N**-1).
6) Box 103, Homer 99603 — Mgr. & C.E: D.F. Becker. P.D: Tim White. Beautiful music. (**N**-1).
7) Box 929, Juneau 99802 — G.M: D. Egan. C.E: Don Erisman. RR.
8) 2800 East Dowling Rd, Anchorage 99507 — Mgr: R. Bingham. C.E: C.D. Plunkett. Modern country (**N**-1).
9) Box 910, Fairbanks 99701 — S.M: D.G. Andon. P.D: C. Sandburg. C.E: Don Garrett. Cont.
10) Box 670, Dillingham 99576 — Mgr: Les Robinson. P.D: S. Diseth. C.E: Art Fay. Cont. Pop (**N**-1).
11) Box 109, Barrow 99723 — Mgr: D. Harding. P.D: Darlene Bodfish. C.E: Tom Saxton. Varied (**N**-1).
12) Box 10-2200, Anchorage 99510 — Mgr: Wm. Walker. P.D: L. Snow. C.E: D. Engh. MoR, News, Sports. (**N**-1) **F.Pl:** 50kW.
13) Box 78, Kotzebue 99752 — Mgr: B. Reeve. P.D: N. Ward. Top 40, C&W (**N**-1).
14) 9200 Lake Otis Parkway, Anchorage 99507 — G.M: Roy Robinson. P.D: Jim Scott. C.E: G. Allred. Adult Cont. (**N**-1).
15) Valdez 99686.
16) Box 988, Nome 99762 — G.M: T.A. Busch. C.E: N. Berger. Cont. pop. (**N.** at :57).
17) Box 249, Glennallen 99588 — G.M: C. Callis. C.E: D. Zachary. Easy listening, rlg. (**N**-1).
18) 1107 8th Str, Suite 2, Juneau 99801 — S.M: Ken Wiley. P.D: K. Peres. C.E: C. Gray. MoR.
19) Box 950, Fairbanks 99707 — G.M: H.H. Hove. P.D: Kit Clewort. C.E: Les Secrest. News, Sports, Cont. pop (**N**-3).
20) Cabin Drawer D, Big Lake 99687 — G.M: T.N. Locke. P.D: Sue Rappleye. C.E: E. Craig. Varied music.
21) Sand Point. Partly relays 10).
22) Box 820, Nome 99762 — G.M: R.V. Fondell. P.D: S.R. Summers. C.E: T. Reynolds. C&W, Gospel (**N**-3). Russian 1007-1057.
23) Box 70, McGrath 99627 — Mgr: C.C. Hinde. C.E: Ed Gatzke. RR, Top 40, C&W.
24) Box 852, Soldotna 99669 — G.M: J.C. Davis. P.D: B. Kier. C.E: K. Wilder. Sports, MoR, C&W (**N**-1).
25) Box 8500, Ketchikan 99901 — G.M: N. Grey. P.D: M. West. C.E: W. Christiansen. Sports, Cont. Pop (**N**-1).
26) Box 276, Seward 99664 — G.M: W.E. Fletcher. P.D: R. Tillotson. C.E: B. Whitmore. Variety (**N.** at :30, :55).
27) Box 73410, Fairbanks 99707 — S.M: P. van Nort. P.D: S. Clevenger. C.E: M. Doney. Modern country music (**N**-1).
28) Kenai (under construction).
29) 1549 Ea. Tudor, Anchorage 99507 — G.M: Dan Volts. Modern country (**N**-3).
30) Soldotna 99669 (under construction).
31) Box "O", North Pole 99705 — Mgr: R. Skold. P.D: B. Olson. C.E: E. Nichols. Rlg (**N**-1). Prgr's also in Russian (Mon-Fri 0905-1120).
32) Valdez 99686.
33) Box 299, Sitka 99835 — Mgr: S.L. Rhyner. P.D: J.C. Morgan. C.E: Ev. Faite. Cont, Talk.
34) Bethel 99559 (under construction).
35) Box 1085, Homer 99603 — Mgr: G. Thomas. P.D: Carol Cowan. C.E: D. Molvik. Multi-format community R.
36) Dutch Harbour (under construction).
37) Nenana 99760 (under construction).
38) Ketchikan 99901.
39) 1028 Aurora Drive, Fairbanks 99701 — C.E: Ron Cassidy. Adult cont.
40) Valdez 99686.
41) Box 60, Cordova 99574 — G.M: C. Shelton. C.E: W.D. Bechtel. Cont, C&W (**N**-1).

### ALASKAN FORCES RADIO NETWORK (AFRN)

**HQ Addr:** Dept. of the Air Force, AFSINC — Air Force Broadc. Squadron, Elmendorf AFB, Alaska 99506.

| Mediumwaves | kHz | kW | Mediumwaves | kHz | kW |
|---|---|---|---|---|---|
| Anchorage + | 890 | 1 | Tok Junction | 1400 | 0.05 |
| Adak* | 890 | 0.25 | Tatalina | 1450 | 0.05 |
| Kodiak | 960 | 25W | Cape Newenham | 1450 | 0.05 |
| King Salmon | 970 | 0.25 | Cold Bay | 1450 | 0.05 |
| Cape Romanzof | 1240 | 0.05 | Eielson* | 1490 | 0.05 |
| Indian Mt (top) | 1240 | 10W | Galena/Campion | 1490 | 0.25 |
| Fort Yukon | 1340 | 0.05 | Tin City | 1490 | 0.05 |
| Kotzebue | 1340 | 0.05 | Indian Mt (bottom) | 1490 | 0.05 |
| Fort Greely* | 1360 | 0.25 | Clear | 1490 | 0.05 |
| Cape Lisburne | 1400 | 0.05 | Sparrevohn | 1550 | 0.05 |

**FM:** Shemya AFB 90.5MHz 0.05kW.
*) Studio location, +) emergency facility only.
**Addr:** of AFRN st's with own studios: Adak: Navy Broadc. Sce. Det. 21, Box 14, FPO Seattle, WA 98791, USA; Fort Greely: AFRS, Ft. Greely, APO Seattle, WA 98733, USA; Eielson: AFABS/OLGE, Eielson AFB, Alaska 99702.
**NB:** Clear, Tok Junction & Ft. Greely rel. Eielson at times (AFRN Northern Network). Others rel. network prgrs. from Elmendorf.
**FM** (stereo): Ft. Greely 90.5MHz 0.15kW, Adak 101.1MHz 0.25kW, Shemya 101.1MHz 1kW. These st's carry own prgrs at all times.

### KNLS — The New Life St. (Rlg)

Owned & operated by World Christian Broadc. Corp.
**ADDR:** Box 473, Anchor Point, Alaska 99556: Corporate Office: Box 3857, Abilene, TX 79604; Prgrs: 837 Chestnut Blvd, Cuyahoga Falls, OH 44221.
**L.P:** Pres: Robert E. Scott, EdD. Gen. Mgr: & Dir. Eng: Francis M. Perry. Prgr. Dir: John E. Fisk.
**STATION:** Anchor Point (G.C: 151.44W/59.45N): 1 × 100kW tr.

| kHz | kHz | kHz | kHz | kHz | kHz | kHz |
|---|---|---|---|---|---|---|
| 6100 | 6170 | 7355 | 9540 | 11850 | 11940 | 11945 |

**Areas:** I = Europe, II = Asia, III = China, IV = USSR (We.), V = USSR (Ce.).

**Schedule: Nov. 4th, 1984 — May 4th, 1985**

| Chinese | Area | kHz (Beam) | English | Area | kHz (Beam) |
|---|---|---|---|---|---|
| 1200-1500 | III | 6170 (285) | 1730-2000 | I | 7355 (0) |
| **English** | | | **Russian** | | |
| 0700-0930 | II | 6170* (270) | 0930-1200 | V | 6170 (330) |
| *) 9540kHz from March 3rd | | | 1500-1730 | IV | 7355 (0) |

**INT-SIG:** "Chariots of Fire" (Instrumental).
**V.** by letter. Rp. Reports and monitors wanted.

## BERMUDA

**L.T:** UTC - 4h (Su: UTC - 3h) — **Pr.L:** English — **E.C:** a/c 60, 115/230V (yes).

### DEPARTMENT OF TELECOMMUNICATIONS

**ADDR:** Court Str. and Front Str, Hamilton. **Te:** 809-295-5151.
**L.P:** Telecommunications Officer: E. Pitman.

### BERMUDA GOVERNMENT EMERGENCY BROADCASTING FACILITY

**L.P:** Public Rel. Officer: Lee Mills.
**STATION:** 1610kHz 0.05kW (operates during any civil, electrical or meteorological emergency).

### ZBM-ZFB RADIO & TELEVISION

**ADDR:** Box 452, Hamilton 5. **Te:** 809-295-2828. **Telex:** 3702 ZBM-BA.
**L.P:** Gen. Mgr: M.W. Tindall. Ag. Chief Eng: E. Chapman. Prgr. Mgr: B. Lodge.
**STATIONS** (1kW): ZBM-1 1230kHz — ZBM-2 1340kHz — ZBF 960kHz — **FM:** ZBM-FM 89.1MHz 15kW (stereo) — ZFB-FM 94.9MHz 1kW.
**D.PRGR: ZBM1:** 0945-0305. **N, Wrp:** W 1045, 1145, 1300, 1500, 1645, 1800, 2000, 2100, 2200, 2245, 0200, 0300; Sun 1445, 1645, 2300.
**Portuguese:** W 0930-1030, Mon 2330-0100, Fri 2300-0100.
**ZBM2:** 1000-0300, (Sun 1100-0200). **N, Wrp:** W 1025, 1055, 1125, hourly 1200-0300, also 1608; Sun 1100, 1200, 1300, 1400, 1455, 1615, hourly 1700-0200.
**ZFB:** 1000 (Sun 1100)-0400. **N:** W 1055, 1130 and every h to 2230, 0230; Sun 1330, 1630, 2230, 0230.

**ZBM-FM:** 24h music prgr. **N:** 1100, 1200, 1600, 2200.
**ZFB-FM:** 24h music prgr. **N, Wrp:** 1200, 1700, 2400.
**V.** by QSL-card or letter. Rp. (B). Rec. acc.

### DEFONTES BROADCASTING CO. LTD. (Comm.)

**ADDR:** P.O. Box 1450, Hamilton 5. **Te:** 809-295-1450.
**L.P:** Pres: Kenneth de Fontes. St. Mgr. & N. Dir: Chris Lodge. Dir. Tec: Ed. Tucker.
**STATIONS:** 1280/1450kHz 1kW — **FM:** 106.2MHz 2.5kW.
**D.PRGR: VSB** on 1450kHz: 24h (country music). **N, Wrp:** 1000, 1045, 1115, 1145, 1215, 1245, 1415, 1615, 1645, 1715, 1915, 2115, 2215, 0015.
**VSB Radio 12** on 1280kHz: 24h (adult contemporary music).
**VSB V-106 FM** on 106.2MHz: 24h (adult contemporary, oldies).
**V.** by QSL-card or letter.

## CANADA

**L.T:** See Time Table — **Pr.L:** English, French.
**E.C:** a/c 60, 115/230V (generally) (yes).
**Abbreviations:** Nfld = Newfoundland, NS = Nova Scotia, PEI = Prince Edward Isl, NB = New Brunswick, Que = Quebec, Ont = Ontario, Man = Manitoba, Sask = Saskatchewan, Alta = Alberta, BC = British Columbia, NWT = North West Territories, Lab = Labrador, YT = Yukon Territory.

### CANADIAN BROADCASTING CORPORATION SOCIETE RADIO-CANADA (Publicly owned)

**ADDR:** Head Office: P.O. Box 8478, Ottawa, Ontario K1G 3J5.
**Cable:** Broadcasts. **Telex:** 053-4260. **Te:** (613) 731-3111.
**L.P:** Pres: P. Juneau. Exec. Vice-Pres: W.T. Armstrong. Senior Vice-Pres: F. Delaney. General Counsel: J. Alleyn. Q.C/C.R. Vice-Pres. Corporate Affairs: G. Bruce. Vice-Pres. Human Resources & Administration: Guy Coderre. Vice-Pres. Finance: R.J. Fournier. Vice-Pres. Communications: Thérèse Sévigny. Vice-Pres. Planning & Evaluation: J. Shrewbridge. Vice-Pres. Reg. Broadc: D. Ward. Dir. Int. Rel: Spencer Moore. Dir. of Corporate Communications: P. Pâquet. Mgr. Public Rel: R. Chambers.
**English Networks:** P.O. Box 500, Station "A", Toronto, Ontario M5W 1E6. **Cable:** Broadcast. **Telex:** 062-17796. **Te:** (416) 925-3311.
**L.P:** Vice-Pres (Radio): Margaret Lyons. Vice-Pres (TV): D. Harvey. Dir. of Radio. Prgr. Operations: M. McEwen. Superv. Int. Rel. & Prgr. Exchange-Radio: W. Willoughby. Dir. Eng: D. Currie.
**French Networks:** P.O. Box 6000, Montreal, PQ H3C 3A8.
**Cable:** Radcan. **Telex:** 05-267417. **Te:** (514) 285-3211.
**L.P:** Vice-Pres (Radio): Jean Blais. Vice-Pres (TV): Pierre DesRoches. Dir. Inf: P. O'Neil. Dir. of French Prgr: P.M. Lapointe. Dir. Eng: P.A. Ouimet. Mgr. Int. Rel (radio): C. Mercier.
**Engineering Headquarters:** 7925 Cote St. Luc Rd. Montreal H4W 1R5. **Cable:** Radcan. **Telex:** 055-66437. **Te:** (514) 488-2551.
**L.P:** Vice-Pres. Eng: G. Gougeon.
**Radio Canada International,** P.O. Box 6000, Montreal, Que. H3C 3A8. **Cable:** INTRAD. **Telex:** 055-61247. **Te:** (514) 285-2454.
**L.P:** Dir: Betty Zimmerman.
**English Network** (CBC): ° = also on Shortwave.

| Call | kHz | kW | Call | kHz | kW |
|---|---|---|---|---|---|
| 1) CBT | 540 | 10 | 14) CBZ | 970 | 10 |
| 2) CBK | 540 | 50 | 15) CBY | 990 | 10 |
| 3) CFWH | 570 | 1 | 16) CBW | 990 | 50 |
| 15) CBNA | 600 | 10 | 17) CBR | 1010 | 50 |
| 4) CBN | °640 | 10 | 18) CBA | 1070 | 50 |
| 5) CBU | °690 | 50 | 14a) CBD | 1110 | 10 |
| 6) CBL | 740 | 50 | 19) CBI | 1140 | 10 |
| 7) CBX | 740 | 50 | 20) CBQR | 1160 | 0.04 |
| 4) CBNM | 740 | 10 | 21) CFFB | 1210 | 0.25 |
| 24) CBGY | 750 | 10 | 21a) CHFC | 1230 | 0.25 |
| 8) CBQ | 800 | 10/5 | 22) CFGB | 1340 | 1 |
| 9) CBH | 860 | 10 | 23) CFYK | 1340 | 1 |
| 10) CFPR | 860 | 10 | 24) CBG | 1450 | 1/0.5 |
| 11) CHAK | 860 | 1 | 24a) CBDQ | 1490 | 1/0.25 |
| 12) CBO | 920 | 50 | 25) CBE | 1550 | 10 |
| 13) CBM | 940 | 50 | | | |

+ 401 low power relay tr's not mentioned + 49 priv. owned affiliated & rebroadc. st's
**Shortwaves:**
4) CKZN 6160kHz 0.3kW: 0930-0500 (rel. CBN)
5) CKZU 6160kHz 0.5kW: 1400 (Sun 1500)-0905 (rel. CBU).

**FM:** CBCT-FM (Charlottetown) 96.9MHz 93.5kW, CBVE-FM (Quebec) 104.7MHz 100kW, CBCS-FM (Sudbury) 99.9MHz 50kW, CBWK-FM (Thompson) 100.9MHz 0.094kW, CBKA-FM (La Ronge) 105.9MHz 0.08kW.
**FM** (stereo): CBM-FM (Montreal) 93.5MHz 24.6kW, CBO-FM (Ottawa) 103.3MHz 84kW, CBL-FM (Toronto) 94.1MHz 38kW, CBW-FM (Winnipeg) 98.3MHz 354kW, CBU-FM (Vancouver) 105.7MHz 50kW, CBN-FM (St. Johns) 106.9MHz 100kW, CBH-FM (Halifax) 102.7MHz 100kW, CBR-FM (Calgary) 102.1MHz 100kW, CBZ-FM (Fredericton/Saint John, N.B.) 101.5MHz 100kW, CBKS-FM (Saskatoon) 105.5 MHz 98kW, CBI-FM (Sydney) 105.1MHz 100kW, CBBL-FM (London) 105.5MHz 22kW, CBBK-FM (Kingston) 92.9MHz 1.8kW, CBE-FM (Windsor) 89.9MHz 100kW, CBX-FM (Edmonton) 90.9MHz 100kW, CBK-FM (Regina) 96.9MHz 100kW, CBA-FM (Moncton) 95.5MHz 20.3kW.
**Affiliate:** CKWM-FM (Kentville, NS) 97.7MHz 18kW (stereo).

**French Network** (SRC):

| Call | kHz | kW | Call | kHz | kW |
|---|---|---|---|---|---|
| 25) CBEF | 540 | 2.5/5 | 16) CKSB | 1050 | 10 |
| 28) CBGA-1 | 540 | 10 | 28) CBSI-4 | 1240 | 1/0.25 |
| 7) CHFA | 680 | 10 | 28) CBGA | 1250 | 10/5 |
| 2) CBKF-7 | 680 | 5 | 12) CBOF | 1250 | 50 |
| 13) CBF | 690 | 50 | 18) CBAF | 1300 | 5 |
| 6) CJBC | 860 | 50 | 28) CBGA-7 | 1340 | 1/0.25 |
| 2) CBKF-2 | 860 | 10 | 26) CBGA-4 | 1450 | 1/0.25 |
| 26) CJBR | 900 | 10 | 29) CBJ | 1580 | 50 |
| 27) CBV | 980 | 50 | | | |

+ 167 low power relay tr's not mentioned + 30 affiliated sts.
**FM:** CBUF-FM (Vancouver) 97.7MHz 46kW, CBKF-FM (Regina) 97.7MHz 13.7kW, CBON-FM (Sudbury) 98.1MHz 50kW.
**FM** (stereo): CBF-FM (Montreal) 100.7MHz 100kW, CBV-FM (Quebec City) 95.3MHz 100kW, CBJ-FM (Chicoutimi) 100.9MHz 98kW, CBOF-FM (Ottawa) 102.5MHz 84kW, CJBR-FM (Rimouski) 101.5MHz 50kW, CBF-FM-1 (Drummondville) 104.3MHz 50kW; CBAF-FM (Moncton) 98.3MHz 77kW.

**Addresses:**
1) P.O. Box 218, Grand Falls, Nfld, A2A 2J7.
2) 2440 Broad Str, Regina, Sask S4P 4A1 (CKBF-7 = Gravelburg, CKBF-2 = Saskatoon).
3) P.O. Box 4430, Whitehorse, YT Y1A 1E5.
4) P.O. Box 12010, St. A, St. John's, Nfld A1B 3T8 (CBNM = Marystown) — **V.** by QSL-folder.
5) P.O. Box 4600, Vancouver, BC V6B 4A2.
6) P.O. Box 500, Station "A", Toronto, Ont M5W 1E6.
7) P.O. Box 555, Edmonton, Alta T5J 2P4.
8) 213 Myles Str. E, Thunder Bay, Ont P7C 1J5.
9) P.O. Box 3000, Halifax, NS B3J 3E9.
10) 346 Stiles Place, Prince Rupert, BC V8J 3S5.
11) Mackenzie Rd, Bag Sce. No. 8, Inuvik, NWT X0E 0T0.
12) P.O. Box 3220, Station "C", Ottawa, Ont K1Y 1E4.
13) P.O. Box 6000, Montreal, Que H3C 3A8.
14) P.O. Box 2200 MPO, Fredericton, NB E3B 5G4.
14a) P.O. Box 2358, Saint John, NB E2L 3V6.
15) P.O. Box 610, Corner Brook, Nfld A2H 6G1. (CBNA = St. Anthony).
16) P.O. Box 160, Winnipeg, Man R3C 2H1.
17) P.O. Box 2640, Calgary, Alta T2P 2M7.
18) P.O. Box 950, Moncton, NB E1C 8N8.
19) P.O. Box 700, Sydney, NS B1P 6H7.
20) Rankin Inlet, NWT, X0C 0G0.
21) P.O. Box 490, Frobisher Bay, NWT, X0A 0H0.
21a) Box 427, Churchill, Man R0R 0E0.
22) P.O. Box 3015, Station "B", Happy Valley / Goose Bay, Labrador, Nfld A0P 1E0.
23) P.O. Box 160, Yellowknife, NWT, X1A 2N2.
24) P.O. Box 369, Gander, Nfld A1V 1W7. (CBGY = Bonavista Bay).
24a) Labrador City, NF.
25) P.O. Box 1609, Windsor, Ont N9A 1K7.
26) 273 St. Jean Baptiste Quest, Rimouski, Que G5L 4J8 (CBGA-4 = Causapscal, Que).
27) P.O. Box 10400, Ste-Foy, Quebec, Que G1V 2X2.
28) P.O. Box 2000, Matane, Que G4W 3P7 (CBGA-2 = New Carlisle, Que; CBGA-7 = Ste. Anne-des-Monts, Que; CBSI-4 = Labrador City, Nfld).
29) P.O. Box 790, Chicoutimi, Que G7H 5E7.

**V.** Reports for st's 1), 15), 24) should be sent to 4).

## RADIO CANADA INTERNATIONAL

**(Canadian Broadcasting Corporation/Société Radio-Canada)**
**(Publicly owned)**

**ADDR:** P.O. Box 6000, Montreal, Canada H3C 3A8.
**Cable:** Intrad. **Te:** (514) 285-2653. **Telex:** 055 61 247.
**L.P:** Dir: Betty Zimmerman. Asst. Dir: John Ramsay. Prgr. Dir: Allan Familiant. Head of Eng: Paul Morneault. Publicity: Jean Erlewyn.
**STATIONS:** All international SW broadcasts from Canada are the responsibility of Radio Canada International (Canadian Broadcasting Corporation). All programmes are sent by microwave from Montreal to Sackville, New Brunswick, on Canada's Atlantic coast, whence they are transmitted by 1 × 50kW and 5 × 250kW trs. (G.C: 64.19W/45.53N). The relay stations are fed by satellite from Montreal.

| kHz | kHz | kHz | kHz | kHz | kHz | kHz |
|---|---|---|---|---|---|---|
| T3925 | 6195 | D9555 | 11720 | 11905 | 11960 | S15315 |
| 5960 | D7155 | D9590 | D11775 | S11915 | 15140 | 15325 |
| D5965 | D7230 | T9595 | D11805 | 11925 | 15150 | 15440 |
| D5995 | D7235 | S9615 | 11825 | D11935 | 15190 | 17820 |
| S6015 | D7260 | 9650 | 11845 | 11940 | D15235 | 17860 |
| T6055 | D7285 | 9755 | 11850 | 11945 | 15260 | 17875 |
| 6065 | S7285 | 9760 | 11855 | 11955 | 15285 | 21695 |
| 6140 | 9535 | 11710 | | | | |

A = tr's of R. Antilles; D = Daventry, England; S = Sines, Portugal; T = R. Tanpa, Tokyo; others Sackville.
**Areas:** I = Eastern Europe; II = Latin America; III = Africa; IV = Middle East; V = Caribbean; VI = Europe; VII = United States and Mexico; VIII = Japan; IX = Northern Quebec. Behind frequencies and between brackets: antenna direction in degrees clockwise from true North.
* = Mon-Fri; W = Mon-Sat; a = Sat only; b = Sun only; c = Sat/Sun.

**Schedule: 6 November 84 — 2 March 85**

| English | Area | kHz/Beam |
|---|---|---|
| 0000-0030* | VII | 11850 (240)/5960 (240) |
| 0000-0100b | VII | 11850 (240)/5960 (240) |
| 0000-0030a | VII | 11850 (240)/5960 (240) |
| 0030-0100* | VII | 11850 (240)/5960 (240) |
| 0100-0130 | VII | 9755 (268)/5960 (240) |
| 0200-0230* | VII | 9755 (268)/5960 (240) |
| 0230-0300* | VII | 9755 (268)/5960 (240) |
| 0300-0330 | VII | 9755 (240)/5960 (240) |
| 0400-0430 | VII | 9755 (240)/5960 (240) |
| 0615-0630* / 0645-0700* | III/IV/VI | D17860 (121)/D15235 (109)/ D11775 (180)/9760 (60)/ D7155 (121)/6140 (60) |
| 1300-1325* | V/VII | 17820 (176)/15440 (176)/11955 (285)/11855 (212)/9650 (240) |
| 1400-1700b | V/VII | 17820 (176)/11955 (285) |
| 1537-1545 | I | 21695W (47)/17820W (47)/15325 (47)/S15315 (55)/D11935 (68)/ S11915 (55)/D9555 (79) |
| 1645-1700 | VI | 21695W (60)/17820W (60)/ 15325 (60) |
| 1800-1830* | III | 17820 (105)/15260 (105) |
| 1800-1900c | III | 17820 (105)/15260 (105) |
| 1900-1930* / 1900-2000c | VI | 17875 (60)/15325 (60)/11905 (60)/ D7235 (160)/D5995(110) |
| 1900-1930* | III | 17820 (105)/15260(105) |
| 2000-2030* | VI | 17875 (60)/15325 (60)/15140 (118)/ 11905 (60)/D5995 (160) |
| 2130-2200 | III | 17820 (105)/15325 (47)/15150 (105)/11945 (105) |
| 2200-2300* | VI | 11925 (60)/9760 (60) |
| 2300-2330 | V | 11710 (212)/9755 (176)/A930 |
| **French** | | |
| 0030-0100a | VII | 11850 (240)/5960 (240) |
| 0130-0200 | VII | 9755 (268)/5960 (240) |
| 0200-0300c | VII | 11845 (240)/9755 (268)/ 9535 (240)/5960 (240) |
| 0330-0400 | VII | 9755 (240)/5960 (240) |
| 0600-0615* / 0630-0645* | III/IV/VI | as English 0615* |
| 1325-1350* | V/VII | as English 1300* |
| 1530-1537 | I | as English 1537 |
| 1630-1645 | VI | as English 1645 |
| 1830-1900* | III | 17820 (105)/15260 (105) |
| 1900-2000c | III | 17820 (105)/15260 (105) |
| **French** | **Area** | **kHz/Beam** |
| 1930-2000* | VI | as English 1900c |
| 1930-2000* | III | as English 1900* |
| 2000-2100c / 2030-2100* | VI | 17875 (60)/15325 (60)/15140 (118)/ 11905 (60)/D5995 (160) |
| 2100-2130 | III | as English 2130 |
| 2230-2300* | VI | D7230 (174)/D5995 (110) |
| 2230-2300 | V | 11710 (212)/9755 (176) A740/A1450 |
| **German** | | |
| 1730-1800 | VI | 21695 (60)/17820 (60)/15325 (60)/ D7235 (110)/D5995 (110) |
| 1830-1900 | VI | Berlin 810/90.2MHz |
| **Portuguese** | | |
| 0000-0030* | II | 11940 (176)/9535 (176) |
| 0000-0100c | II | 11940 (176)/9535 (176) |
| 0100-0130* | II | 11940 (176)/9535 (176) |
| 0200-0230* | II | 11940 (176)/11845 (212)/9535 (176) |
| 2300-2330* | II | 15190 (176)/11940 (176) |
| **Spanish** | | |
| 0030-0100* | II | 11940 (176)/9535 (176) |
| 0100-0200c | II | 11940 (176)/9535 (176) |
| 0130-0200* | II | 11940 (176)/9535 (176) |
| 0230-0300* | II | 11940 (176)/11845 (212)/9535 (176) |
| 2300-2400c | II | 15190 (176)/11940 (176) |
| 2330-2400* | II | 15190 (176)/11940 (176) |
| **Czech/Slovak** | | |
| 1830-1900 | VI | 21695 (60)/17875 (60)/15325 (60)/ D7235 (110)/D5995 (110) |
| **Hungarian** | | |
| 1800-1830 | VI | as Czech/Slovak |
| **Japanese** | | |
| 0830-0845 | VIII | T3925/T6055/T9595 |
| **Polish** | | |
| 1545-1600 | VI | 21695W (47)/17820W (47)/15325 (47)/S15315 (55)/D11935 (68)/ S11915 (55)/D9590 (79) |
| 1600-1630 | VI | 21695W (47)/17820W (47)/ 15325 (47)/D11935 (68)/D9590 (79) |
| **Russian** | | |
| 0315-0345 | I | S9615 (55)/S7285 (55)/D7260 (79)/ S6015 (55)/D5965 (72) |
| 1430-1500 | I | 21695W (47)/17820W (47)/15325 (47)/S15315 (55)/D11935 (68)/ S11915 (55)/D9555 (79) |
| 1645-1700 | I | D11935 (80)/D9650 (79) |
| 1700-1730 | I | 21695 (47)/17820 (47)/15325 (47)/ D7235 (79)/D5995 (79) |
| **Ukrainian** | | |
| 1500-1530 | I | as 1430 Russian |
| 1630-1645 | I | as 1645 Russian |

**CBC Northern Quebec Shortwave Service**
**In English/French/Eskimo/Cree**

| | | |
|---|---|---|
| 0000-0610 | IX | 6195 (348) |
| 1200-1400 | IX | 6065 (348) |
| 1200-2330 | IX | 11720 (348) |
| 2330-2400c | IX | 11720 (348)/6195 (348) |

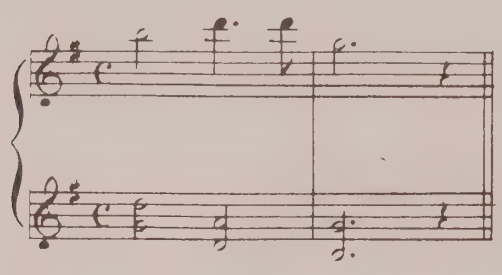
**Schedule: 3 March — 5 May 85**

Only tr's with changes are mentioned. Others remain unchanged.

| English | Area | kHz/Beam |
|---|---|---|
| 0000-0030* | VII | 9755 (240)/5960 (240) |
| 0000-0100b | VII | 9755 (240)/5960 (240) |
| 0000-0030a | VII | 9755 (240)/5960 (240) |
| 0030-0100* | VII | 9755 (240)/5960 (240) |
| 0100-0130 | VII | 9755 (240)/5960 (240) |
| 0200-0230* | VII | 11845 (240)/9755 (240)/5960 (240) |
| 0230-0300* | VII | 11845 (240)/9755 (240)/5960 (240) |
| 0300-0330 | VII | 9755 (240)/5960 (240) |
| 0400-0430 | VII | 9755 (240)/5960 (240) |
| 0615-0630* / 0645-0700* | III/IV/VI | D15235 (109)/11825 (105)/D11805 (109)/D11775 (170)/9760 (60)/ D7155 (121)/6140 (60) |
| 1300-1325* | V/VII | 17820 (176)/15440 (176)/ 11955 (240)/11855 (212)/9650 (240) |
| 1400-1700b | V/VII | 17820 (176)/11955 (240) |
| 1900-1930* / 1900-2000c | VI | 17875 (60)/15325 (60)/11945 (60)/ D7285 (110)/D5995 (192) |
| 2000-2030* | VI | 17875 (60)/17820 (118)/15325 (60)/11945 (60)/D5995 (192) |

| English | Area | kHz/Beam |
|---|---|---|
| 2130-2200 | III | 17875 (60)/17820 (105)/15325 (47)/ 15150 (105)/11945 (105) |
| 2200-2300* | IV | 15325 (60)/11960 (60)/9760 (60) |
| **French** | | |
| 0030-0100a | VII | 9755 (240)/5960 (240) |
| 0130-0200 | VII | 9755 (240)/5960 (240) |
| 0200-0300c | VII | 11940 (285)/11845 (240)/9755 (240)/9535 (268)/5960 (240) |
| 0330-0400 | VII | 9755 (240)/5960 (240) |
| 0600-0615* } 0630-0645* } | III/IV/VI | as English 0615* |
| 1325-1350* | V/VII | as English 1300* |
| 1930-2000* | VI | as English 1900 |
| 2000-2100c 2030-2100* | VI | 17875 (60)/17820 (118)/ 15325 (60)/11945 (60)/D5995 (192) |
| 2100-2130 | III | as English 2130 |
| **Portuguese** | | |
| 0000-0030* | II | 15190 (176)/11940 (176) |
| 0000-0100c | II | 15190 (176)/11940 (176) |
| 0100-0130* | II | 15190 (176)/11940 (176)/9535 (176) |
| 0200-0230* | II | 11940 (176)/9535 (176) |
| 2300-2330* | II | 17820 (176)/15190 (176) |
| **Spanish** | | |
| 0030-0100* | II | 15190 (176)/11940 (176) 9535 (176) |
| 0100-0200c | II | 15190 (176)/11940 (176)/9535 (176) |
| 0130-0200* | II | 15190 (176)/11940 (176)/9535 (176) |
| 0230-0300* | II | 11940 (176)/9535 (176) |
| 2300-2400c | II | 17820 (176)/15190 (176) |
| 2330-2400* | II | 17820 (176)/15190 (176) |
| **Polish** | | |
| 1545-1600 | VI | 21695W (47)/17820W (47)/ 15325 (47)/S15315 (55)/D11935 (68)/S11915 (55)/D9555 (79) |
| 1600-1630 | VI | 21695W (47)/17820W (47)/ 15325 (47)/D11935 (68)/D9555 (79) |
| **Russian** | | |
| 1645-1700 | I | D11935 (80)/D9555 (79) |
| **Ukrainian** | | |
| 1630-1645 | I | as 1645 Russian |

R. Canada News: At the beginning of trs.
**ANN:** E: "This is Radio Canada International". F: "Ici Radio Canada International".
**INT-SIG:**



**V.** QSL-cards are provided to listeners on the RCI mailing list. They are mailed with the summer/autumn programme schedule and may be returned for verification. Other reception reports are not verified at any other time of the year.
Records (spoken-word or music), topical discs or tapes can be provided on request to broadcast organizations.
**PUB:** Radio Canada International programme schedule, published twice a year is sent free upon request.

## BBC SACKVILLE RELAY

A maximum of two tr's are available to the BBC at any one time, with powers of 50 or 250kW, depending on availability.

| kHz | kHz | kHz | kHz | kHz | kHz |
|---|---|---|---|---|---|
| 5965 | 6120 | 9510 | 9590 | 11775 | 15260 |

Full details included in the BBC schedule under United Kingdom.

## DEUTSCHE WELLE SACKVILLE RELAY

(trs operated by CBC).
6085/9605kHz: 0330-0547 relay German Sce.

## PRIVATELY OWNED STATIONS

**Mediumwaves:** Stations less than 100W not mentioned. * = also Shortwave, f = mainly French prgrs, e = mainly English prgrs, b = bilingual, m = multilingual.

| | Call | kHz | kW | | Call | kHz | kW |
|---|---|---|---|---|---|---|---|
| 40) | C. . . | 540 | 50e | 306) | CKDM | 730 | 10/5e |
| 427) | CKCY | 540 | 15/2.5e | 414) | CKGB | 730 | 25e |
| 478) | CJSB | 540 | 50/10e | 417) | CHYR-7 | 730 | 1m |
| 17) | CFJC | 550 | 25/5e | 418A) | CJNR | 730 | 1e |
| 1) | CKPG | 550 | 10e | 510) | CKAC | 730 | 50f |
| 400) | CHNO | 550 | 10e | 901C) | CKGA | 730 | 1e |
| 500) | CHLN | 550 | 10/5f | 103) | CFCW | 790 | 50e |
| 600) | CFNB | 550 | 50e | 419) | CKSO | 790 | 50e |
| 2) | CHTK | 560 | 1/0.25e | 420) | CKMW | 790 | 5m |
| 3) | CKNL | 560 | 1e | 556) | CKBH | 790 | 1/0.25 |
| 401) | CJKL | 560 | 5e | 602) | CFAN | 790 | 5/1e |
| 402) | CFOS | 560 | 5/1e | 900A) | CFNW | 790 | 1e |
| 501) | CKCN | 560 | 10/5b | 14) | CKOK | 800 | 10/0.5e |
| 901A) | CHCM | 560 | 10/5e | 15) | CJJC | 800 | 10e |
| 4A) | CKWL | 570 | 1e | 202) | CHAB | 800 | 10e |
| 5) | CKEK | 570 | 10/1e | 421) | CKLW | 800 | 50e |
| 212) | CKSW | 570 | 10e | 422) | CFOB | 800 | 1/0.5e |
| 471) | CHYM | 570 | 10e | 423) | CJBQ | 800 | 10e |
| 601) | CJEM | 570 | 5/1b | 511) | CHRC | 800 | 50f |
| 900) | CFCB | 570 | 1e | 512) | CJAD | 800 | 50/10e |
| 6) | CKXR | 580 | 10/1e | 902) | VOWR | 800 | 5/2.5e |
| 100) | CKUA | 580 | 10e | 104) | CHQR | 810 | 50e |
| 301) | CKY | 580 | 50e | 307) | CKJS | 810 | 10m |
| 403) | CFRA | 580 | 50/10e | 603) | CJVA | 810 | 10f |
| 404) | CKPR | 580 | 5/1e | 27A) | CFVR | 850 | 10e |
| 405) | CKAP | 580 | 10/1e | 105) | CKRD | 850 | 10/1e |
| 406) | CKWW | 580 | 0.5e | 513) | CKVL | 850 | 50/10f |
| 502) | CHLC | 580 | 5/2.5f | 901D) | CHVO | 850 | 5e |
| 800) | CJFX | 580 | 10e | 16) | CJVI | 900 | 10e |
| 3A) | CFNL | 590 | 0.25e | 203) | CKBI | 900 | 10e |
| 7) | CFTK | 590 | 1e | 400) | CFBR | 900 | 10/1f |
| 302) | CFAR | 590 | 10/1e | 424) | CHML | 900 | 50e |
| 407) | CKEY | 590 | 10e | 425) | CKDR | 900 | 1/0.25e |
| 503) | CKRS | 590 | 10/5f | 525A) | CJER | 900 | 1b |
| 608A) | CJCW | 590 | 1/0.25e | 516) | CKTS | 900 | 10e |
| 901) | VOCM | 590 | 10e | 540A) | CKVD | 900 | 10/2.5f |
| 8) | CJOR | 600 | 10e | 803) | CKDH | 900 | 1e |
| 200) | CFQC | 600 | 10e | 106) | CKDQ | 910 | 10e |
| 408) | CFCH | 600 | 10/5e | 426) | CKLY | 910 | 10/5e |
| 504) | CFCF | 600 | 5e | 517) | CHRL | 910 | 10f |
| 801) | CKCL | 600 | 10/1e | 900B) | CFSX | 910 | 0.5e |
| 9) | CHNL | 610 | 25/5e | 4) | CKCQ | 920 | 10/1e |
| 10) | CJAT | 610 | 10/1e | 308) | CFRY | 920 | 10e |
| 90) | CKRW | 610 | 1e | 428) | CKNX | 920 | 10/1e |
| 101) | CKYL | 610 | 10e | 604) | CJCJ | 920 | 10/1e |
| 303) | CHTM | 610 | 1e | 804) | CJCH | 920 | 25e |
| 409) | CKTB | 610 | 10/5e | 528) | CFLS | 920 | 10f |
| 506) | CKML | 610 | 1/0.25f | 107) | CJCA | 920 | 50e |
| 505) | CHNC | 610 | 10/5f | 418B) | CKNS | 930 | 10e |
| 903A) | CKYQ | 610 | 10e | 605) | CFBC | 930 | 50e |
| 11) | CJCI | 620 | 10e | 903) | CJYQ | 930 | 25e |
| 201) | CKCK | 620 | 10e | 18) | CJIB | 940 | 10e |
| 410) | CFCL | 620 | 10/5f | 204) | CJGX | 940 | 10e |
| 502A) | CFRP | 620 | 1f | 309) | CFAM | 950 | 10e |
| 901A) | CKCM | 620 | 10e | 429) | CKBB | 950 | 10/2.5e |
| 12) | CKOV | 630 | 5/1e | 606) | CKNB | 950 | 10/1b |
| 102) | CHED | 630 | 50e | 805) | CHER | 950 | 10e |
| 304) | CKRC | 630 | 10e | 108) | CFAC | 960 | 50e |
| 411) | CFCO | 630 | 10/1e | 454) | CFTJ | 960 | 1e |
| 412) | CJET | 630 | 10e | 430) | CKWS | 960 | 10/5e |
| 413) | CFBK | 630 | 1e | 806) | CHNS | *960 | 10e |
| 507) | CHLT | 630 | 10/5f | 109) | CJYR | 970 | 10e |
| 508) | CJLA | 630 | 0.5/1f | 518) | CKCH | 970 | 10/5f |
| 700) | CFCY | 630 | 10e | 903E) | CFIQ | 970 | 1/0.5e |
| 38) | CISL | 650 | 50/10e | 19) | CKNW | 980 | 50e |
| 128) | CFFR | 660 | 50e | 205) | CKRM | 980 | 10/5e |
| 305) | CJOB | 680 | 50e | 431) | CFPL | 980 | 10/5e |
| 415) | CFTR | 680 | 50e | 432) | CHEX | 980 | 10/5e |
| 802) | CFDR | 680 | 50/10e | 519) | CKGM | 980 | 10e |
| 903C) | CIYQ | 680 | 10e | 807) | CKBW | 1000 | 10e |
| 416) | CJRN | 710 | 5/2.5e | 555) | CFLP | 1000 | 10f |
| 417) | CHYR | 710 | 10m | 903D) | CFYQ | 1010 | 5e |
| 501A) | CIPC | 710 | 1b | 433) | CFRB | *1010 | 50e |
| 509) | CKVM | 710 | 10/1f | 37) | CKAL | 1050 | 10/1e |
| 901R) | CKVO | 710 | 10e | 110) | CFGP | 1050 | 10e |
| 13) | CKLG | 730 | 50e | 206) | CJNB | 1050 | 10e |

# Radio Canada International

In the dynamic field of international broadcasting it is with pride that Radio Canada International begins its fifth decade.

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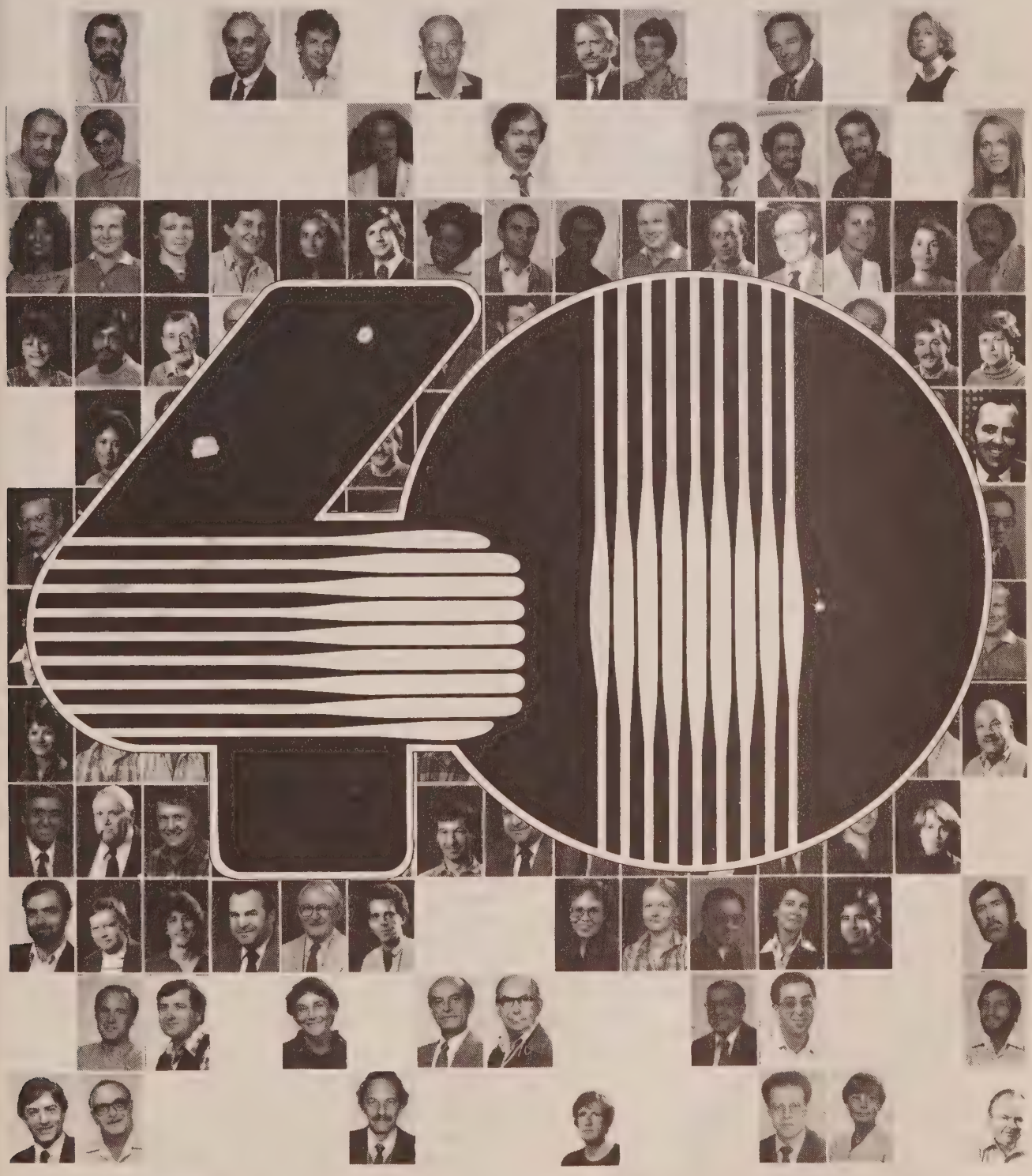

40 YEARS/ANS RADIO CANADA INTERNATIONAL

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Montréal, Canada
H3C 3A8

| | Call | kHz | kW |
|---|---|---|---|
| 434) | CHUM | 1050 | 50e |
| 435) | CFYN | 1050 | 10/2.5e |
| 111) | CFCN | *1060 | 50e |
| 520) | CJRP | 1060 | 50/10f |
| 20) | CFAX | 1070 | 10e |
| 123) | CKST | 1070 | 10e |
| 436) | CHOK | 1070 | 10e |
| 112) | CKSA | 1080 | 10e |
| 113) | CHEC | 1090 | 10/5e |
| 554) | CHRS | 1090 | 10f |
| 438) | CKKW | 1090 | 10e |
| 114) | CHQT | 1110 | 50e |
| 441A) | CHPR | 1110 | 0.25e |
| 448) | CKJD | 1110 | 10/1e |
| 479) | CHUR | 1110 | 10e |
| 21) | CKWX | *1130 | 50e |
| 115) | CKXL | 1140 | 50e |
| 521) | CJTR | 1140 | 10f |
| 22) | CKIQ | 1150 | 10e |
| 310) | CKX | 1150 | 50/10e |
| 439) | CJRC | 1150 | 50/5f |
| 440) | CKOC | 1150 | 50e |
| 505A) | CHGM | 1150 | 5f |
| 607) | CHSJ | 1150 | 10/5e |
| 116) | CKGY | 1170 | 10/5e |
| 441) | CFML | 1170 | 10f |
| 207) | CFSL | 1190 | 10/5e |
| 449A) | CJMR | 1190 | 10e |
| 701) | CHTN | 1190 | 10e |
| 23) | CKDA | 1220 | 50e |
| 117) | CJOC | 1220 | 10/5e |
| 309A) | CJRB | 1220 | 10e |
| 442) | CHSC | 1220 | 10e |
| 443) | CJRL | 1220 | 1e |
| 444) | CJSS | 1220 | 1e |
| 522) | CKSM | 1220 | 10/2.5f |
| 555A) | CFVM | 1220 | 10/5f |
| 608) | CKCW | 1220 | 25/10e |
| 7A) | CKTK | 1230 | 1/0.25e |
| 9A) | CJNL | 1230 | 1/0.25e |
| 24) | CFBV | 1230 | 1/0.25e |
| 25) | CKQR | 1230 | 1/0.25e |
| 109A) | CIYR | 1230 | 1/0.25e |
| 118) | CJOK | 1230 | 1/0.5e |
| 127A) | CILW | 1230 | 1/0.25e |
| 401A) | CJTT | 1230 | 1/0.25e |
| 410A) | CFLK | 1230 | 1.0.25f |
| 445) | CJLB | 1230 | 1/0.25e |
| 446) | CKMP | 1230 | 1/0.25e |
| 524R) | CJLP | 1230 | 1/0.25 |
| 523) | CHVD | 1230 | 10/0.25f |
| 525) | CJSA | 1230 | 1/0.25f |
| 900C) | CFGN | 1230 | 0.25e |
| 900D) | CFLN | 1230 | 1/0.25e |
| 905) | VOAR | 1230 | 0.1e |
| 1A) | CKMK | 1240 | 1/0.25e |
| 4B) | CKBX | 1240 | 1/0.25e |
| 5A) | CFEK | 1240 | 1/0.5e |
| 14A) | CKOO | 1240 | 1/0.25e |
| 26) | CJAV | 1240 | 1/0.25e |
| 27B) | CKGO | 1240 | 1/0.25e |
| 95) | CJCD | 1240 | 1e |
| 302A) | CJAR | 1240 | 1/0.5e |
| 423A) | CJNH | 1240 | 1/0.25e |
| 427R) | CJWA | 1240 | 1/0.25e |
| 447) | CJCS | 1240 | 0.5/0.25e |
| 526) | CFLM | 1240 | 1/0.25e |
| 527) | CJMD | 1240 | 1/0.25f |
| 529) | CKBS | 1240 | 0.25f |
| 540B) | CKLS | 1240 | 1/0.25f |
| 541A) | CJAF | 1240 | 1/0.25f |
| 546A) | CIRB | 1240 | 1/0.25f |
| 702) | CJRW | 1240 | 0.25e |
| 901BR) | CKIM | 1240 | 1/0.5e |
| 206A) | CJNS | 1240 | 1/0.25e |
| 208) | CKOM | 1250 | 10e |
| 309R) | CHSM | 1250 | 10e |
| 449) | CHWO | 1250 | 10/5e |
| 119) | CFRN | 1260 | 50e |
| 610) | CIHI | 1260 | 10e |

| | Call | kHz | kW |
|---|---|---|---|
| 27) | CHWK | 1270 | 10e |
| 120) | CHAT | 1270 | 10e |
| 423B) | CJTN | 1270 | 1e |
| 530) | CFGT | 1270 | 10/5f |
| 808) | CJCB | 1270 | 10e |
| 122) | CHRB | 1280 | 10e |
| 28) | CHQB | 1280 | 1e |
| 207A) | CJSL | 1280 | 10e |
| 450) | CHAM | 1280 | 10e |
| 531) | CJMS | 1280 | 50f |
| 532) | CKCV | 1280 | 50f |
| 311) | CFRW | 1290 | 10e |
| 451) | CJBK | 1290 | 10e |
| 533) | CHRM | 1290 | 10f |
| 209) | CJME | 1300 | 10e |
| 127) | CHLW | 1310 | 10e |
| 453) | CKOY | 1310 | 50e |
| 534) | CHGB | 1310 | 10f |
| 29) | CHQM | 1320 | 50e |
| 452) | CFGM | 1320 | 50e |
| 535) | CJSO | 1320 | 10/5f |
| 809) | CKEC | 1320 | 5e |
| 210) | CKKR | 1330 | 10e |
| 524) | CKLD | 1330 | 10f |
| 6A) | CKCR | 1340 | 1/0.25e |
| 9D) | CHNL2 | 1340 | 1/0.25e |
| 11A) | CIVH | 1340 | 1/0.25e |
| 14B) | CKGF | 1340 | 1/0.25e |
| 31A) | CFKC | 1340 | 0.25e |
| 106A) | CIBQ | 1340 | 1/0.25e |
| 127R) | CHLW-1 | 1340 | 0.25e |
| 410B) | CFLH | 1340 | 1/0.25f |
| 413A) | CFBQ | 1340 | 0.25e |
| 418) | CKNR | 1340 | 1/0.25e |
| 425A) | CKRE | 1340 | 0.25e |
| 455) | CKDK | 1340 | 1/0.25e |
| 506A) | CKMG | 1340 | 1/0.25f |
| 509A) | CKVT | 1340 | 1f |
| 524A) | CJAN | 1340 | 1/0.25f |
| 527R) | CFED | 1340 | 0.25f |
| 540C) | CHAD | 1340 | 1/0.25f |
| 557) | CFOM | 1340 | 0.25e |
| 810) | CJLS | 1340 | 5/1e |
| 900E) | CFLW | 1340 | 0.25e |
| 906) | C... | 1340 | 10/2.5e |
| 30) | CJDC | 1350 | 1e |
| 456) | CKAR | 1350 | 10/5e |
| 457) | CHRO | 1350 | 1e |
| 534A) | CHAL | 1350 | 1f |
| 537) | CJLM | 1350 | 10/1f |
| 812A) | CKAD | 1350 | 1/0.5e |
| 39) | CKEG | 1350 | 10e |
| 538) | CJVL | 1360 | 10/5f |
| 609) | CKBC | 1360 | 10e |
| 36A) | CHPQ | 1370 | 1e |
| 118B) | CFOK | 1370 | 10e |
| 211) | CJWW | 1370 | 10e |
| 539) | CFLV | 1370 | 10/5f |
| 534B) | CFVD | 1370 | 1f |
| 458) | CKLC | 1380 | 10e |
| 459) | CKPC | 1380 | 10e |
| 524B) | CFDA | 1380 | 10f |
| 611) | CHLR | 1380 | 10 |
| 31) | CKKC | 1390 | 1e |
| 126) | CJCY | 1390 | 10e |
| 460) | CHOO | 1390 | 10e |
| 6B) | CKGR | 1400 | 1/0.25e |
| 9B) | CINL | 1400 | 1/0.25e |
| 9C) | CHNL-1 | 1400 | 1/0.25e |
| 24A) | CFLD | 1400 | 1/0.25e |
| 106B) | CKSQ | 1400 | 1/0.25 |
| 429A) | CKCB | 1400 | 1/0.25e |
| 461) | CKOB | 1400 | 1/0.25e |
| 525B) | CIKG | 1400 | 1f |
| 524C) | CKFL | 1400 | 1/0.25f |
| 540) | CKRN | 1400 | 1/0.25b |
| 541) | CJFP | 1400 | 10/5f |
| 542) | CKRV | 1400 | 0.25/0.1f |
| 32) | CFUN | 1410 | 50e |
| 462) | CKSL | 1410 | 10e |

| | Call | kHz | kW |
|---|---|---|---|
| 543) | CFMB | 1410 | 10m |
| 811) | CIGO | 1410 | 10e |
| 213) | CJVR | 1420 | 10e |
| 463) | CKPT | 1420 | 10/5e |
| 524D) | CKTL | 1420 | 1/0.5f |
| 544) | CJMT | 1420 | 10/2.5f |
| 812B) | CKDY | 1420 | 0.5 |
| 124) | CJXX | 1430 | 10e |
| 464) | CJCL | 1430 | 50e |
| 33) | CFCP | 1440 | 1e |
| 121) | CJOI | 1440 | 10e |
| 465) | CFGO | 1440 | 50e |
| 14C) | CKSP | 1450 | 1/0.25e |
| 30A) | CHET | 1450 | 1/0.25e |
| 109R) | CKYR | 1450 | 0.25e |
| 466) | CFJR | 1450 | 1/0.25e |
| 467) | CHUC | 1450 | 10/0.25e |
| 505B) | CHMV | 1450 | 1/0.25b |
| 541B) | CHRT | 1450 | 0.25f |
| 545) | CHEF | 1450 | 10/5f |
| 812C) | CFAB | 1450 | 0.25e |
| 120) | CJMH | 1460 | 10e |
| 468) | CJOY | 1460 | 50/10e |
| 546) | CKRB | 1460 | 10/5f |
| 34) | CJVB | 1470 | 50m |
| 469) | CHOW | 1470 | 10e |
| 547) | CKO | 1470 | 50e |

| | Call | kHz | kW |
|---|---|---|---|
| 548) | CHLS | 1470 | 1f |
| 125) | CKER | 1480 | 10m |
| 477) | CKAN | 1480 | 10e |
| 549) | CHRD | 1480 | 50/35f |
| 14AA) | CKOO-1 | 1490 | 1/0.25e |
| 33A) | CFWB | 1490 | 1/0.25e |
| 117A) | CJPR | 1490 | 1/0.25e |
| 212A) | CJSN | 1490 | 1/0.25e |
| 470) | CFRC | 1490 | 0.1e |
| 402R) | CFPS | 1490 | 1/0.25e |
| 506C) | CKLR | 1490 | 1/0.25f |
| 550) | CJMC | 1490 | 1/0.25f |
| 551) | CKBM | 1490 | 1/0.25f |
| 812) | CKEN | 1490 | 1/0.5e |
| 35) | CKAY | 1500 | 10e |
| 472) | CKOT | 1510 | 10e |
| 552) | CJRS | 1510 | 50/10f |
| 313) | CISV | 1530 | 10/1e |
| 473) | CHIN | 1540 | 50/0.5m |
| 36) | CHUB | 1570 | 10e |
| 113A) | CKTA | 1570 | 10/5e |
| 312) | CKLQ | 1570 | 10e |
| 474) | CHLO | 1570 | 10e |
| 475) | CFOR | 1570 | 10/5e |
| 553) | CKLM | 1570 | 50f |
| 476) | CHNR | 1600 | 10e |

**Shortwaves**

| | Call | kHz | kW | Relays |
|---|---|---|---|---|
| 504) | CFCX | 6005 | 0.5 | CFCF, Montreal: 24h |
| 111) | CFVP | 6030 | 0.1 | CFCN, Calgary: 24h |
| 433) | CFRX | 6070 | 1 | CFRB, Toronto: 24h |
| 21) | CKFX | 6080 | 0.01 | CKWX, Vancouver: 24h |
| 806) | CHNX | 6130 | 0.5 | CHNS, Halifax: 24h |

**Province Abbreviations:** BC = British Columbia; YT = Yukon Territory; NWT = North West Territories; AB = Alberta; SK = Saskatchewan; MB = Manitoba; ON = Ontario; PQ = Quebec; NB = New Brunswick; NF = Newfoundland; NS = Nova Scotia; PEI = Prince Edward Island.

**Addresses and other information:**
Abbreviations: See under U.S.A. comm. st's.
**Networks:** During recent years many regional networks have been formed. The st's of a network often transmit a common prgr. during part of the broadcast day. The main st has been given a pure number, under which details common to all st's or pertaining to the main st only are found, while the other st's have been given the same number with an individual capital letter added, under which details pertaining only to this st are found. R. Means a pure relay st.

**Télémedia Network** (French): St's 410, 500, 501, 505, 506, 507, 509, 510, 517, 518, 524, 526, 527, 532, 535, 540, 541, 544, 546, 551, 555, 603 + satellites.
**CBC Relay:** Certain st's are required to carry CBC prgr's for a few hours a day in areas with inadequate coverage by CBC's own tr's. The number of such st's is steadily decreasing.
**R. Mutuel Network** (French): St's 439, 502, 520, 521, 530, 531, 548, 552.
**Verifications:** Many stations verify correct reception reports, especially for exceptional distances. The details of the verification policies often change and thus are omitted here.
**News:** Extra newscasts are usually aired during prime time (N-3).

**British Columbia**
1) 1220 6th Ave, Prince George BC V2L 3M8 — G.M: G.M. Leighton; P.D: L. Finlayson; C.E: W. Saunders. 24h on 550/1240 kHz.
1A) Box 1210, Mackenzie, BC V0J 2C0 — Mgr: L.G. Kerns; P.D: K. Macdonald. Own prgr's: 4h's every day.
2) 300 2nd Ave W, Prince Rupert, BC V8J 1G6 — Mgr: Ray Bergstrom; C.E: Ron Jacobs. 24h. (N-1)
3) Box 6310, Fort St. Johns, BC V1J 4H8 — Mgr: L. Novak; P.D: P. Hawkes; C.E: F. Roney. 24h on 560/590kHz (N-1)
3A) Box 880, Fort Nelson, BC V0C 1R0 — Mgr: M. Fisher. 24h.
4) 160 Front Str, Quesnel, BC V2J 2K1 — G.M: J. Boates; P.D: T. Shepherd. C.E: F. Lust. 24h on 570/920/1240kHz. **German:** Wed 0105-0130. **Italian:** Thurs 0105-0130 (N-1)
4A) 83 S. First Ave, Williams Lake, BC V2G 1H4.

4B) Box 939, 100 Mile House, BC V0K 2E0 — S.M: P. Reid. Own prgr's: Mon-Fri 1500-2100; Sat 1500-1700, 2000-2100.
5) 28 8th Ave. S. Cranbrook, BC V1C 2K3 — G.M: L.J. Hoole; P.D: G. Ridgeley; C.E: B. Crowe. 24h on 570/1240kHz. After local midnight same prgr as 10) (N-1).
5A) Box 1170, Fernie, BC V0B 1M0 — Mgr: H. Ashmore; P.D: P. Gorman. Own prgr's W 1400-0030.
6) Box 69, Salmon Arm, BC V0E 2T0 — Mgr: R.J. Hall; P.D: G. Irving; C.E: P. Mackintosh. 24h on 580/1340/1400kHz (N-1).
6A) Box 69, Revelstoke, BC — Mgr: K. Paulsen. Own prgr's Mon-Fri 1400-2000, Sat 1400-1700.
6B) Golden, BC. Own prgr's: As 6A).
7) 4625 Lazelle Ave, Terrace, BC V8G 1S2 — Mgr: B. Edwards; P.D: S. Rosvold; C.E: Ron Jacobs. 24h on 590/1230kHz (N-1).
7A) 350 City Centre, Kitimat V8C 1T6 — Mgr: Ms. S. Taylor. Local prgr's: Mon-Fri 1400-1800, 2300-0100.
8) 1401 West 8th Ave, Vancouver, BC V6H 1C9 — G.M: Don Wall; P.D: P. Roberts; C.E: A. Erdman. 24h.
9) 611 Lansdowne Str, Kamloops, BC V2C 1Y6 — G.M: C. Richmond; P.D: J. Bourhis; C.E: A. Holmberg. 24h on 610/1230/1340/1400kHz (N-3).
9A) Box 1630, Merritt, BC V0K 2B0 — Mgr: A.H. Clarke; C.E: Dan Roach. Own prgr's Mon-Fri 1500-2100.
9B) Box 1400, Princeton, BC V0X 1W0 — Mgr: Ron Moropito. Own prgr's Mon-Fri 1500-1800, 2300-0200.
9C) Clearwater, BC.
9D) Ashcroft/Cache Creek, BC.
10) 1520 2nd Ave, Trail, BC V1R 1M4 — Mgr: D. Gerein; P.D:J. Jackson; C.E: G. Young. 24h (N-3).
11) 1940-3rd Ave, Prince George, BC V2M 1G7 — Mgr: Wm. D. Opdahl; P.D: M. Forsythe; C.E: D. Alendal. 24h on 620/1340kHz (N-1).
11A) Box 1370, Vanderhoof, BC V0J 3A0 — P.D: S. Sterdan; C.E: D. Roach. Own prgr's Mon-Fri 1400-2015, Sun 1500-2300.
12) Box 100, Kelowna,BC V1Y 7N3 — Mgr: J.C. Browne; P.D: J. Michaels; C.E: W. Oliver. 24h.
13) 1006 Richards Str, Vancouver, BC V6B 1S8 — Mgr: B. Sysak; PD: G. Russell; C.E: G. Jardine. 24h(N-1).
14) 33 Carmi Ave, Penticton, BC V2A 3G4 — G.M: G.W. Pash; P.D: G. Sherwood; C.E: B. Johnston. 24h on 800/1240/1450/1490kHz(N-1).
14A) Box 539, Osoyoos, BC V0H 1V0 — S.M: F. Trainor; P.D: Al Davis. Own prgr's W 1400-0200 (Sat 2200).
14AA) Oliver, BC. Relay 14).
14B) Box 1570, Grand Forks, BC V0H 1H0 — Mgr: W. Warner; P.D: R.J. Swetlikoe. Own prgr's 1500-2230. Relays 10) W. evenings, all Sun.
14C) Box 1170, Summerland, BC V0H 1Z0 — Mgr: Bob Mills; P.D: E. Blumke. Own prgr's 1400-0200 (Sat 2200).
15) 20590 Fraser Hwy, Langley, BC V3A 4G2 — Mgr: Tom McBride; P.D: L. Finlaysen; C.E: E. Mykyte. 24h(N-1).
16) Box 900, Victoria, BC V8W 2S2 — G.M: J.E. Ansell; P.D: R. Mitten; C.E: C. Smedley. 24h(N-3).
17) 460 Pemberton Terrace, Kamloops, BC V2C 1T5 — G.M: D.S. Clark; P.D: R. Arnish; C.E: V. Gollmar. 24h(N-1).
18) 3313-32nd Ave, Vernon, BC V1T 2E1 — G.M: W. Everitt; P.D: P. Nicol; C.E: J. Mitschke. 24h(N-3).
19) 815 McBride Plaza, New Westminster, BC V3L 2C1 — G.M: T. Smith; P.D: B. McMaster; C.E: D. Court. 24h(N-1).
20) 825 Broughton Str, Victoria, BC V8X 1E5 — G.M: Mel Cooper; P.D: P. Mann; C.E: Bob Calder. 24h(N-1).
21) 1275 Burrard Str, Vancouver BC V6Z 1Z8 — Mgr: Tom Peacock; P.D: J. Fox; C.E: S. Davis. 24h(N-1).
22) 2419 Hwy. 97N, Kelowna, BC V1X 4J2 — G.M: W.E. Gray; P.D: Ted Pound; C.E: G.J. Young. 24h(N-1).
23) Box 1220, Victoria, V8X 2S5 — Mgr. & P.D: M. Cooper; C.E: B. Calder. 24h(N-1).
24) Box 335, Smithers, BC V0J 2N0 — Mgr. & P.D: N.C. Weseen; C.E: S. Davis. 24h on 1230/1400kHz. St's 24, 24A broadcast in network with st's 11, 11A.
24A) Box 600, Burns Lake, BC V0J 1E0.
25) 601 Columbia Ave, Castlegar, BC V1N 1G9 — Mgr. B. Pritchard; P.D: F. Jack. C.E: G.A. Brady. 24h(N-1).
26) 2970 3rd Ave So, Port Aberni, BC V9Y 7N4 — G.M: M. Inwards; C.E: M. Semkiw. 1330 (Sat 1400, Sun 1500)-0800(N-3).
27) Box 386, Chilliwack, BC V2P 6J7 — Mgr: W.J. Coombes; P.D: B. Laver; C.E: A. Schmidt. 24h on 1270/1240/1490kHz (N-1). **German:** Sun 1530-1600. Hindustani: Sun 0530-0545.
27A) 2722 Allwood Str, Abbotsford, BC V2T 3R8 — Mgr: R. Singleton; P.D: B. Williams. Own prgr's 1300-0800.
27B) Box 1600, Hope, BC V0X 1L0 — Mgr: P.D. Slack; P.D: Ron


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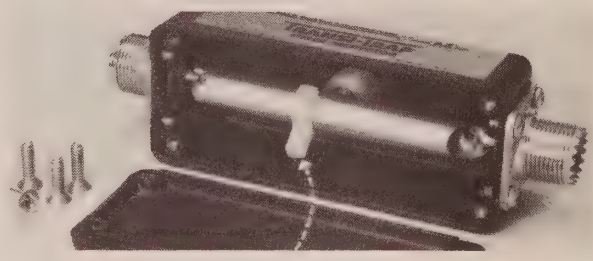

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Jones. Own prgr's Mon-Sat 1400-2000.
28) 6816 Cortneay Str, Powell River, BC V8A 1X1 — Mgr: T. Griffiths; C.E: R.E. Harlow. 1400-0800 (N-1).
29) 1134 Burrard Str, Vancouver 1, BC V6Z 1Y8 — Mgr: J. Stark; P.D: D. Geddes; C.E: D.DiPalma. 24h(N-1).
30) 901-102nd Ave, Dawson Creek, BC V1G 2B6 — G.M: M.I. Michaud; P.D: D. Scotney; C.E: Jim Sexsmith. 1300-1000(N-1).
30A) Chetwynd, BC.
31) Box 250, Nelson, BC V1L 5P9 — G.M: J.D. Schmidt; P.D: J.P. O'Hearn; C.E: B. Popoff. 24h on 1340/1390kHz(N-2).
31A) Box 310, Creston, BC V0B 1G0 — Mgr: L.A. Duncalfe.
32) 1900 West 4th Ave, Vancouver 9, BC V6J 1M6 — G.M: M.R. Carabine; P.D: Burlingham; C.E: S. Davis. 24h.
33) 1595 Cliffe Ave, Courtenay, BC V9N 2K6 — Pres: W.G. Browne; C.E: D. Lee. 1400-0800 on 1440/1490kHz.
33A) 117-1180 Ironwood Str, Campbell River, BC V9W 5P7 — Mgr: Bob McInnes; C.E: F. Grant.
34) 814 Richard Str, Vancouver, BC V6B 3A7 — Mgr: Jan van Bruchem; S.M: E.G.R. Hartman. W 1230-0910, Sun 1355-0800, in E and 11 other languages. (N-1) and within foreign language prgrs.
35) 160 Jubilee Str, Duncan, BC V9L 1W7 — Mgr. & C.E: B. Holder; P.D: M. Anttila. 1330(Sat/Sun 1400)-0800(N-1).
36) 22 Esplanade, Nanaimo, BC V9R 4Y7 — Mgr: G. Lawlor; P.D: Ted Kelly; C.E: M. Pickford. 24h(N-1).
36A) Box 1370, Parksville, BC V0R 2S0 — Mgr: R. Gillis. Own prgr's Mon-Sat 1400-2200.
37) 8808 Hwy. 97 So, Vernon, BC V1B 1W2 — Mgr: G.W. Seabrook; P.D: Ian McLean; C.E: G. Goulet. 24h(N-1).
38) 20-11151 Horseshoe Way, Richmond, BC V7A 4S5 — Mgr: M.J. Dickinson; P.D: A. Celsie; C.E: S.W. Davis. 24h(N-1). Presently operating on 940kHz.
39) 2231 Ea. McGarrigle Rd, Nanaimo, BC V9S 4MS.
40) Vancouver, BC (under construction).

**Yukon Territory**
90) 203-4103 4th Ave, Whitehorse, YT Y1A 1H6—Mgr: D. Johnson; C.E: K. Bickerstaff. 24h(N-1).

**North West Territories**
95) Box 218, Yellowknife, NWT X1A 2N2 — G.M: Chas.Dent. 19h/day.

**Alberta**
100) University of Alberta, 10526 Jasper Ave, Edmonton, AB T5J 1Z7 — Mgr: E.K.Kilpatrick; P.D: J. Rollans; C.E: Don Wade. 1300-0900 (Sun 0800).N: 1900,0030,0500.
101) Box 1150, Peace River, AB T0H 2X0 — Mgr: R.McRae; P.D: K. White; C.E: L. Klement. 1300-0700.
102) 5204-84th Str, Edmonton, AB T6E 5N8 — G.M: J. Forbes; P.D: K. James; C.E: T. Davis. 24h.
103) 4152-99th Str, Edmonton, AB T6E 5H5 — G.M: W.H. Holte; P.D: B. Munro; C.E: L. Olson. 24h(N-1).
104) 830-9th Ave SW, Calgary, AB T2P 1L7 — G.M: T. Soskin; P.D: D. Maller; C.E: M.B. Hoyme. 24h(N-1).
105) Box 555, Red Deer, AB T4N 5H6 — Mgr: M.G. Phillips; P.D: J. Tennant; C.E: R. Broemer. 24h(N-1).
106) Box 1480, Drumheller, AB T0J 0Y0 — Mgr: James McLeod; P.D: Ray Grover; C.E: G. Umari. 24h on 910/1340/1400kHz(N-1).
106A) Box 180, Brooks, AB T0J 0J0 — Mgr: Ted Storch; C.E: G. Kormanisky. 24h(N-1). Own prgr's 1300(Sun 1500)-0100.
106B) Box 1840, Stettler, AB T0C 2L0 — Mgr: M. Seibel; P.D: K. Burns; C.E: G. Komarnisky.
107) 10230-108 Str, Edmonton, AB T5J 2X3 — G.M: J.T. Strain; P.D: B. Lang; C.E: G. Skutle. 24h(N-1).
108) 3320-17th Ave SW, Calgary, AB T3E 6X6 — G.M: W. Machny; P.D: J. Kunkel; C.E: R. Eldridge. 24h(N-3).
109) Box 1450, Edson, AB T0E 0P0 — G.M: C. Benson; P.D: T. O'Coffey; C.E: P. Calvert. 1300-0800(Sun 0700) on 970/1450 kHz(N-1) (CKYR=Jasper).
110) 10008-103rd Ave, Grande Prairie, AB T8V 1B8 — Mgr: G. Pearcy; P.D: Diane Giffen; C.E: K. Rodts. 24h(N-1).
111) Broadc. House, Box 7060, St. "E",Calgary, AB T3C 3L9 — G.M: N.H. Haines; C.E: Ron Nordquist. 24h(N-3).
112) 5026-50th Str, Lloydminster, AB T9V 1P3 — Mgr: Ken Ruptash; P.D: G. McGowan. C.E: T. Stam. 24h(N-1).
113) Box 1090, Lethbridge, AB T1J 4A3 — Mgr: B. Pedersen; P.D: W. Barry; C.E: R. Verhulst. 24h on 1090/1570kHz(N-3).
113A) Box 2199, Taber, AB T0K 2G0 — Mgr: Mrs. L. Brown; C.E: P. Brown; P.D: K. Elliott. 24h(N-1).
114) 2200-10130-103rd Str, Edmonton, AB T5J 3N9 — Mgr: L.R. Roskin; P.D: J. Woodbridge; C.E: Bob Hunter. 24h(N-1).
115) Box 1140, Calgary, AB T2P 2M7 — G.M: K.P. James; P.D: G. Haraldson; C.E: H. Frauscher. 24h (N. at :20, :40).
116) Box 339, Red Deer, AB T4N 5E9 — Mgr: R.D. Stephen; P.D: D. Maller; C.E: Dan Roach. 24h(N-1).
117) Box 820, Lethbridge, AB T1J 3Z9 — Mgr: J.C. Innes; P.D: J. Thys; C.E: M. Porter. 24h on 1220/1490kHz.
117A) Box 840, Crowsnest Pass, AB T0K 0E0 — Mgr: D. Ferguson.
118) 205-10011 Franklin Ave, Ft. McMurray, AB T9H 2K7 — Mgr: J. Dicks; C.E: P. Calvert. 1300 (Sun 1400)-0700 on 1230/1310/1370 kHz(N-1).
118B) Box 1800, Westlock, AB I0G 2L0 — S.M: L.R. Harris; C.E: K. Harris. 24h(N-1). **Italian:** Sun 0200-0300.
119) P.O. Box 5030, Station "E", Edmonton, AB T5P 4C2 — Mgr: J.S. Edwards; P.D: Don O'Neil; C.E: T.E. Wadson. 24h(N-1).
120) Box 1270, Medicine Hat, AB T1A 7H5 — G.M: W.D. Fieldhouse. P.D: Pat O'Connor; C.E: R. Broemer. 24h(N-2). (CJMH relays CBR-1010 only).
121) 5008-50th Ave, Wetaskiwin, AB T9A 0S4 — G.M: H. Brilz; P.D: A. Redel; C.E: N. Evans. W 1300 (Sat 1400)-0700, Sun 1400-0600(N-1).
122) Box 1280, High River, AB T0L 1B0 — Mgr: R. Hamm; P.D: L. Ball; C.E: E. Siemens. 24h(N-1).
123) 8610 McKenney Ave, St. Albert, AB T8N 2T7 — Mgr.& P.D: L. King; C.E: D. Reid. 24h(N-1).
124) 9913-100th Ave, Grande Prairie, AB T8V 0V1 — Mgr: F. Valentini; P.D: C. Ingram; C.E: Sam Lowe. 24h(N-1). **Cree:** 1400-1430.
125) 4443-99 Str, Edmonton, AB T6E 5B6 — Mgr: J.B. Morrall; C.E: F. Makepeace. 1300-0700.
126) Box 1142, Medicine Hat, AB T1A 7H3 — G.M: G. Colledge; P.D: M. Gunderson; C.E: Al Standerwick. 24h.(N-1).
127) Box 910, St. Paul, AB T0A 3A0 — 24h. French 20h, Ukrainian 10h weekly.
127A) Wainwright, AB.
127R) Grand Centre, AB.
128) Calgary, AB

**Saskatchewan**
200) 212-216 First Ave. No., Saskatoon, SK S7K 3W3 — G.M: D.J. Fisher; P.D: R. Tyson; C.E: A. Koenderink. 24h.
201) Box 6200, Regina, SK S4P 3H7 — Mgr: R.A. Lamborn; P.D: D. Alexander; C.E: H.C. Dean. 24h(N-1).
202) 116 Main Str. No, Moose Jaw, SK S6H 3J7 — G.M: D. Cameron; P.D: P. Bohn; C.E: M. Soar. 24h(N-3).
203) 22-10th Str W, Prince Albert, SK S6V 3A5 — Mgr.& P.D: J. Scarrow; C.E: R. Odegaard. 24h(N-1).
204) P.O. Box 9400, Yorkton, SK S3N 3V3 — G.M: G.G. Gallagher; P.D: G.N. Lawrence; C.E: D. Ellis. 24h. Ukrainian Mon-Fri 0030-0100 (Sun rlg) (N-1 plus 1130, 1230, 1330, 1730, 2230).
205) Box 9800, Regina, SK S4P 3J4 — G.M: G.G. Gallagher; P.D: F. King; C.E: D. Cross. 24h(N-1).
206) Box 1460, North Battleford, SK S9A 2Z5 — Mgr: H.G. Dekker; P.D: E. Elliot; C.E: A. Ruddell. W 1300-0805, Sun 1330-0605 on 1050/1240kHz.
206A) Centre Str, Meadow Lake, SK.
207) Box 340, Weyburn, SK S4H 2K2 — G.M: J.T. Laing; P.D: D. King; C.E: R. Hunter. 24h on 1190/1280kHz(N-1).
207A) Box 1280, Estevan, SK S4A 2H8 — Mgr: J.R. Empey; P.D: R. Chapman; C.E: Jim Hutchings.
208) 3333-8th Str. Ea, Saskatoon, SK S7H 0W3 — S.M: W.H. Stovin; P.D: M. Douglas; C.E: K. Fisher. 24h(N-1).
209) Box 1300, Regina, SK S4P 3B9 — G.M: D.E. Rawlinson; P.D: J. Steele; C.E: D.M. Senft. 24h(N. at :20, :40).
210) Box 490, Rosetown, SK S0L 2V0 — Mgr: Wax Williams; P.D: Rod McDonald; C.E: Al Pippen. 1200(Sat/Sun 1300)-0700(N-1).
211) 345-4th Ave. So, Saskatoon, SK S7K 5S5 — Mgr: Mrs. Y.J. Balkwill; C.E: Dan Brann. 24h(N-3).
212) Box 370, Swift Current, SK S9H 3W2 — Mgr: L. Enns; P.D: R. Gibley; C.E: M. Klippenstein. 24h on 570/1490kHz(N-1). **German:** Sun 0000-0100.
212A) Box 1176, Shaunavon, SK S0N 2M0. Own prgr's: W 1330-1830.
213) Box 1420, Melfort, SK S0E 1A0 — Mgr: G.W: Fitz; P.D: B. McInnes. C.E: B. Opseth. 24h(N-1).

**Manitoba**
301) Polo Park, 1440 Rapelje Ave, Winnipeg, MB R3G 0L7 — G.M: A.E. Diehl; P.D: G. Russell; C.E: G. Buzunis. 24h(N. at :20, :40).

302) Box 430, Flin Flon, MB R8A 1N3 — G.M: D. O'Brien; P.D: J. Poulin; C.E: R. Holdaway. W 1220-0600, Sun 1350-0715 on 590/1240kHz.
302A) Box 2980, The Pas, MB — Mgr: R. Dawson; P.D: J. Hamm.
303) 201 Hayes Rd, Thompson, MB R8N 1M5 — Mgr: D. O'Brien; P.D: R. Krane; C.E: R. Odegard. 24h.
304) Box 9700, Winnipeg, MB R3C 3E5 — G.M: G.L. Miles; P.D: R. Washington; C.E: R. Patterson. 24h.
305) 930 Portage Ave, Winnipeg, MB R3G 0P8—G.M: R.M. MacLenna; P.D: J. Cochrane; C.E: J. Fallows. 24h.
306) 27-3rd Ave, Dauphin, MB R7N 2V5 — G.M: J.H. Dunlop; P.D: P. Walker; C.E: P. Nykolaishen. 1200-0600(N-1).
307) 191 Lombard Ave, Winnipeg, MB R3B 0X1 — Mgr: T. Carta; P.D: C. Brown; C.E: N. East. 24h(N-2).
308) 1500 Sask. Ave West, Portage la Prairie, MB R1N 0N6 — G.M. & C.E: R.D. Hughes; P.D: J. Aune. 24h
309) R. Southern Manitoba, Box 950, Altona, MB R0G 0B0 — G.M: E. Hildebrand; P.D: D. Wiebe; C.E: J. Hoeppner. 24h in English (German, Polish, Dutch occasionally) on 950/1220/1250kHz (N-1) (CHSM = Steinbach).
309A) Box 950, Boissevain, MB R0G 0B0.
310) 2940 Victoria Ave, Brandon, MB R7A 6A5 — Mgr: A.S. Craig; P.D: Jim Zack; C.E: L. Dubois. 24h(N-1).
311) 1445 Pembina Hwy, Winnipeg, MB R3T 5C2 — G.M: Bob Laine; P.D: Pat St. John; C.E: B. Edgar. 24h(N-3).
312) Box 1570, Brandon, MB R7A 6N6 — G.M: R.W. MacDonald; P.D: J.Agar; C.E: E. Sowiak. 24h(N-1).
313) Box 1530, Winkler, AB.

**Ontario**

400) Box 700, St. B, Sudbury, ON P3E 4R9 — C.E: H. Albert; S.M (CFBR): R. Riel. (CHNO): C. Babcock — CFBR 1100-0600 on 900kHz, CHNO 24h on 550kHz.
401) Box 430, Kirkland Lake, ON P2N 3J4 — Mgr: R.E. Ancell; C.E: H. Parent. 1100-0505 on 560/1230kHz.
401A) Box 1058, New Liskeard, ON P0J 1P0 — G.M: Jim Marvin; P.D: B. Karr; C.E: W. Lennox.
402) 270 Ninth Str. East, Owen Sound, ON N4K 1N7 — Mgr: Wm. N. Hawkins; P.D: R. Kentner; C.E: D. Gillard. 1010-0610 on 560/1490kHz (CFPS = Port Elgin repeater).
403) 150 Isabella Str, Ottawa, ON K1S 5A3 — G.M: T. Kielty; P.D: Al Pascal; C.E: G. Roach. 24h.
404) 87 N Hill Str, Thunder Bay, ON P7A 5V6 — Mgr: G.D. Jeffrey; P.D: R. Dee; C.E: G. Buetow. 24h(N-3).
405) 24 Byng Ave, Kapuskasing, ON P5N 1X5 — G.M: Pat Bestall; P.D: M. Miller. 1100-0500(N-3).
406) 300 Cabana Rd. East, Windsor, ON N9G 1A3 — Mgr: L.W. Thoman; P.D: J. Henderson; C.E: W. Dowlan. 24h(N-3).
407) 1 Yonge Str, Toronto, ON M5E 1G1 — Mgr: D.C. Trowell; P.D: J. Kidd; C.E: W.R. Onn. 24h(N-1). **F.Pl:** 50kW.
408) Box 3000, North Bay, ON P1B 8K8 — S.M: G.D. Ackhurst; C.E: W. Lennox. 1100 (Sun 1200)-0500(Sat 0600).
409) P.O. Box 610, St. Catharines, ON L2R 6X7 — G.M: R.A. Reinhart; C.E: W. Parker. 24h(N-3).
410) Box 620, Timmins, ON P4N 7G3 — Mgr. & P.D: A. Boisvert; C.E: R. Fauteux. 24h on 620/1230/1340kHz.
410A) Kapuskasing, ON.
410B) Hearst, ON.
411) Box 630, Chatham, ON N7M 5K9 — Mgr: Art Kovats; P.D: Ken Copeman; C.E: G. Heinz. 24h(N-1).
412) Box 630, Smiths Falls, ON K7A 4T4 — S.M: H. Botham; P.D: E. Young; C.E: D. Disque. 24h(N-1).
413) Box 630, Huntsville, ON P0A 1K0 — Mgr.& C.E: D. Alberts. 24h on 630/1340kHz(N-1).
413A) 24-A William Str, Parry Sound, ON P0A 1K0 — Mgr: D. Thatcher. Own prgr's W 1100-2300,Sun 1600-1700.
414) Box 1046, Timmins, ON P4N 7H8 — G.M: J. MacLeod; P.D: J. van Esch; C.E: D. Swallow. 24h(N-1). Presently on 680kHz.
415) 25 Adelaide Str. East, Toronto, ON M5C 1H3 — Mgr: Tom McLean; P.D: L. Sole; C.E: T.V. Hoar. 24h(N-2).
416) Box 710, Niagara Falls, ON L2E 6X7 — Mgr: D.E. Lyman; P.D: R. O'Brein, C.E: Ken Harris. 24h(N-1).
417) 100 Talbot Str. Ea, Leamington, ON N8H 1L3 — G.M: J.C. Garton; P.D: Lou F. Tomasi; C.E: T. Cribbje. 24h in English (and Ukrainian, German, Italian, Hungarian). Sunrise to sunset on 710kHz, night on 730kHz.
418) 15 Charles Walk, Elliot Lake, ON P5A 2A2 — Mgr: J. Baird; C.E: Ray Rylatt. 24h on 730/1340kHz (N-1).
418A) 10 Lawton Str, Blind River, ON P0R 1B0.
418B) Box 1910, Espanola, ON P0P 1C0.
419) 336 Ash Str, Sudbury, ON P3C 5N2 — Mgr: G.C. Lund; P.D: G. Duguay; C.E: H. Frauscher. 24h.
420) 83 Kennedy Rd. South, Brampton, ON L6W 3P3 — Pres: P.J. Hurley; P.D: Con Chung. 24h(N-1).
421) 1640 Ouellette Ave, Windsor, ON N8X 1L1 — G.M: H.W. McCord; P.D: R. Bozzi; C.E: E.R. Buterbaugh. 24h(N. at :20).
422) Box 800, Fort Frances, ON P9A 3M1 — G.M: G.McBride; C.E: J. Gauld. 24h.
423) Box 488, Belleville, ON K8N 1L5 — Mgr: F.C. Murray; P.D: J. Henderson; C.E: D.K. Vanderwater. Mon-Fri 24h, Sat 1100-0500, Sun 1230-0500 on 800/1240kHz (N-1).
423A) Box 1240, Bancroft, ON K0L 1C0. Own prgr's Mon-Fri 1400-1500, 1800-2000, 2300-2400; Sat 1410-1530, 1730-1900; Sun 1330-1500.
423B) Box 9, Trenton, ON K8V 5R1 — Mgr: D.H. Sovereign; C.E: M. Coffey. W 1000-0605, Sun 1200-0505.
424) 848 Main Str. East, Hamilton, ON L8M 1M1 — G.M: Don Luzzi; P.D: R. Hooper; C.E: Bob Burger. 24h(N-1).
425) Box 580, Dryden, ON P8N 2Z3 — S.M: H.A. Syrja; C.E: J.G. Gauld. 1300-0500(N. at :20, :40).
425A) Red Lake, ON.
426) 249 Kent Str W,Lindsay, ON K9V 2Z3—G.M: J.A. McNabb; P.D: Bob Eakins; C.E:Ray McMurray. 24h(N-1).
427) Box 920,Sault Ste Marie, ON P6A 5N6 — Mgr: H. Wolfe; P.D: A. Osborne; C.E: R.G. Rylatt. 24h(N-3). (CJWA-Wawa).
428) 215 Carling Terrace, Wingham, ON N0G 2W0 — Mgr: J. Gillespie; P.D: J. Chomyn; C.E: S. Reid. 1100(Sun 1300)-0408 (N-1).
429) Box 950, Barrie, ON L4M 4V1 — G.M: W. Bjorgan; P.D: G. Forsythe; C.E: J. Evans. 24h on 950/1400 kHz.
429A) 84 Hurontario Str, Collingwood, ON L9Y 2L8 — Mgr: R. Hooper; P.D: F. Robinson; C.E: J. Evans.
430) 479 Counter Str, Kingston, ON K7N 7J3 — G.M: A. Brooks; P.D: C. Cogan; C.E: L.A. Cameron. 24h(N-1).
431) Box 2580, London, ON N6A 4H3 — G.M: C.N. Knight; P.D: B. Brady; C.E: P. Paczynski. 24h(N-3).
432) Postal Bag 1450, Peterborough, ON K9J 6Z9 — G.M: G. Hart; P.D: G. Gibb. C.E: Ben Wilke. 24h(N-1).
433) 2 St. Clair Ave West, Toronto, ON M4V 1L6 — G.M: Wm. E. Hall; P.D: J. Spragge; C.E: C. Eastwood. 24h (N-1).


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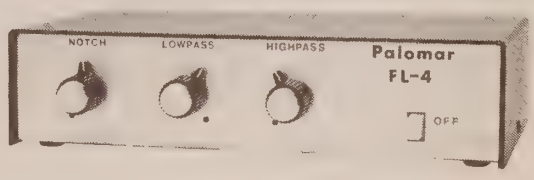


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434) 1331 Yonge Str, Toronto, ON M4T 1Y1 — G.M: A.F. Waters; P.D: J.R. Wood; C.E: B. Carnegie. 24h.
435) Box 1050, Sault Ste. Marie, ON P6A 5N5 — G.M: R. Hilderly; P.D: J. Campbell, C.E: Bill Schofield. 24h on 1050kHz(N-1).
436) Box 1070, Sarnia, ON N7T 7K5 — G.M: W. Steele; P.D: C. Jackson; C.E: R.F. Cooke. 24h(N-3).
438) 864 King Str. West, Kitchener, ON N2G 4E9 — G.M: D.J. MacDonald; P.D: J. Keogh; C.E: P. Turchan. 24h(N-1).
439) 681 Belfast Rd, Ottawa, ON K1G 0Z4 — G.M: M. Lavoie; P.D: R. Parent; C.E: A. Bonneau. 24h(N-3).
440) Box 1150, Hamilton, ON L8N 3P5 — Mgr: R.K. MacDonald; P.D: N. Grant; C.E: P. Fleming. 24h(N-1).
441) 115 Chemin Montreal, Cornwall, ON K6H 1B2 — Daytime only on 1110/1170kHz(N-1).
441A) No. 37, 151 Main Str, Hawkesbury, ON K6A 1A1.
442) Box 1220, St. Catharines, ON L2R 7A7 — Mgr: J.K. Shields; P.D: Ted Yates; C.E: L. Garrington. 24h(N-1).
443) Box 2490,Kenora,ON P9N 3X8 — Mgr: Jim Gauld; P.D: Joe McDonald. 24h(N-1).
444) Box 969, Cornwall, ON K6H 5V1 — Mgr: J. Kidd; P.D: W. Waldroff; C.E: R. Levy. 24h.
445) Box 3448, Thunder Bay, ON P7B 5J9.
446) 490 Dominion Ave, Midland, ON L4R 1P6 — Mgr: Bob Templeton; P.D: R. Geoffrey; C.E: B. Hooper. 1100-0500(N-1).
447) Box 904, Stratford, ON N5A 6W3 — Mgr: G.K. Barr; P.D: S. Rae; C.E: D Steinke. 1055(Sun 1155)-0505.(N-1).
448) 546 No. Christina Str, Sarnia, ON N7T 5W6 — G.M: D. Burrows; P.D: Les Palango; C.E: Bob White. 24h(N: at :25,:55).
449) 490 Wyecroft Rd, Oakville, ON L6K 2H1 — Mgr: J.E. Caine; P.D: B. Morden; C.E: A. Velleman. 24h. Ethnic(N-1).
449A) Box 1190, Port Credit Postal Sta, Mississauga, ON — Mgr: M. Caine; P.D: J. Allen. Daytime only on 1190kHz.
450) 2 King Str. W, Hamilton, ON L8P 1A1 — Mgr: Don E. Kay; P.D: K. McKenna; C.E: Rob Meuser. 24h(N-1).
451) Box 1290, Terminal A, London, ON N6A 5A2 — Mgr: Jim Boyle; P.D: J.Rae; C.E: J.Guy. 24h(N-2).
452) 10254 Yonge Str. N, Richmond Hill, ON L4C 3B7 — Mgr: A.P. Viner; P.D: G. Slaight; C.E: B. Carnegie. 24h(N-2).
453) 112 Kent Str., Suite 1900, Ottawa, ON K1J 6P1 — Mgr: Hal Blackadar; P.D: J. Ross; C.E: S.A. Harrison. 24h(N-1).
454) 46 Main Str, Cambridge, ON N1R 1V4 — G.M: N.A. Stillman; P.D: L. Elcombe; C.E: L. Keats. 24h.
455) Box 100, Woodstock, ON N4S 7W7 — G.M: H. Clemence; P.D: P. Nathan; C.E: B. Hooper. 24h(N-1).
456) 360 King Str. W, Oshawa, ON L1J 2K2 — Mgr: G.G. Grant; P.D: M. Drake; C.E: J.C. Savoie. 24h(N-1). **German:** Sat 1300-2200, Sun 1345-2200. **Italian:** Sat 2200-0200, Sun 2200-0100. **Dutch:** Sat 0200-0230(N-1).
457) Box 1010, Forest Lea Rd, Pembroke, ON K8A 6Y6 — Mgr: G. Clifford; C.E: Don Elvidge. 1100-0505(N-1).
458) Box 1380, Kingston, ON K7L 4Y5 — G.M: J. Wright; P.D: D. Foreman; C.E: A. Aufleger. 24h(N. at :45).
459) 571 West Str, Brantford, ON N3T 5P8 — G.M: R.D. Buchanan; C.E: S. Bayley. 24h(N-2).
460) 97 MacMaster Ave, Ajax, ON L1S 2E6 — Mgr: Lorna Baird; C.E: A. Lehn. 24h(N-2).
461) Box 96, Renfrew, ON K7V 4A2 — Mgr: J.B. Poze; P.D: Bob Rose; C.E: Guy Longtin. 24h(N-1).
462) Box 1410, London, ON N6A 5J2 — G.M: G. Hume; P.D: J. Stevens; C.E: W.E. Post. 24h(N-3).
463) Box 177, Peterborough, ON K9J 6Y8 — G.M: J.J. Manol; P.D: J.P. Roe; C.E: Ed Crompton. 24h(N-1).
464) 464 Yonge Str, Toronto, ON M4Y 1W9 — C.E: G.A. Wilson. 24h(N-1).
465) 1575 Carling Ave, Ottawa ON K1Z 7M3 — Mgr: P.M. Kelly; P.D: D. Roman; C.E: H. McRae. 24h.
466) Box 666, Brockville, ON K6V 5V9 — G.M: D. Radford; P.D: B. Wylie. 24h(N-1).
467) Box 520, Cobourg, ON K9A 4L3 — G.M: D.T. Conway; C.E: J. Ton. 1100 (Sun 1230)-0500 (Sat 0700)(N-1).
468) 75 Speedvale Ave, Guelph, ON N1E 6M3 — Mgr: N.A. Stillman; P.D: G. Field; C.E: L.D. Smith. 24h(N-1).
469) Regional Rd. 23, Welland, ON L3B 3N5 — Mgr: G.W. Burnett; P.D: R. Woodward; C.E: L. Holleran. 24h(N-1).
470) Carruthers Hall, Queen's University, Kingston, ON K7L 3N6 — S.M: S. Cutway; P.D: G. Greer; C.E: G. Racine. Thurs 2330-0700, Fri 2330-1100, Sat 1700-Mon 0730.
471) 305 King Str. W, Kitchener, ON N2G 4E4 — Mgr: J.E. Larke; P.D: S. Cameron; C.E: J.P. Firminger. 24h(N-3). **German:** Mon 2h/weekly.
472) Box 10, Tillsonburg, ON N4G 4H3 — S.M: J.D. Lamers Jr; P.D: G. Peppler; C.E: R. Lamers. Daytime only (Jan. 1300-2215, July 1000-0100).
473) 637 College Str, Toronto, ON M6G 1B6 — Mgr: R. Culliton; P.D: C. Redhead; C.E: T. Joice. 1100-sunset(0.5kW used 1100-sunrise) 32 languages(N-1).
474) Box 160, St. Thomas, ON N5P 3T8 — G.M: V. Furber; P.D: J. Lowe; C.E: H. Pressey. 24h(N-1).
475) Box 550, Orillia, ON L3V 6K2 — Mgr: J. MacLeod; P.D: J. Latimer; C.E: B. Hooper. 24h(N-1).
476) Box 1600, Simcoe, ON N3Y 3S1 — Mgr: A. Baird; P.D: A. Pooley; C.E: L. Garrington. 1000-0500(N-1).
477) 138 Davis Drive, Newmarket, ON L3Y 2N1 — Mgr: Ted Randal; P.D: AL Kingdon; C.E: Gus Sondermeyer. 24h(N-3).
478) Box 54000, Stn F, Ottawa, ON K2C 3S2 — Mgr: S. Margles; P.D: B. Brenn; C.E: Ken Harris.
479) Box 924, North Bay, ON P1B 8K1.

**Quebec**

500) 3550 Blvd. Royal, Trois-Rivières, PQ G9A 4M3 — Mgr: J. Black; P.D: A. Pointras; C.E: O. Lefebvre. 24h(N: at :15, :45).
501) 106 rue Napoleon, Sept-Iles, PQ G4R 5L7 — Mgr: J.E. DeCelles; P.D: R. Gervais; C.E: R. Bouchard. 24h on 560/710kHz.
501A) 8 Boul. des Iles, Port-Cartier, PQ G5B 2J4 — P.D: B. Poirier. Own prgr's at 1200-1800,2300-0100 (N: at :15, :45).
502) 399 rue Puyjalon, Hauterive, PQ G5C 2Z7 — Mgr: C. St-Pierre; P.D: J.F. Bolduc; C.E: G. Santerre. 24h on 580/620kHz.
502A) Forestville.
503) C.P. 59, Jonquière, PQ G7X 7V8 — Mgr: A. Soucy; P.D: J.P. Berthiaume; C.E: G. Dumais. 24h(N-1).
504) 405 Ogilvy Ave, Montreal, PQ H3N 1M4 — Mgr: Art Sutherland; P.D: J. Curran; C.E: V. Eccles. 24h(N-1).
505) C.P. 610, New Carlisle, PQ G0C 1Z0 — G.M: A. Houde; P.D: M. D'Aigle. 1100-0500. N: at :15(local 1200-2300), :45(network.)
505A) Box 1150, Gaspé, PQ G0C 1R0. Own prgr's: Mon-Fri 1100-1430.
505B) Murdochville, PQ.
506) 515 Boul. Paquette, Mont-Laurier, PQ J9L 1K9 — G.M: L. Michaud; P.D: J.M. Tremblay; C.E: R.St. Jean. 1200(Sun 1300)-0500 on 610/1340/1400/1490kHz(N-1).
506A) 161 Commerciale, Maniwaki, PQ J9E 1P1 — Mgr: D. Aubé; C.E: M. Riel.
506C) L'Annontiation, PQ.
507) 25 Bryant Str, Sherbrooke, PQ J1J 3Z5 — Mgr: M. Cloutier; C.E: Y. Fortin. 24h(N: at :15, :45).
508) 385 rue Principale, Lachute, PQ J8H 1Y1 — Mgr: J. Senecal; C.E: A. Hourlier. Will part-twin st. 441).
509) C.P. 3000, Ville-Marie, PQ J0Z 3W0 — G.M: C.E. Laverdière; P.D: C. Lebrun; C.E: R. Tasser. 1100(Sat 1300)-0500 on 710/1340kHz(N-1).
509A) C.P. 388, Temiscaming, PQ.
510) 3400 Metcalf Str, Montreal, PQ H3A 1X4 — Mgr: P.E. Beaulne; P.D: P. Legault; C.E: R. Latreille. 24h(N. at :15, :45).
511) 2136 Chemin Ste-Foy, Ste-Foy, PQ. G1V 1R8 — G.M: P. Chamberland; P.D: G. Aubry; C.E: G. Paré. 24h(N-3).
512) 1411 rue du Fort, Montreal, PQ H3H 2R1 — Mgr: R.A. Lucas; C.E: M. Kavanagh. 24h(N-2).
513) 211 Gordon Ave, Verdun, PQ H4G 2R2 — Mgr: M.G. Scott; P.D: M. Thisdel; C.E: M. Rosseau. 24h(N. at :55, :25).
516) 901 Galt Str. East, W. Sherbrooke, PQ J1G 1Y6 — Mgr: H. Delorme; P.D: T. Silver; C.E: T. Theriault.
517) 568 Boul. St-Joseph, Roberval, PQ G8H 2K6 — Mgr: B. Levesque; P.D: G. Gagnon; C.E: M. Bolduc. 24h(N: at :15,:45)
518) 72 rue Laval, Hull, PQ J8X 3H3 — Mgr: M. Paris; P.D: A. Chevalier; C.E: J.C. Duquette. 24h(N: at :15,:45).
519) 1310 Greene Ave, Montreal, PQ H3Z 2B5 — Mgr: Phil Parker; P.D: Rob Braide; C.E: B. Larivée. 24h. **F.Pl:** 990kHz, 50kW.
520) C.P. 4200, Sillery, PQ G1T 1X2 — Mgr: G. Hérard; P.D: L. Provencher; C.E: J. Ruel. 24h(N-1 (netw.), N-2 local).
521) 1350 rue Royal, Trois-Rivières, PQ G9A 4J4 — Mgr: M. Bourget; C.E: D. Goudreault. 24h(N-1 national, N-2 local).
522) C.P. 695, Shawinigan, PQ G9N 6V9 — G.M: P. De Mondehare; P.D: N. Choquette; C.E: R. Loranger. 24h(N-3).
523) 1975 Boul. Wallberg, Dolbeau, PQ G8L 1J5 — Mgr: C. Tremblay; P.D: R. Banford; C.E: G. Gosselin. 24h(N-1).
524) Reseau des Appalaches, C.P. 69, Thetford Mines, PQ G6G 5S3 — Mgr: Mrs. Jeanne Martin; P.D: Mrs. G. Nadeau; C.E: R. Cloutier. 24h on 1230/1330/1340/1380/1400/1420kHz(N: at :45). Network st's have local prgrs Mon-Fri 1200-1430, 1600-1800, 2200-2230; Sat 1300-1830 (CJLP-Disraeli, studio closed).

524A) C.P. 57, Asbestos, PQ J1T 3M9 — Mgr: G. Vachons.
524B C.P. 490, Victoriaville, PQ G6P 6T3 — Mgr: F. Bastien; C.E: J.Y. Fournier.
524C) 3852 Québec Central, Lac Mégantic, PQ G6B 2C6.
524D) 1646 St. Laurent, Plessisville, PQ G6L 2P6 — S.M: G. Bergeron.
525) 3 est rue Principale, Ste-Agathe-des-Monts, PQ J8C 1J2 — Mgr: A. Senez; P.D: P. Paquin; C.E: M. Bellemare. 1100-0600 (N-1).
525A) C.P. 900, St-Jerome, PQ J7Z 5V9
525B) C.P. 490, St-Jovite, PQ J0T 2H0.
526) C.P. 850, La Tuque, PQ G9X 3P6 — Man. Dir. J. Trepanier; P.D: L. Leclerc; C.E: A. Brassard. 1130(Sun 1330)-0430.
527) 552, 3 rue, Suite 202, Chibougamau, PQ G8P 1N9—G.M. & P.D: S. Drolet. Prgr. on 1240/1340kHz. (CFED Chapais).
528) 5 est, Trans-Canada, Levis, PQ G6V 6P5 — G.M: P. Picard; P.D: L. Lebeau; C.E: N. Blondeau. 24h(N-2).
529) 855 Ave Ste-Marie, St-Hyacinthe, PQ J2S 4R9 — Man. Dir: R. Duceppe; P.D: R. Loiselle; CE: L. Caron. 1100-0700(N-3).
530) 65 Sud St- Joseph, Alma, PQ G8B 6V4 — G.M: N. Bergeron; P.D. R. Tucotte; C.E: J.R. Maltais. 24h(N: at :55).
531) 1717 Ea. Dorchester Blvd, Montreal, PQ H2L 4E8 — G.M: Y. Guerard; C.E: C. Bouchard. 24h(N-3).
532) 800 Place d'Youville, Quebec, PQ G1R 4W7 — Mgr: A. Decarie; P.D: D.H. Atkinson; C.E: M. Duval. 24h(N: at :15, :45).
533) 800 Ouest du Phare, Matane, PQ G4W 1V7 — Mgr: C. Lepage; P.D: A.C. Giroux; C.E: J.M. Chouinard. 24h(N-1).
534) 706 4ième ave, Ste 57, La Pocatière, PQ G0R 1Z0—G.M: G. Gosselin; P.D: M. Lévesque; C.E: G. Gelinas. 1100-0500 on 1310/1350/1370kHz(N-2).
534A) St-Pamphile, PQ (Studio closed, will relay 534) or 541).
534B) C.P. 1370, Ville Degelis, PQ G0L 1H0.
535) 59a du Prince, Sorel, PQ J3P 4J5 — G.M: P. Vachon; P.D: D. Caron; C.E: J. Cardin. 1100(Sat/Sun 1300)-0500 (N. at :15, :45).
537) 854 rue Papineau, Joliette, PQ J6E 2L6 — G.M: J.P. Dubois; C.E: P. Cardin. 24h(N-3).
538) C.P. 1360, Ste-Marie-de-Beauce, PQ G0S 2Y0 — G.M: J. Vachon; P.D: R. Savard; C.E: G. Guay. 24h(N-3).
539) 249, rue Victoria, Valleyfield, PQ J6T 1A9 — G.M: J.C. Lefebvre; P.D: Y. Boyer. C.E: Y. Allard. 1100-0500(N-3).
540) 380 Murdoch, Noranda, PQ J9X 1G5 — Mgr: Y. Larivière; P.D: (Network) R. Landry; C.E: J.G. Langevin. 24h on 900/1240/1340/1400kHz. Netw. st's broadcast own prgr's exc. W 2300-0330(N-2).
540A) 1147 3e Ave, Val d'Or, PQ J9P 4B2 — Mgr: G. Veilette; C.E: G. Landry.
540B) 122-5e Ave E, La Sarre, PQ J9Z 2Y1 — Mgr: J.C. Bouchard; C.E: G. Landry.
540C) 69-1re Ave Ouest, Amos, PQ J9T 1T7 — Mgr: M. Bolduc; C.E: G. Landry.
541) 1 rue Frontenac, Rivière-du-Loup, PQ G5R 1R7 — G.M: Luc Simard; P.D: M. Simard; C.E: G. Gelinas. 1100-0500 on 1240/1400/1450kHz.
541A) Cabano, PQ.
541B) Pohenegamook, PQ.
542) Drummondville, PQ — off air.
543) R. Montréal, 35 York Str, Westmount, PQ H3Z 2Z5 — Mgr: A. Mielewczyk; P.D: G. Sisto; C.E: P. Gervais. 24 h in E, F and 20 other languages.
544) 1200 Route 170, Chicoutimi, PQ — G.M: P. Tremblay; P.D: G. Senéchal; C.E: L. Simard. W 1030-0800, Sun 1100-0501.
545) 136 Principale, Granby, PQ J2G 2V4 — Mgr: J.L. Groulx; P.D: L. Gendreau; C.E: R. Labonté. 1100-0500(N-1).
546) C.P. 100, St. George-de-Beauce, PQ G5Y 5C4 — Mgr: J. Venne; P.D: D. Lacombe; C.E: R. Berube. 1100-0500 on 1240/1460kHz.
546A) Lac Etchemin, PQ.
547) No. 1475-2085 Union Str, Pointe Claire, PQ H3A 2C5 (Canada All News R. Headquarters: 55 Sparkes Str, Ottawa, Ont) — Mgr: D. Cadrin; P.D: S. Rae; C.E: P. Laberge. 24h(all news).
548) C.P. 1036, Ville-de-la-Baie, PQ G7B 3N8 — Mgr: R. Laurendeau; P.D: S. Coté; C.E: J.P. Collard(N-3).
549) 2070 St-Georges, Drummondville, PQ J2C 5G6 — G.M: G. Lemieux; P.D: J. Papin; C.E: R. Saillant. 1100-0600(N-3).
550) C.P. 820, St-Anne-des-Monts, PQ G0E 2G0 — Mgr: R. Vallée; P.D: P. Huot. 1100-0610(N-1).
551) C.P. 216, Montmagny, PQ G5V 1K5 — Pres: L. Paquin; Mgr: R. Roy; C.E: R. Blais. 1100-0500.
552) 2655 Ouest rue King, Sherbrooke, PQ J1L 1C1 — G.M: R.A. Paradis; P.D: R. Decourcel; C.E: J.C. Lalancette.
553) 2380 Boul. St.-Martin est, Laval, PQ H7E 5A9 — Mgr: J. Ch. Gilliot; C.E: J.G. Gibault. 24h.
554) 25 rue St-Jacques, St-Jean, PQ J3B 2J6 — G.M: P.P. Elie; P.D: Y. Sauve; C.E: Y. Allard. Daytime only.
555) 875 Bl. St-Germain ouest, Rimouski, PQ G5L 7C3 — Mgr: A. Lecomte; C.E: G. Fournier. 24h(N: at :15, :45).
555A) C.P. 1840, Amqui, PQ G0J 1B0 — Mgr: G. Dufour. 24h (N: at :15, :45).
556) Box 260, Baie-Comeau, PQ G4Z 2H1.
557) relays CBM-940 only. location: Quebec, PQ.

**New Brunswick**

600) Box 217, Fredericton, NB E3B 4Z4 — G.M: J.T.H. Fenety; P.D: J.W. Richards; C.E: D.E. Weeks. 24h(N-1).
601) Box 188, Edmundston, NB E3V 1K2 — S.M: G.A. Lebel; C.E: M. Soucie. Prgr (French and 10% English): 1000(Sat 1100, Sun 1200)-0500 on 570/1490kHz.
602) Box 338, Newcastle, NB E1V 3M4 — Mgr: Ian Byers; C.E: E. Rogers. 0930-0430 (Fri/Sat 0630)(N-1).
603) Box 970, Caraquet, NB E0B 1K0 — Mgr: R. Landry; C.E: R. Marcotte. 1000-0400.
604) Box 70, Woodstock, NB E0J 2B0 — Mgr: B.A. Smith; P.D: Ted Hayward; C.E: D. Finnie. 24h.
605) Box 930, St. John, NB E2L 4E2 — Mgr: R. McLenaghan; P.D: M. Lee; C.E: G. Miller. 24h(N. at :25).
606) Box 340, Campbellton, NB E3N 3G7 — G.M: D. Alberts; C.E: Les Rooke. 24h (N-1).
607) 335 Union Str, St. John, NB E2L 3T4 — Pres: Ken Clark; P.D: Bob Henry; C.E: Bill Piekarski. 24h(N-2).
608) Box 1000 St. George Blvd, Moncton, NB E1E 2E1 — Mgr: S. Gillis; P.D: R. Geoffrey; C.E: R. Oke. 24h on 590/1220kHz.
608A) Box 5900, Sussex, NB — Mgr: Art Noiles. Own prgr's Mon-Fri 1000-2200, Sat 1000-1630, Sun 1200-1600.
609) Box "G", Bathurst, NB E2A 3Z6 — Mgr: Jim Duncan; P.D: A. Hebert; C.E: F. Pitre (English & some French) 1000-0500(N-1).
610) 324 Argyle Str, Fredericton, NB E3B 1T9 — Mgr: J. Pat Donelan; P.D: D. Pond; C.E: R. Cleveland. 24h (N-3).
611) 770 Main Str, Moncton, NB E1E 1E7.

**Prince Edward Island**

700) Box 1060, Charlottetown, PEI C1A 7M8 — Mgr: F. Lewis; P.D: R. McGuire; C.E: W. Corney. 24h.
701) Box 1190, Charlottetown, PEI C1A 7M8 — Mgr. W. Macarthur; P.D: Ron Gillespie; C.E: Les Donaldson. 24h (N-1).
702) 218 Water Str, Summerside, PEI C1N 1B3 — G.M: P.H. Schurman; P.D: J. Perry; C.E: F.L. MacFarlane. 0957(Sun 1245)-0415(N-1).

**Nova Scotia**

800) Box 5800, Antigonish, NS B2G 2R9 — Mgr: D. MacLean; P.D: F. Roach; C.E: D. Holmers. 24h.
801) Box 788, Truro, NS B2N 5E8 — G.M: Roy Publicover; P.D: D. Guy; C.E: K. MacInnis. W 0930 (Sat 1000)-0500, Sun 1100-0400(N-1).
802) Box 1007, Dartmouth, NS B2Y 3Z7 — G.M: C.A. Patterson; P.D: J.D. Cunningham; C.E: J. Hutchison. 24h(N-1).
803) Box 670, Amherst, NS B4H 4B8 — Mgr: F.W. Arenburg; P.D: L. MacPhee; C.E: G. Lewis. 24h.
804) 2885 Robie Str, Halifax, NS B3J 2Z4 — G.M: P. Ski; P.D: D. Wolfe; C.E: W. Labucki. 24h(N-1).
805) 715 Alexandra Str, Sydney, NS B1S 2H3 — Mgr: B. Gibson; P.D: Jay Bedford; C.E: B. Mathews. 24h(N. at :55).
806) Box 400, Halifax, NS B3J 2R2 — Mgr: D. O'Neill; P.D: M. Cranston; C.E: K. Arsenault. 24h(N-1).
807) 215 Dominion Str, Bridgewater, NS B4V 2G8 — Mgr: J.A. MacLeod; P.D: R.A. MacLaren; C.E: P. Richards. 0930(Sat 1000, Sun 1100)-0500. (N-1).
808) Box 1270, Sydney, NS B1P 6K2 — G.M: N.L. Nathanson; P.D: F. Denney; C.E: A. Vernon. 24h(N-1).
809) 84 Provost Str, New Glasgow, NS B2H 2B4 — Mgr: D. Freeman; P.D: Rod Mackey; C.E: P. Lann. 24h(N-1).
810) 328 Main Str, Yarmouth, NS B5A 1E4 — Mgr: G.P. Wyman; P.D: C. Perry; C.E: D. Smith. 1000(Sun 1100)-0415.
811) Box 1410, Port Hawkesbury, NS B0E 2V0 — Mgr: B. Lee; P.D: Bob MacEachern; C.E: B. Orford. 0900-0500 (N-1).
812) Box 310, Kentville, NS B4N 1H5 — Mgr: T.K. Fredericks; P.D: M. Dunn; C.E: H.A.D. Morrison. W 0930-0500, Sun 1100-0400 on 1350/1420/1450/1490kHz. Netw. st's carry local prgrs Mon-Fri 1300-1600 (N-1).
812A) Box 550, Middleton, NS B0S 1P0 — Mgr: Christine Morse.

812B) Box 1420, Digby, NS B0V 1A0 — Mgr: L.H. Everett.
812C) Box 278, Windsor, NS B0N 2T0.

**Newfoundland**
900) Box 2020, Corner Brook, NF A2H 6H5 — G.M: J. O'Rourke; C.E: J. Parsons. 24h on 570/790/910/1230/1340kHz.
900A) Port au Choix, NF. 24h. V: Re. to st. 900).
900B) Box 276, Stephenville, NF A2N 2X9 — Mgr: G. Murphy; C.E: J. Goosney. 24h. Own prgr's Mon-Sat 0930-2130.
900C) Box 1230, Port aux Basques, NF A0N 1C0 — Mgr: G.N. Critchell; C.E: J. Goosney. 24h.
900D) Box 1230, Goose Bay, Lab, NF A0M 1C0 — Mgr. & P.D: M. Aucoin; C.E: C. Sinatra. 1000(Sun 1200)-0500 (N-1). Own prgr's: Mon-Sat 1100-2130.
900E) Box 6000, Wabush, Lab, NF A0R 1B0 — Mgr: J.T. McGrath; P.D: Wm. Drower; C.E: J. Young. 1000-0500 (N-2).
901) Box 8-590, St. John's, NF A1B 3P5 — G.M: J.V. Butler; P.D: J. Murphy; C.E: R. McCausland. 24h on 560/590/620/710/730/1240kHz (N-2). (CKVO Clarenville).
901A) Box 560, Marystown, NF A0E 2M0 — S.M: R.J. Murphy; P.D: G. Myles. C.E: M. Martin.
901B) Box 620, Grand Falls, NF A2A 2K2 — Mgr: J.M. Murdoch; P.D: J. Coady; C.E: H.G. Feltham (CKIM Baie Verte).
901C) Box 730, Gander, NF — Mgr: Roy Butt
901D) Box 1-850, Carbonear, NF A0A 1T0.
902) Box 7430, St. John's, NF A1E 3Y5 (belongs to the Wesley United Church) — Mgr. & P.D: E. Hudson; C.E: Reg McCausland. Mon-Fri 1230-1630, 2300-0300 (Fri 0500), Sat 1400-0430, Sun 1230-0300. 30% rlg, non-comm.
903) Box 6180, St. John's, NF A1C 5X8 — G.M: C. Jamieson; P.D: P. Murphy; C.E: R. Zeidler; S.M: R. Pope. 24h on 610/670/680/930/1350kHz (N-3).
903A) Box 189, Grand Bank, NF A0E 1W0 — G.M: R. Harris; P.D: K. Elliott; C.E: D. Neal. Own prgrs: Mon-Fri 0900-2130, Sat 0930-1630.
903C) Box 810, Grand Falls, NF A2V 2M4 — Mgr: M. Roberts; P.D: S. Saunders; C.E: B. Whitehorne.
903D) Box 323, Gander, NF — S.M: D.J. Wheeler; C.E: D. Stewart (CHYQ-Musgravetown).
903E) Box 970, Harbour Grace, NF A0A 2M0 — C.E: D. Neil.
905) 106 Freshwater Rd, St. John's, NF A1C 2N8 — Mgr: T. Humphries; P.D: L.C. Burns; C.E: B. Matthews. 1030-0230. Rlg (Seventh-Day Adventist Church) (N-1).
906) Corner Brook, NF (under construction).

**AFRTS**
Box 2, Argentia, NF or FPO, New York, NY 09597 — S.M: K.K. Kalish. 1480kHz 50W: 1000 (Sat/Sun 1030)-0230 (Sun 0130). N. on the h. — Goose Bay, NF. 640kHz.

## GREENLAND (Danish Territory)

**L.T:** UTC-3h (exc. Scoresbysund UTC-1h). (Su: add one hour, exc. Thule area) — **PrL:** Greenlandic, Danish.
**E.C:** (Nuuk): a/c 50, 220/380V (no).

**NB:** Nuuk is the Greenlandic name for the capital, Godthåb.

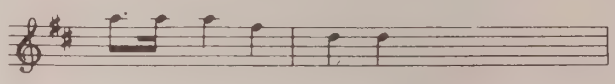
### KALAALLIT NUNAATA RADIOA (Gov.)
**ADDR:** Kalaallit Nunaata Radioa, P.O. Box 1007, DK-3900 Godthåb. **Te:** 21172. **Cable:** Grønradio. **Telex:** 90606. presse gd.
**L.P:** Man. Dir: Peter F. Rosing. Dir. Prgr: Niels Henrik Lynge. Dir. N: Atina Egtorp. Dir. Tec: Kaj. Sivertsen.

| Mediumwaves | kHz | kW | | kHz | kW |
|---|---|---|---|---|---|
| Nuuk | 570 | 5 | Upernavik | 810 | 5 |
| Godhavn | 650 | 5 | Umanak | 900 | 5 |
| Simiuttag | 720 | 5 | Thule | 990 | 5 |
| (by Julianahåb) | | | Angmagssalik | 1080 | 5 |

**FM** (all 0.05kW exc. Qeqertat & Sdr. Strømfjord 10W, Pingo 1W).

| Location | MHz | Location | MHz |
|---|---|---|---|
| Nuuk | 90.5 | Egedesminde | 95.5 |
| Holsteinsborg | 95.0 | Julianehåb | 95.5 |
| Nanortalik | 95.0 | Narssarssuaq | 95.5 |
| Qaanaq (a) | 95.0 | Qeqertat (b) | 95.5 |
| Sarqaq (b) | 95.0 | Sukkertoppen | 95.5 |
| Augpilatoq | 95.5 | | |
| Angmagssalik | 96.0 | Scoresbysund | 96.0 |
| Frederiksdal | 96.0 | Sdr. Strømfjord | 96.0 |
| Jakobshavn | 96.0 | Frederikshåb | 96.25 |
| Kangamiut | 96.0 | Itivdleq (c) | 97.0 |
| Sarfanquaq (c) | 96.0 | Pingo (d) | 97.0 |

a) by Thule; b) by Jakobshavn; c) by Holsteinsborg; d) by Sukkertoppen.
**Shortwave:** Nuuk (G.C: 52.00W/64.00N): 3999kHz 1kW (dipole).
**HOME SCE:** W 1000-0300, Sun 1100-0205. **N:** 1015 & 1115 (Mon-Fri), 1515 (W), 1530 (W), 2000 (Mon-Fri), 2130, 2200, 0130, 0200 — **Wrp:** 1000 (W), 1100 (Sun), 1600 (Sun), 2100 (W), 2145 (Sun), 0200 — **Rlg:** 1005 (W), 1300 (Sun).
**Reg. Prgr:** Mon-Fri 1930-2000: Avannaata Radioa (Northgreenland Radio, Jakobshavn); Mon-Fri 2015-2045: Kujataata Radioa (Southgreenland Radio, Julianehåb).
**ANN:** "Kallaallit-Nunaata Radioa . . . Grønlands Radio . . ."
**INT-SIG:** "Sunnia Kalippoq" (The Whaleboat "Sonja" drags whale) played on celeste.



**V.** by QSL-folder. Rec. preferred. Re. to Thomas S. Mikkelsen.

### AFRTS (US Air Force)
1) Thule — **FM:** 96.1/102.1MHz.
**Addr:** Det. 1, AF Arctic Broadc. Squadron (AFABS), APO NY 09023, USA — 24h on 102.1MHz. **N:** on the h. (on 96.1MHz 24h rel. of AFRTS Los Angeles).
2) Søndre Strømfjord — **FM:** 96.1/102.1MHz.
**Addr:** OLA Det. 1, AFABS, APO New York 09121, USA — 24h on 102.1MHz. **N:** on the h. (on 96.1MHz: 24h rel. of AFRTS Los Angeles).

### THULE AIR BASE FM RADIO
(non-commercial)
**ADDR:** Radio 50Z20, DAC Postbox nr.1117, DK-3970 Dundas.
**L.P:** St. Mgr: Leif Kurt Christensen. Asst. Mgr: John Wendt.
**STATION:** 97.1MHz 0.15kW.
**D.PRGR:** 24h. News, music and entertainment for personnel at the Thule Air Base.

## ST. PIERRE ET MIQUELON

## (French)

**L.T:** UTC − 3h — **Pr.L:** French — **E.C:** a/c 50, 220V.

### RADIO TÉLÉVISION FRANÇAISE D'OUTRE MER (RFO)
**ADDR:** B.P. 1227, 97500 St. Pierre et Miquelon. **Te:** (19.594) 413829. **Telex:** FRTSPM 020428 QN.
**L.P:** Dir: Bernard Avran. Head of N: Alain Lucas. Head of Prgrs: Chaussy d'Embrun.
**STATIONS:** St. Pierre 1375kHz 20kW + FM: 97.9MHz 1.5kW; Miquelon 98.9/99.9MHz (both 0.05kW).
**D.PRGR. in French:** 0930 (Sun 1000)-0145.
**N:** 1000, 1030, 1130, 1530, 2000, 2200 — **Wrp:** 1015, 1115, 1515, 1915.
**ANN:** "Ici RFO, Station de Saint-Pierre et Miquelon".
**INT-SIG:** La Marseillaise — **V.** by letter (A).

**IMPORTANT NOTICE**

**The *only* address for all *editorial* correspondence to WRTH is:**
**Søliljevej 44 (or P.O. Box 88)**
**DK-2650 Hvidovre,**
**Denmark**

**Please do not send editorial correspondence to any other address.**

# UNITED STATES OF AMERICA

**L.T:** See World Time Table — **Pr.L:** English.

## GOVERNMENT AGENCY: THE FEDERAL COMMUNICATIONS COMMISSION

**(FCC)** — the licensing agency for broadcast stations.
**ADDR:** 1919 M Street, N.W., Washington, D.C. 20554.
**L.P:** Chmn: Mark S. Fowler. Man. Dir: Edward J. Minkel. Chief Mass Media Bureau: James C. McKinney.
The FCC is an independent Federal agency composed of five Commissioners appointed by the President with the consent of the Senate. One of its major activities is the general regulation of broadc, visual as well as aural. This regulation may be divided into three phases: 1) The allocation of spectrum space to the different types of broadcast services; 2) consideration of applications to build and operate individual stations; 3) regulation of their operations.

**Call letters:** International agreement provides for the identification of the radio station by the first letter or first two letters of its assigned call signal and for this purpose apportions the alphabet among different nations. USA nations use the initial letters K, N and W exclusively, and part of the A series. For broadcast stations call letters beginning with K are assigned to stations west of the Mississippi River and in the territories and possessions, while W is assigned to broadcast stations east of the Mississippi.
**Note:** A few exceptions will be noted, namely stations on the East Coast using a "K" callsign. These are old calls retained by special permission.

### TOTAL LICENSES AND CONSTRUCTION PERMITS
**as of June 30, 1984**

| Service | Licenses | Construction Permits | Total |
|---|---|---|---|
| AM | 4749 | 178 | 4927 |
| FM | 3610 | 429 | 4039 |
| Educational FM | 1153 | 167 | 1320 |
| FM Translators & Boosters | 863 | 456 | 1319 |
| UHF-Commercial TV | 357 | 234 | 591 |
| VHF-Commercial TV | 539 | 23 | 562 |
| UHF-Educational TV | 173 | 27 | 200 |
| VHF-Educational TV | 112 | 5 | 117 |
| UHF-TV Translators | 1924 | 290 | 2214 |
| VHF-TV Translators | 2883 | 180 | 3063 |
| UHF-TV Low Power | 196 | 85 | 281 |
| UHF-TV Low Power | 87 | 176 | 263 |
| Total | 16.646 | 2.250 | 18.896 |

## ABC RADIO NETWORK
(A division of the American Broadcasting Company).
**ADDR:** 1330 Avenue of the Americas, New York, NY 10019.
**L.P:** Pres: ABC R. Net: Edward F. McLaughlin; For executives of parent company: see television listings.
**ABC-Owned Stations** (Pres: Charles DeBare): AM: WABC, New York; KABC, Los Angeles; KGO, San Francisco; WXYZ, Detroit; WLS, Chicago; WMAL, Washington.
**FM:** (Pres: Martin Greenberg): WPLJ, New York; KLOS, Los Angeles; WLS-FM, Chicago; KGO-FM, San Francisco; WRIF, Detroit; KSRR, Houston; WRQX, Washington.

## CBS RADIO NETWORKS
(A division of CBS, Inc.)
**ADDR:** 51 W. 52nd Str, New York, N.Y. 10019
**L.P:** Pres: Robert Hosking, Snr. Vice Pres: Richard Brescia. Vice Pres. & Gen. Mgr. CBS R. Network: Michael Ewing, Vice-Pres. & Gen. Mgr. RADIORADIO: Robert Kipperman. Dir. Sales (CRN): Stephen Youlios. Dir. Sales (RR): Lee Stacey. Vice-Pres. CBS-owned AM-st's: Eugene Lothery. Vice-Pres. CBS-owned FM-st's: Robert Hyland. Vice-Pres. Affiliate Rel: Cornelius Knox.
**CBS Owned and Operated AM Stations:** WCBS/Newsradio New York; KNX/Newsradio Los Angeles; WBBM/Newsradio Chicago; KCBS/Newstalk Radio San Francisco; WCAU/Newstalk Radio Philadelphia; KMOX/Newstalk Radio St. Louis.
**FM-Stations:** WCBS-FM New York; KHHR Los Angeles; WBBM-FM Chicago; KRQR-FM San Francisco; WCAU-FM Philadelphia; KHTR St. Louis; WHTT Boston.

## NBC RADIO
(A division of National Broadc. Co.)
**ADDR:** 30 Rockefeller Plaza, New York, N.Y. 10020.
**L.P:** Pres: Michael Eskridge. Exec. Vice-Pres. Radio: Robert Mounty. Vice-Pres. Radio News: Jim Farley. Vice-Pres. Sales (NBC R. Network/Source Network): Kevin Cox.
**NBC Radio Network**
**L.P:** V.P. & Gen. Mgr: Richard Penn.
**Source Network**
**L.P:** V.P. & Gen. Mgr: Meddy Woodyard.
**NBC-owned stations:** AM: WNBC New York; WMAQ Chicago; KNBR San Francisco; FM: WYNY New York; WKQX Chicago; WKYS Washington; KYUU San Francisco; WJIB Boston.

## RKO RADIO NETWORKS
(A division of RKO General, Inc.)
**ADDR:** 1440 Broadway, 5th Floor, New York, NY 10018.
**L.P:** Pres: Thomas F. Burchill. Vice-Pres. & Dir. N: Dave Cooke. Controller: Frank Musumeci. Dir. Affiliate Sces: Thom Gatewood, Peter Marcus. Vice-Pres. & Dir. Sales: Kevin Lyons. Vice-Pres. & Dir. Eng: Joseph Maguire. Vice-Pres. & Dir. Creative Sces: Pamela J. Hamilton. Dir. Research: Cindy Schroeder.

**RKO-owned AM Stations:** WOR New York; WRKO Boston; WGMS Washington; KHJ Los Angeles; KFRC San Francisco; WHBQ Memphis.
**FM:** WRKS-FM New York; WROR-FM Boston; WGMS-FM Washington; WFYR-FM Chicago; KRTH-FM Los Angeles; WAXY-FM Ft. Lauderdale.

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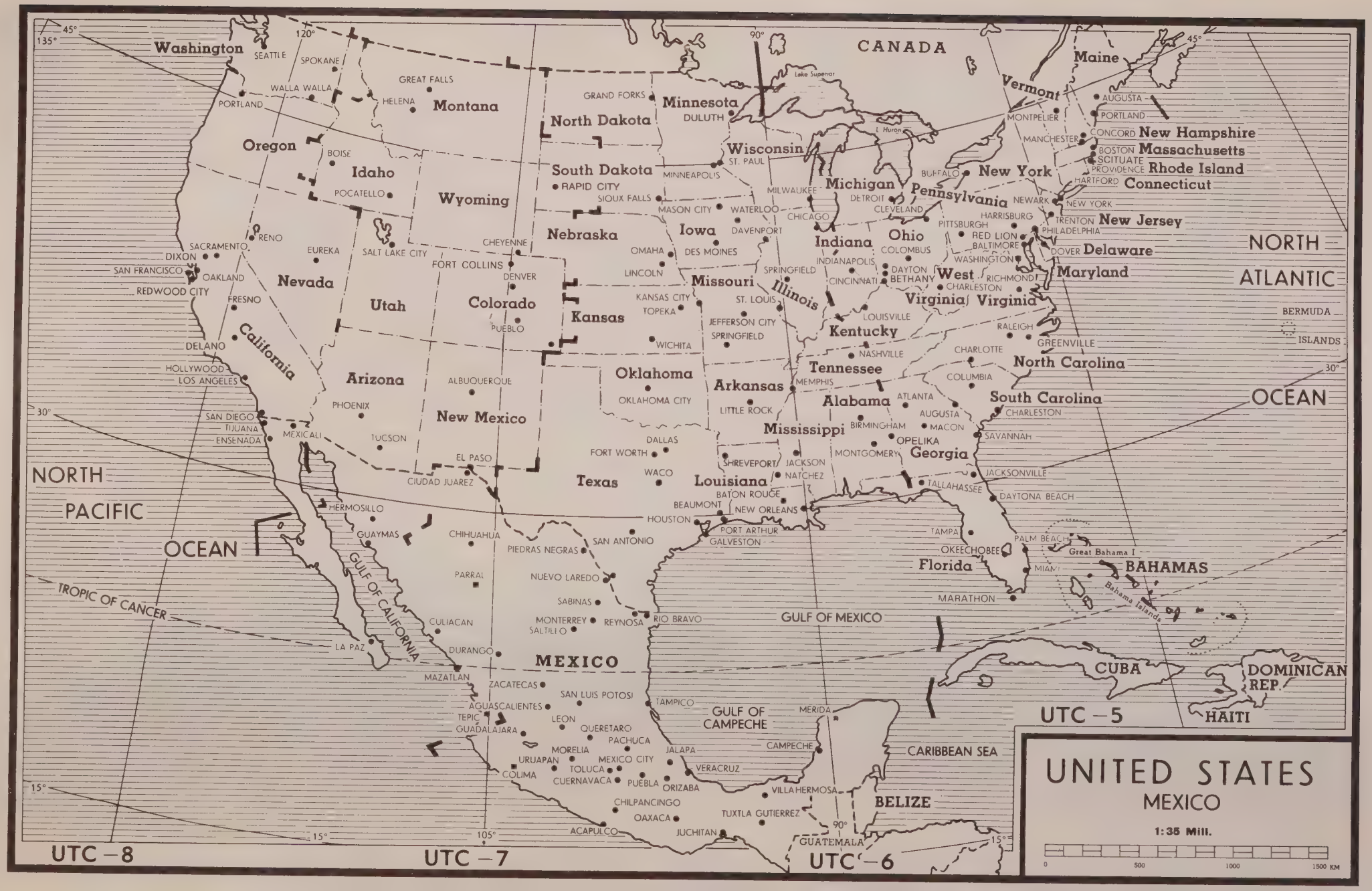
**Te:** (202) 293-3500.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## COMMERCIAL STATIONS

Especially in multi-station markets, radio stations concentrate their programming to appeal to a given segment of the population or a given listening taste. Many stations devote their entire broadcast day to news and/or talk programs. Others specialize in hit music (Contemporary popular, Top 40), country music, oldies (e.g. hits of the fifties and sixties), big band/standards, black (jazz, rhythm & blues), religious services and inspirational music, classical music, ethnic programs (e.g. programs entirely in Spanish).

AM stations concentrate on spoken word, older music, country music and religion. Hit music generally has moved to FM.

A new development is the increased use of satellite communications, not only for news/talk programs, but also for musical program networks. Stations making extensive use of network programming pose a special problem to the DXer, since there may be as little as only one local identification an hour, usually on top of the hour. On the technical side several stations have lost their more or less exclusive rights to their respective frequencies ("clear channels"), and such frequencies now are also being allocated to stations requiring a frequency change and/or transmission time extension (i.e. from daytime or limited time to full time). Instead all plans for "super power" stations have been abandoned. A few stations have been granted temporary licenses for increased powers to combat interference from neighboring countries. Many daytime stations will be allowed to operate after local sunset on low powers.

**Mediumwaves.** Stations less than 10kW not mentioned. Times in **UTC** (except for "Daytime" which refers to local sunrise to sunset). For a more comprehensive list of stations please refer to the table at the back of this book, where most of the important details are to be found.
*=Presunrise Service Authority. A daytime station with a PSA may operate from 0600 local time to local sunrise with low power when local sunrise occurs later than 0600.
**Stereo:** Roughly 20-25% of all AM stations are, or plan to be, operating in stereo. At present four mutually non-compatible systems are in use.
**Obs:** Calendar days refer to local time — St. 256) Gov.
**Powers:** Where a second power is mentioned this refers to early morning/late afternoon operation for daytime st's. For full time stations this appears as the middle one of three power levels.

**N.B.:** Hawaii and Alaska are listed separately.

| Call | kW | H. of tr |
|---|---|---|
| **540kHz** | | |
| 1) WGTO | 50/10/1 | 24h |
| **640kHz** | | |
| 2) KFI | 50 | 24h |
| 3) KGVW | 10/1 | F.Pl. |
| 4) WMSO | 10/1 | |
| **650kHz** | | |
| 5) WSM | 50 | 24h |
| 6) W . . . | 50/1 | |
| 7) KTNN | 50 | |
| 8) KGDP | 10/1 | |
| 9) WNBC | 50 | 24h |
| 10) WESC | 10/5 | Daytime* |
| **680kHz** | | |
| 22) WDBC | 10/1 | 1000 (Sun 1100)-0500 |
| **690kHz** | | |
| 23) WVOK | 50 | Daytime |
| 24) WAPE | 50/10 | 24h |
| 25) KGGF | 10/5 | 1100 (Sun 1200)-0603 |
| 26) KHEY | 10 | 24h |
| 27) WZAP | 10 | Daytime |
| 28) WTIX | 10/5 | 24h |
| **700kHz** | | |
| 29) KVOI | 10/1 | |
| 30) KRMW | 50/1 | |
| 31) WLW | 50 | 24h |
| 32 KFAM | 50/1 | 24h |
| 33) KGRV | 25/0.5 | 24h |
| 34) KTMI | 10/1 | 24h |
| **710kHz** | | |
| 35) KMPC | 50/10 | 24h |
| 36) KFIA | 10/2.5 | |
| 37) WGBS | 50 | 24h |
| 38) KEEL | 50/5 | 24h |
| 39) WHB | 10/5 | 24h |
| 40) WOR | 50 | 24h |
| 41) KGNC | 10 | 24h |
| 42) WQBX | 10 | Daytime* |
| 43) KIRO | 50 | 24h |
| 44) WDSM | 10/5 | 24h |
| **720kHz** | | |
| 45) WGN | 50 | 24h |
| 46) KDWN | 50 | 24h |
| **740kHz** | | |
| 47) WBAM | 50 | Daytime |
| 48) KBRT | 10 | Daytime |
| 49) KCBS | 50 | 24h |
| 50) WGSM | 25/1 | Daytime |
| 51) WPAQ | 10/1 | Daytime |
| 52) KRMG | 50/25 | 24h |
| 53) KTRH | 50 | 24h |
| **750kHz** | | |
| 54) WSB | 50 | 24h |
| 55) KMMJ | 10 | Daytime* |
| 56) K... | 10/1 | |
| 57) KXL | 50/10 | 24h |
| 58) KERR | 50/1 | 1200-0800 |
| 59) KOAL | 10 | NH |
| **760kHz** | | |
| 60) WJR | 50 | 24h |
| 61) KSJL | 50/1 | 1200-0800 |
| 62) KFMB | 50 | 24h |
| **770kHz** | | |
| 63) WJMW | 10/0.5 | |
| 64) WKZY | 10/1 | |
| 65) KOB | 50 | 24h |
| 66) WABC | 50 | 24h |
| **780kHz** | | |
| 67) WBBM | 50 | 24h |
| 68) KROW | 50 | 24h |
| **780kHz** | | |
| 69) WJXL | 50/0.5 | |
| 70) KGO | 50 | 24h |
| 71) KCMO | 50/10 | 24h |
| 72) WGY | 50 | 24h |
| 73) WSJC | 50/0.5 | 1000 (Sun 1200)-0600 |
| 74) WJJQ | 10 | Daytime* |
| 75) KTBI | 10 | Daytime* |
| **820kHz** | | |
| 76) WBAP | 50 | 24h |
| **830kHz** | | |
| 77) KGLR | 50/1 | new |
| 78) WCCO | 50 | 24h |
| **840kHz** | | |
| 79) WHAS | 50 | 24h |
| 80) KJTA | 50/1 | |
| **850kHz** | | |
| 81) WYDE | 50/1 | 24h |
| 82) KOA | 50 | 24h |
| 83) WCGY | 50/1 | 24h |
| 84) WHDH | 50 | 24h |
| 85) WJYV | 10 | Daytime |
| 86) WHIG | 50 | Daytime* |
| 87) WKIX | 50/5 | 24h |
| 88) WJW | 10/5 | 24h |
| 89) WJAC | 10 | 24h |
| 90) KTAC | 10/1 | 24h |
| 91) WWJC | 10 | Daytime |
| 92) KEYH | 10 | Daytime* |
| **860kHz** | | |
| 93) KTRB | 10/1 | 24h |
| 94) KKOW | 10/5 | 24h |
| 95) WOAY | 10/5 | Daytime |
| 96) WTEL | 10 | Daytime |
| 97) KWHO | 50 | Daytime |
| **870kHz** | | |
| 98) WWL | 50 | 24h |
| 99) WKAR | 10 | Daytime |
| 100) KORD | 10/0.25 | 24h |
| **880kHz** | | |
| 101) K... | 10/5 | |
| 102) KJJR | 10/0.5 | 24h |
| 103) WCBS | 50 | 24h |
| 104) KRVN | 50 | 24h |
| 105) WRFD | 50 | Daytime |
| 106) KIKR | 10/0.5 | |
| 107) KIXI | 50/1 | 24h |
| **890kHz** | | |
| 108) KPTO | 50/1 | |
| 109) WLS | 50 | 24h |
| 110) KDXU | 10 | 1300-0700 Sun 1500-0500 |
| **940kHz** | | |
| 111) KFRE | 50 | 24h |
| 112) WINZ | 50/10 | 24h |
| 113) WMAZ | 50/10 | 24h |
| 114) KBRE | 10 | Daytime* |
| 115) WCPC | 50/0.25 | 1100-0500 |
| **650kHz** | | |
| 11) KSKY | 10 | Daytime* |
| **670kHz** | | |
| 12) WMAQ | 50 | 24h |
| 13) KBOI | 50 | 24h |
| **680kHz** | | |
| 14) KKYX | 50/10 | 24h |
| 15) KNBR | 50 | 24h |
| 16) WCNN | 25/10 | 24h |
| 17) WCBM | 10/5 | 24h |
| 18) WRKO | 50 | 24h |
| 19) WPTF | 50 | 24h |
| 20) WKDJ | 10/5 | 24h |
| 21) WCAW | 50/0.25 | 1100-0600 |

**940kHz**

116) KIOA 50/5 24h
117) WYLD 10/0.5 24h
118) WFNC 50/1 24h
119) WKGM 10 Daytime

**990kHz**

120) KTKT 10/1 24h
121) KKIS 25 24h
122) KWAM 10 Daytime
123) WHOO 50/10/5 24h
124) WCEL 10 Daytime
125) WVSC 10 Daytime
126) WZZD 50/10 24h
127) WLKW 50 Daytime
128) WNOX 10 24h
129) KGTM 10/1 24h

**1000kHz**

130) WTAK 10/5 Daytime
131) WCFL 50 24h
132) WKYB 10/5 Daytime
133) KXRB 10 Daytime*
134) KOMO 50 24h
135) KKIM 10 Daytime*
136) KRDZ 10/5 Daytime

**1010kHz**

137) KLRA 10/5 24h
138) KIQI 50/5 (F.PI: 25/10kW)
139) WCBF 50 Daytime*
140) WCNU 10 Daytime
141) WGUN 50/10 Daytime
142) WMOX 10/1 1030-0600
143) KXEN 50 Daytime
144) WINS 50 24h
145) WFGW 50/10 Daytime
146) KBBW 10/2.5 24h
147) KTLE 50/2.5 Daytime
148) WBIX 10 Daytime

**1020kHz**

149) KTNQ 50 24h
150) WJEP 10 Daytime
151) KBCQ 50 1200-0700
152) KDKA 50 24h
153) KYXE 10/0.5

**1030kHz**

154) KHOG 10/1
155) KHWY 50/1
156) KXZI 50/1
157) WBZ 50 24h
158) KCTA 50 Daytime
159) KTWO 50 24h
160) WXSS 50/10/

**1040kHz**

161) WKAO 10/1
162) WSKE 10/2.5 Daytime
163) WHO 50 24h

**1050kHz**

164) WHN 50 24h

**1060kHz**

165) KPAY 10 24h
166) WNOE 50/5 24h
167) WTTP 25/2.5 24h
168) KBGN 10 Daytime*
169) WAMT 10/5 1000-0600 (Sun 0500)
170) KYW 50 24h
171) KLMO 10 Daytime*
172) KGFX 10/1 24h
173) KHYM 10 Daytime*
174) KRSP 10/1 24h
175) KAMA 10 Daytime*

**1070kHz**

176) WJKK 10 Daytime*
177) WAPI 50/5 24h
178) WFLI 50/1 24h

**1070kHz**

179) KNX 50 24h
180) WANM 10 Daytime
181) WIBC 50/10 24h
182) KFDI 10/1 24h
183) WNCT 10 24h
184) KMOM 10/2.5
185) WDIA 50/5 24h
186) WTSO 10/5 24h
187) WKOK 10/1 1100 (Sun 1200)-0703
188) WHYZ` 50 Daytime*
189) KRBE 10/5 24h
190) WEEP 50/2.5 F.PI.

**1080kHz**

191) KSCO 10/5 24h
192) WTIC 50 24h
193) KWJJ 50/10 24h
194) WFIV 10/2.5
195) KRLD 50 24h
196) WJYA 10 Daytime
190) WEEP 50/25 Daytime*
197) WVCG 50/10 24h
198) WCII 10/1 24h
199) WKKQ 10
200) KVNI 10/1 1400-0710 (Sun 1500-0610)

**1090kHz**

201) KAAY 50 24h
202) KKBB 50/1 24h
203) KING 50 24h
204) KNCR 10 Daytime
205) WSLG 10 Daytime
206) KRZY 50/2.5 24h
207) WBAL 50 24h

**1100kHz**

208) KFAX 50 24h
209) KREX 50/10 1300-0700

**1100kHz**

210) WHLI 10 Daytime
211) WWWE 50 24h

**1110kHz**

212) KHAC 10/0.25 Daytime
213) KAKA 10 Daytime
214) KRLA 50/10 24h
215) WTIS 10 Daytime*
216) KFAB 50 24h
217) KBND 25/5 W 1400-0700 Sun 1500-0600
218) WBT 50 24h
219) WBCA 10/2.5 Daytime
220) WJML 10 Daytime
221) WZAM 50 Daytime

**1120kHz**

222) KMOX 50 24h
223) KPNW 50 24h

**1130kHz**

224) KSDO 50/10 24h
225) KWKH 50 24h
226) KQTI 10 Daytime
227) KBMR 50/10 Daytime
228) WCXI 50/10 24h
229) WDGY 50/25 24h
230) WNEW 50 24h
231) WISN 50/10 24h
232) WMGA 10/0.25 1030-0405
233) WLBA 10 Daytime*

**1140kHz**

234) KRAK 50 24h
235) KCMJ 10/5 1400-0805
236) WIXC 25/2.5 Daytime
237) WQBA 50/10 24h
238) KGEM 10 24h
239) KSOO 10/5 24h
240) WRVA 50 24h
241) KMJJ 10/2.5 24h
242) KMMZ 10 Daytime
243) WASG 10/5 Daytime*

**1160kHz**

244) WJJD 50/10 24h
245) WTYN 10/1
246) KSL 50 24h

**1170kHz**

247) WCOV 10/1 24h
248) KCBQ 50/5 24h
249) KVOO 50 24h
250) WXAX 10 Daytime
251) WWVA 50 24h
252) KLOK 50/5 24h
253) KPUG 10/5 24h
254) WAMB 25/1 Daytime (F.PI: 1160 kHz 50/1kW full time)

**1180kHz**

255) WHAM 50 24h
256) "VOA" 50
257) KOFI 50 24h
258) KBWA 10/1 1300-0500
259) KERI 10/1
260) WKKE 10/0.5 -0600

**1190kHz**

261) KEZY 10/1 24h
262) KEX 50 24h
263) KLIF 50/5 24h
264) WANN 50 Daytime
265) WLIB 10 Daytime + 1h after sunset
266) WOWO 50 24h
267) WBDY 10 Daytime

**1200kHz**

268) KFNW 10/1
269) WOAI 50 24h

**1210kHz**

270) K... 10/1
271) WDGR 10/2.5 1030-0400

**1210kHz**

272) WCAU 50 24h
273) WKNX 10 Daytime*
274) KGYN 10 1130 (Sun 1300)-050
275) KCLG 10/0.25
276) KASY 10/1
277) KREW 10/1 1400 (Sun 1530)-060
278) KOJO 25/1

**1220kHz**

279) WGAR 50 24h

**1230-1490kHz**

All st's 5kW or less

**1500kHz**

280) KHTT 50/5 24h
281) WTOP 50 24h
282) WLQV 50/5 24h
283) KSTP 50 24h
284) KROQ 10/1 24h
285) WSMX 10/1 Daytime

**1510kHz**

286) KIRV 10 Daytime
287) KDJQ 10 Daytime*
288) KDKO 10/5 24h
289) WNLC 10/5
290) WLAC 50 24h
291) KGA 50 24h
292) WAUK 10 Daytime*
293) KNSE 10/1 24h
294) WMRE 50 24h
295) KCCV 10 Daytime*
296) WRAN 10/0.5 24h
297) KEAM 10 Daytime
298) KZZI 10 Daytime

**1520kHz**

299) KACY 50/1 24h

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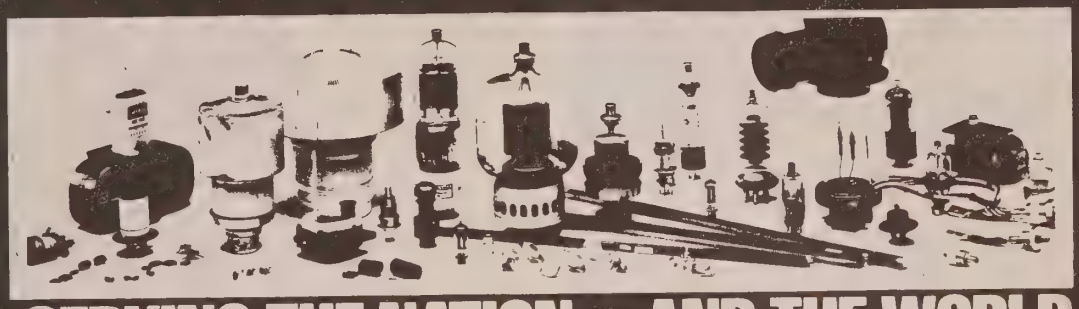

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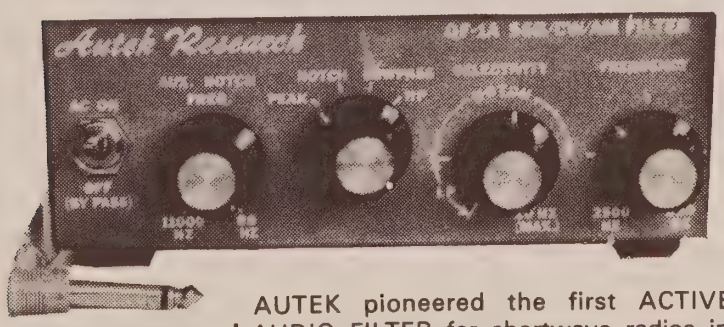


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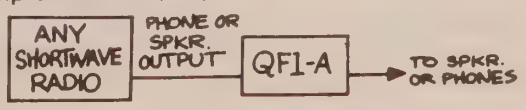


EASY FILTER HOOKUP

*Autek Research*
Box 302 Dept. M, Odessa, Florida 33556

**1520kHz**

| | | |
|---|---|---|
| 300) WGNB | 10/1 | |
| 301) WKBW | 50 | 24h |
| 302) KOMA | 50 | 24h |
| 303) WPOE | 10 | Daytime |
| 304) KYXI | 50/10 | 24h |
| 305) KXKW | 10/0.5 | 1125-0600 |
| 306) KOLM | 10 | Daytime* |
| 307) WKJR | 10/5 | |

**1530kHz**

| | | |
|---|---|---|
| 308) WDJZ | 10 | Daytime |
| 309) KFBK | 50 | 24h |
| 310) WRBX | 10 | Daytime |
| 311) WCKY | 50 | 24h |
| 312) KGBT | 50/10 | 24h |
| 313) WTTI | 10 | Daytime |
| 314) WRXV | 10 | Daytime |
| 315) WRPM | 10/1 | Daytime* |
| 316) KUUY | 10/1 | 1300-0705 |
| 317) WCRJ | 50 | Daytime |

**1540kHz**

| | | |
|---|---|---|
| 318) KUQQ | 50/1 | 24h |
| 319) KMFO | 10 | Daytime |
| 320) KZLA | 50/10 | 24h |
| 321) KXEL | 50 | 24h |
| 322) WPTR | 50 | 24h |
| 323) WQCC | 10 | Daytime* |
| 324) WPGR | 50 | Daytime* |
| 325) KASA | 10 | Daytime |
| 326) WKIE | 10 | Daytime* |
| 327) WTBI | 10/1 | Daytime |

**1550kHz**

| | | |
|---|---|---|
| 328) WAAY | 50/0.5 | 24h |
| 329) KKHI | 10 | 1400-1000 (Sun 0800) |
| 330) KRGO | 10/0.5 | 24h |
| 331) WRHC | 10/5 | 24h |
| 332) WMOO | 50 | Daytime* |

**1550kHz**

| | | |
|---|---|---|
| 333) KQXI | 10 | Daytime* |
| 334) KOKA | 10/0.5 | 24h |
| 335) KQWB | 10/5 | 24h |
| 336) WBSC | 10/5 | W 1100-0500 |
| 337) WOKJ | 50/10 | 0945 (Sun 1200)-0700 (Sat/Sun 0600) |
| 338) WYOU | 10 | Daytime* |
| 339) WYNX | 50/0.5 | 24h |
| 340) KUAT | 50 | Daytime |
| 341) WNTN | 10 | Daytime |
| 342) WKBA | 10 | Daytime |
| 343) KISK | 10 | Daytime |
| 344) KVAN | 10 | 24h |
| 345) KLFE | 10 | 1300-0800 |
| 346) KXXR | 10/2.5 | |

**1560kHz**

| | | |
|---|---|---|
| 347) WWGM | 10 | Daytime* |
| 348) KPMC | 10 | W 1200-1000, Sun 1300-0800 |
| 349) KLLV | 10 | Daytime |
| 350) WQXR | 50 | 24h |
| 351) WPAD | 10/5 | 24h |
| 352) KKAA | 10/5 | 24h |
| 353) WXTR | 25 | Daytime* |
| 354) WAGL | 50 | Daytime* |
| 355) WTRQ | 10 | Daytime* |
| 356) KQYX | 10 | Daytime* |

**1580kHz**

| | | |
|---|---|---|
| 357) KDAY | 50 | 24h |
| 358) KNIX | 50/10 | 24h |
| 359) WBBE | 10 | Daytime |
| 360) WLIM | 10/5 | Daytime |
| 361) WPGC | 50 | Daytime |
| 362) WSRF | 10/5 | 24h |
| 363) KZIA | 10 | Daytime |
| 364) WJIK | 10/5 | Daytime |

**Addresses and other information**

G.M = General Manager; P.D = Program Director; C.E = Chief Engineer; S.M = Station Manager; Op's = Operations; N-1 = News on the h; N-2 = News on the half h; N-3 = News on the h and half h; MoR = Middle-of-the-Road music; MYL = Music of Your Life; C&W = Country & Western music; RR = Rock'n'Roll; RB = Rhythm & Blues; Cont = Contemporary (Current hits); Pop = popular.

**Verifications:** The details of the verification policies often vary and thus are omitted here. Most all stations will verify correct reports of reception over exceptional distances. Rp is often appreciated if in form of mint stamps or stamped, self-addressed envelope.

**News:** Additional newscasts often during drive hours e.g. (N-3).

1) Box 123, Cypress Gardens, FL 33880 — Mgr: R. Bennick; P.D: J. Weat; C.E: R. Parker. C&W (N: at :55).
2) Box 76860, Los Angeles, CA 90076 — G.M: Don Dalton; P.D: J. Kaye; C.E: M. Collins. Top 40 (N: at :55).
3) Box 400, Belgrade, MT 59714.
4) Box 447, Collierville, TN 38017.
5) Box 100, Nashville, TN 37202 — Mgr: T. Griscom; P.D: H. Hensley; C.E: C. Burch. C&W (N-1).
6) Fairhope, AL.
7) Box 308, Window Rock, AZ 86515.
8) Santa Ynex, CA 93460.
9) 30 Rockefeller Plaza, New York, NY 10020 — G.M: Dom Fioravanti; P.D: K. Metheny; C.E: W. Krause. Adult cont.
10) Box 660, Greenville, SC 29602 — G.M: J.Y. Davenport; P.D: D. Gilbert; C.E: Don Gowens. C&W.
11) Hotel Stoneleigh, 2927 Maple Ave., Dallas, TX 75201 — Pres: A. Bell; G.M: B. Simmons; C.E: Jim Dillingham. Rlg.
12) Merchandise Mart Plaza, Chicago, IL 60654 — G.M: J.D. Martin; P.D: Ted Cramer; C.E: B. Ryan. C&W (N-1).
13) 1419 West Bannock, Boise, ID 83701 — G.M: A.G. Vuylsteke; P.D: Lon Dunn; C.E: M.S. Daniel. News, MoR, Cont, Pop (N: local at :57, CBS N-1).
14) 8022 Bandera Rd, San Antonio, TX 78250 — G.M: Bill Rohde; P.D: S. Warren; C.E: P. Reynolds. C&W (N-3).
15) 1700 Montgomery Str, San Francisco, CA 94111 — G.M: W.W. Dwyer; P.D: Ron Reynolds; C.E: W. Newbrough. Cont, Pop, Sports (N-1).
16) 30309 Peachtree Rd, NE, Atlanta, GA 30309 — Pres: Chas. Smithgall III; C.E: P. Graves. News (N-1).
17) 68 Radio Plaza, Owings Mills, MD 21117 — G.M: H.K. Deutsch. P.D: D. Arlington; C.E: F. Klimes. News, Talk.
18) 3 Fenway Plaza, Boston, MA 02115 — G.M: D.K. Griffin; P.D: Mel Miller; C.E: R.M. Smith. Talk (N-1)
19) WPTF Bldg, 410 S. Salisbury Str, Raleigh, NC 27602 — Pres: C.V. Venters; S.M: W. Ausley; C.E: Bob Herman. MoR.
20) Box 3584, Memphis, TN 38103 — G.M: C. Scott; P.D: W. Jackson; C.E: R. Kaufman. C&W.
21) Box 4318, Charleston, W.Va 25304 — G.M: P. Howard; P.D: R. Johnson; C.E: D. Gill. C&W.
22) 606 Ludington Str, Escanaba, MI 49829 — G.M: G. Kaufman; P.D: Joe Demay; C.E: R. Haslow. MoR (N-1).
23) Box 1926, Birmingham, AL 35201 — G.M: D. McWhorter; C.E: J. Gober III. Modern Country (N-2).
24) Box 486, Orange Park, FL 32073 — G.M: R. Campbell; C.E: L. Sikes. Rlg.
25) Box 1087, Coffeyville, KS 67337 — G.M: R.L. Pratt; P.D: R. McBride; C.E: Al Diller. MoR (N. at :55).
26) 2419 N. Piedras, El Paso, TX 79930 — G.M: J.R. Phillips; P.D: D. Bowe; C.E: H. Rand. C&W (N-1).
27) Box 369, Bristol, VA 24203 — Mgr: R. Al Morris, G. Hutchings; C.E: J. Faniola. Rlg.
28) 332 Carondelet Str, New Orleans, LA 70130 — G.M: W. Engel; P.D: R. Mitchell; C.E: C. Veres. Top 40.
29) Oro Valley, AZ.
30) Silt, CO 81652.
31) 3 E. 4th Str, Cincinnati, OH 45202 — Mgr: B. Kvale; P.D: W.C. Stedman; C.E: Jim Gray. Talk, MoR. N-1 (Net), N-2 (local).
32) North Salt Lake City, UT — Easy Listening.
33) Winston, OR 97496—Rlg.
34) Newport, WA.
35) 5858 Sunset Blvd, Los Angeles, CA 90028 — Pres: Bill Ward; P.D: Bill Watson; C.E: S. Colley. MoR.
36) 5738 Marconi Av, Carmichael, CA 95608 — Pres: D. Kahle; G.M: T.J. Wallace.
37) 20450 NW Second Ave, Miami, FL 33169 — G.M: Dan Diloreta; C.E: J. Morris. All news.
38) Box 20007, Shreveport, LA 71120 — G.M: B.G. Wilson; P.D: H. Clark; C.E: T. Johnson. Cont. (N-1).
39) 106 W 14th Str. Kansas City, MO 64105 — G.M: J.H. Erwin; P.D: Al Casey; C.E: Jim Pritchett. Adult Cont (N-3).
40) 1440 Broadway, New York, NY 10018 — G.M: R. Biernacki; P.D: Bob Bruno; C.E: P. Stewart. Talk.
41) Box 710, Amarillo, TX 79189 — G.M: R. Bodiford; P.D: J. Dawson; C.E: H. White. MoR (N-1).
42) Box 2268, Christianburg, VA 24073 — G.M: Ray Childers; S.M: R. Good; C.E: P. Durham. Rlg, Cont.
43) B'cast House, 3rd & Broad Streets, Seattle, WA 98121 — G.M: J.K. Abel; P.D: Vic Bremer; C.E: D. Hubert. Talk.
44) 1105 E. Superior Str, Duluth, MN 55802 — Mgr: Ken Buehler; P.D: Tim Michaels; C.E: P. Maki. C&W, News (N-3).
45) 2501 Bradley Place, Chicago, IL 60618 — G.M: W.R. Vriesman; P.D: D.D. Fabian; C.E: R. Knudson. MoR, Talk (N-3).
46) 1 Main Str, Las Vegas, NV 89101 — Mgr: A.J. Williams; P.D: C. Reis; C.E: M. Messina; News, Talk (N-1).
47 Box 11411, Montgomery, AL 36111 — G.M: R.G. Brennan; P.D: L. Fryer; C.E: Tom Jones. Country rock (N-1).
48) 1888 Century Park E, Suite 208, Los Angeles, CA 90067 — G.M: J. Adams; P.D: F. Seiden; C.E: C. Casterline. Inspirational cont. (N. at :55, :25).
49) 1 Embarcadero Center, San Francisco, CA 94111 — G.M: Ray Barnett; News Dir: C. Seraphin; C.E: H. Immekus. News only.
50) Box 74, Huntington, Long Island, NY 11747 — G.M: R.J. Scholem; P.D: J. Ferguson; C.E: M. Holverstott. MoR (N-1).
51) Box 907, Mt. Airy, NC 27030 — G.M. & C.E: R.D. Epperson. MoR, C&W.
52) 7136 So. Yale, Tulsa, OK 74136 — Mgr: Don Wm. Berndt;

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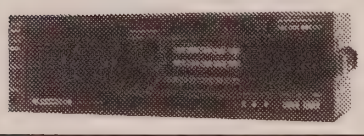

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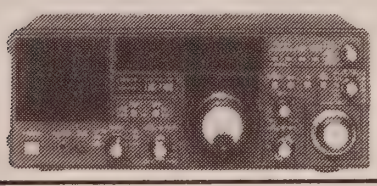

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67) 630 N. McClurg Court, Chicago, IL 60611 — G.M: W.C. O'Donnell; P.D: D.A. Milburg; C.E: Jim Burns. All news.
68) Box 11920, Reno, NV 89510 — Mgr: R.H. Glassburn; P.D: J. Andrews; C.E: J. Gradijan. MoR (N-1).
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81) Box 3326-A, Birmingham, AL 35255 — G.M: W. Alby; C.E: J.E. Gray. C&W.
82) Box 5012TA, Denver, CO 80217 — Mgr: Jim Hawthorne; C.E: D. Layne. News, talk.
83) Box 70, West Palm Beach, FL 33402.
84) 441 Stuart Str, Boston, MA 02116 — Pres: D.C. Croninger; P.D: Bob Adams; C.E: P. Hurd. MoR.
85) Box 1539, Forest, MS 39074 — G.M: W.H. Wilbourne; S.M: C. Burch; C.E: D. Johnson. Black.
86) Box 10207, Knoxville, TN 37919 — G.M: James A. Dick; P.D: M. Hammond; C.E: M. Jones. Cont.
87) Box 12526, Raleigh, NC 27605 — Mgr: Ed Weiss; P.D: Joe Wade; C.E: Tom Bohannon. C&W.
88) 13461 Ridge Rd, North Royalton, OH 44133 — G.M: Art Caruso; P.D: M. Pollis; C.E: R. Satterwaite. Talk.
89) Box 309, Johnstown, PA 15907 — Mgr: S.D. Neri; C.E: A.L. Vrooman; P.D: M. Farrow. C&W. (N-1)
90) 2000 Tacoma Hall Off. Bldg, Tacoma, WA 98409 — G.M: H.S. Greenberg; P.D: B. Cannon; C.E: Dan Rufe. Adult cont.
91) 1120 E. McCuen Str, Duluth, MN 55803 — G.M: Mary Elm; Exec. Dir: R. Elm; C.E: J. Talcott. Gospel (N-2).
92) 3130 Southwest Freeway, Houston, TX 77098 — Pres: D.M: Best; P.D: M. Franco; C.E: D. Armstrong. MoR, Spanish.
93) Box 3839, Modesto, CA 95352 — Mgr: D. Jacob; P.D: K. Hopper; C.E: C. Michael. C&W (N: at :55).
94) Box F, Pittsburg, KS 66762 — G.M: Bob Freeman; P.D: Tim Wallace; C.E: D. Macek. C&W, Farm (N-1).
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117) Box 19066, New Orleans, LA 70119 — G.M: J.J. Hutchinson Jr.; P.D: R. Taylor; C.E: C. Myers. Modern RB (N at :55).
118) Box 35297, Fayetteville, NC 28303 — Pres: V.W. Dawson; P.D: Dan Mitchell; C.E: J. Sprouse. C&W (N-1).
119) Box 339, Smithfield, VA 23430 — Mgr: L.W. Cobb; C.E: A. Booth. Cont. Christian (N-1).
120) 2020 We. Grand Rd, Tucson, AZ 85703 — G.M: M.G. Schwartz; P.D: R. Rivers; C.E: Bob Malsbury. RR.
121) Box 991, Pittsburg, CA 94565.
122) Box 12107, Memphis, TN 38112 — G.M: E.W. Bie; P.D: E. Walton; C.E: B. Travis. Rlg, Black.
123) Box 15310, Orlando, FL 32858 — G.M: W.L. Stakelin; P.D: B. Braun; C.E: Don Charles. Modern country.
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126) 117 Ridge Pike, Lafayette Hill, PA 19444 — G.M: J.E. Lear; P.D: C. Dean; C.E: R. Jetro. Gospel (N-1).
127) 1185 N. Main Str, Providence, RI 02903 — G.M: E. Mitchell; P.D: A. Rizzini; C.E: D. Puopolo. Nostalgia (N-1).
128) 4400 Whittle Springs Rd. N.E., Knoxville, TN 37917 — G.M: B. Bohn; P.D: R. Brooks; C.E: Ed Martin. C&W (N. at :55).
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130) Box 554, Huntsville, AL 35801 — G.M: P.P. Barber; P.D: D. Driscoll; C.E: J. Timms. Oldies.
131) 300 N. State Str, Chicago, IL 60610 — Mgr: O.H. McDaniels; C.E: Don Jeffers. Easy listening, comedy.
132) Box 1000, Hemingway, SC 29554 — G.M. & C.E: D. Hastings. Cont, rlg.
133) 3205 So. Meadow, Sioux Falls, SD 57106 — Mgr: Don Jacobs; P.D: L. Rohr; C.E: Rob McKay. N-1, N-2.
134) 100-4th Ave. No, Seattle, WA 98109 — Mgr: Bob Adkins; P.D: Ken Kohl; C.E: Bob Plummer. MoR (N-1).
135) 2252A Wyoming N.E., Albuquerque, NM 87112 — G.M: K. Bagdasar; P.D: C. Van Horne; C.E: E. Newman. Gospel (N-1).
136) Box 206, Hayden, CO 81639.
137) 1755 Union National Plaza, Little Rock, AR 72201 — G.M: Pat Walsh Jr; P.D: N. Markel; C.E: F. McDonald. C&W, sports (N-1).
138) 2601 Mission Str, San Francisco, CA 94111 — G.M: J.J. Gabbert; C.E: J. Perry. Spanish popular.
139) Box 1010, Seffner, FL 33584 — G.M: Wes Howard; P.D: J. Newman; C.E: Don Briener. Gospel (N-1).
140) Box 518, Crestview, FL 32536.
141) Box 67, Decatur, GA 30031 — S.M. & C.E: B. Akermann; P.D: C. Jones. Rlg.
142) Box 1511, Meridian, MS 39301 — G.M: E. Smith; C.E: S. Burkes. RR, C&W (N-1, at :55).
143) Box 28, St. Louis, MO 63166 — G.M: B. Harville Jr; P.D: Lee

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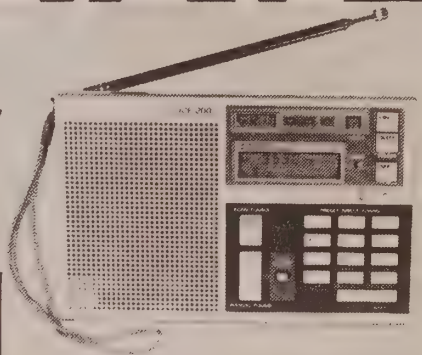

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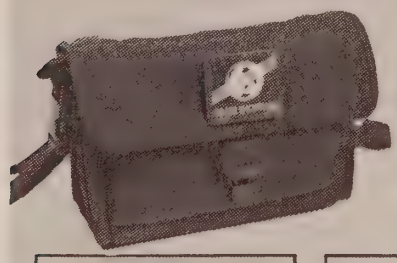

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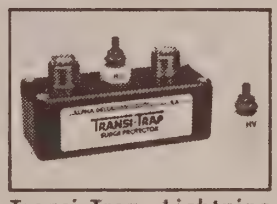


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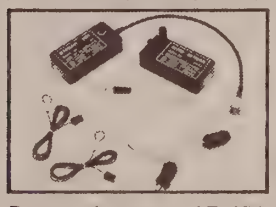

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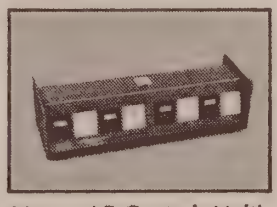

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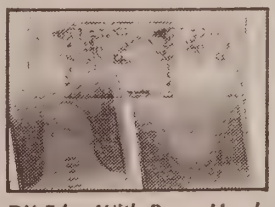

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309) 1440 Ethan Way, Suite 200, Sacramento, CA 95825 — G.M: D. Sheppard; P.D: C. Casselman; C.E: D. Harry. News, talk.
310) 5529 Chapel Hill Blvd, Durham, NC 27707 — Pres: H. Johnston; G.M: Irv Devore; C.E: P. Gold. C&W.
311) 501 Carew Tower, Cincinnati, OH 45202 — G.M: P.E. McDonald; P.D: B. Still; C.E: Jim Ranney. All news, talk.
312) Drawer 711, Harlingen, TX 78551 — G.M: C.A. Cantu; P.D: R. Botello; C.E: C. Parris. 100% Spanish.
313) Box 216, Dalton, GA 30720 — G.M: Ron Arnold; P.D: W. Hooper; C.E: L. Richter. Cont (N-1).
314) Box 6, Auburn, ME 04120 — G.M: Irv Lash; P.D: P. Villa; C.E: Tim Smith. C&W.
315) Box 352, Poplarville, MS 39470 — Mgr: B.O. Griffin. MoR, Gospel (N-1).
316) Box 926, Cheyenne, WY 82001 — G.M: T. Metheny Jr; P.D: R. Johnson; C.E: W. Boller. C&W. **F.Pl:** 870kHz, location Orchard Valley, WY.
317) 5900 Picketville Rd, Jacksonville, FL 32205 — G.M: M.M. Cohen; P.D: M. Roberts. C&W.
318) 616 One Tandy Center, Ft. Worth, TX 76102 — Mgr: V. Mantecon; P.D: M. Becerra; C.E: C. Staples. Spanish.
319) 519 Capitola Av, Capitola, CA 95010 — G.M: G. Norlin; P.D: Jean Cress. News.
320) 5700 Sunset Blvd, Los Angeles, CA 90028 — G.M: V. Ore; Op's Mgr: Tom Casey; C.E: B. Massey. C&W (N. at :40).
321) Box 1540, Waterloo, IA 50704 — G.M: F Hendrickson; P.D: J. Christenson; C.E: G. Quesinberry. C&W (N. at :55 to :05).
322) Box 12279, Albany, NY 12212 — G.M: M. Harris; P.D: J.W. Wagner; C.E: Russ Erikson.
323) 4500 North Tryon Str, Charlotte, NC 28134 — Mgr: W. Hammond; C.E: L. Schropp. Gospel.
324) 1 Bala Cynwyd Plaza, Bala Cynwyd, PA 19004 — G.M: M. Marder; P.D: M. St. John; C.E: L. Taylor. Oldies.
325) 1445 W. Baseline Rd, Phoenix, AZ 85009 — G.M: Betty Robson; P.D: Nancy Heath; C.E: J. Clark. Rlg.
326) 6001 Wilkinson Rd, Richmond, VA 23227 — G.M: J.A. Carter; P.D: Tina Woods; C.E: Jim Granger. Disco, Black.
327) Box 837, Pickens, SC 29671 — P.D: Tom Abrams; C.E: M. Sink.
328) Box 2041, Huntsville, AL 35804 — G.M: G. Buxton; P.D: J. Dean; C.E: R. Gray. Top 40.
329) 335 Powell Str, San Francisco, CA 94102 — G.M: J.P. Hickey Jr. Op's Mgr: Lou Sinclair; C.E: D. Wigfield. Classical music (N-1).
330) 5056 W. 2100 S, Salt Lake City, UT 84120 — G.M: G. Guthrie; P.D: Don Wade; C.E: K. Huffman. C&W (N-2).
331) 2260 S.W. 8th Str, Miami, FL 33135 — Mgr: S. Lew; P.D: R. Jorge; C.E: J. Gerald. News, talk (Spanish only).
332) Box 1967, Mobile, Al 36633 — G.M: W.H. Goforth; P.D: S. Willingham; C.E: B. Arnold. Gospel.
333) Box 506, Arvada, CO 80001 — G.M: L. Green; P.D: R. Harris. Gospel, rlg. (N. at :55).
334) Box 21550, Shreveport, LA 71120 — Mgr: S. Rutledge, Jr; C.E: A.T. Moore. Black (N. at :15, :45).
335) Box 2983, Fargo, ND 58102 — G.M: L. Lakoduk; P.D: W. Hiller; C.E: P. Titchena. Adult cont.
336) Box 629, Bennetsville, SC 29512 — G.M: A.K. Harmon; C.E: R. Gehm. C&W, Black.
337) Box 3320, Jackson, MS 39207 — Mgr: R. Lange; P.D: Bob Kaye; C.E: S. Conerly. Black.
338) Box 1988, Tampa, FL 33601 — Pres: Art Reuben; C.E: Ed Pendino. Spanish.
339) 2460 Atlanta Rd. S.E., Smyrna, GA 30080 — Pres: L.N. Polk; P.D: A. Owens; C.E: P. Graves. Gospel.
340) Univ. of Arizona, Tucson, AZ 85721 — G.M: B. Rooney; Mgr: P. McQuown; C.E: Tom Boone. Talk, jazz.
341) 143 Rumford Ave, Newton, MA 02166 — Mgr. & P.D: Rob Rudnick; C.E: Rob Wolf. News, Urban Cont, Ethnic.
342) 2043 10th Str. N.E., Roanoke, VA 24012 — G.M: H.R. Peyton; P.D: Betty Raines; C.E: D. Massey. Gospel.
343) 530 Sunnyside Dr, Reno, NV 89503.
344) Box 4638, Vancouver, WA 98662 — G.M: Ron Hughes; P.D: B. Coleman; C.E: R. Manning. C&W.
345) Box 308, Ferndale, WA 98248 — Mgr: P. Landry; P.D: Rob Rummel; C.E: Ron Cowell. Rlg.
346) West 933 3rd Ave, Spokane, WA 99204 — MYL, Big Band.
347) 2003 Blair Blvd, Nashville, TN 37212 — G.M: F.E. Smart; P.D: S. Marshall; C.E: C. Hooper. Gospel, rlg (N-1).
348) Box 1736, Bakersfield, CA 93302 — G.M: Dan B. Speare; C.E: G. Patterson. News, Spanish (N-3).
349) Breen, CO.
350) 229 W. 43rd Str, New York, NY 10036 — G.M: W. Neimann; P.D: R. Shermann; C.E: Z.N. Masoomian. Classical music (N-1).
351) Box 450, Paducah, KY 42001 — G.M: E.B. Fritts; S.M: Ed Taylor; C.E: E. Abanathy. Modern C&W (N-1).
352) Box 1770, Aberdeen, SD 57401 — G.M: D.S. Laustson; P.D: B. Norton; C.E: J. Bible. C&W (N-1).
353) Box 1670, La Plata, MD 20646 — G.M: Wm. Dalton; P.D: Bob Duckman; C.E: L.R. Palmer, Jr. Oldies (N-1).
354) Box 28, Lancaster, SC 29720 — G.M: B.L. Phillips; C.E: P. Gilmore. Top 40 (N-2).
355) Box 445, Warsaw, NC 28398 — G.M: J.L. Moseley; S.M: W. Moseley; C.E: J. Blanchard. C&W. (N. at :55).
356) Box 1747, Joplin, MO 64801 — G.M: W.B. Neal; C.E: J. Maxton.
357) 1700 No. Alvarado, Los Angeles, CA 90026 — G.M: G. Price; P.D: S. Woods. C.E: A. Laird. Black (N-1).
358) 600 Ea. Gilbert Dr, Tempe, AZ 85060 — G.M: M.C. Owens; P.D: L. Daniels; C.E: E. Klein. Modern country (N. at :55).
359) Box 11845, Lexington, KY 40578 — G.M: R.E. Johnson; P.D: L. Miller; C.E: Wm. Peeples. Modern country (N-3).
360) Woodside Ave, Patchogue, NY 11772 — Pres: J. Ellsworth; V.P: G. Drake; C.E: G. Healy. MoR, standards.
361) Box 8550, Washington, DC 20027 — G.M: C. Giddens; P.D: S. Kingston; C.E: M. Smith. Cont, Top 40.
362) 3000 SW 60th Ave, Ft. Lauderdale, FL 33314 — G.M: G. Milner; C.E: Tim Cottrill. RR Oldies.
363) Box 25166, Albuquerue, NM 87125 — G.M: J. Deme; P.D: J.H. Deme; C.E: A.P. Deme. News, talk.
364) 239 Western Blvd, Jacksonville, NC 28540 — G.M: C. Franklin; P.D: E. Herman; C.E: Don Brown. Cont. Christian.

## VOICE OF AMERICA (Gov.)

**"THE VOICE OF AMERICA"** is the Broadcasting Service of the United States Information Agency. The VOA seeks to promote an increased understanding of the United States among the peoples of the world and to strengthen co-operative international relations.

**ADDR:** Voice of America, United States Information Agency, Washington, DC 20547.

**L.P:** Dir. U.S. Information Agency: Charles Z. Wick. Ag. Dir. (Broadc. Sce): Gene Pell. Chief, Broadc. Op's: Alan Heil. Ag. Dir. Eng. & Tec. Op's: Robert E. Frese. Chief, Regulatory Branch: Norbert W. Schroeder. Chief, Freq. Utilization Branch: Phillip L. Goodwin. Chief, Monitoring Branch: Warren Schor.

This antenna is part of VOA's extensive signal distribution and transmission network using microwave, high frequency radio link, and satellites (far left).

The "Bubble" is an operations center which receives and distributes incoming reports from VOA correspondents based around the world (top).

From 32 broadcast studios in Washington, D.C., VOA announcers present more than 986 hours of programming each week in 42 languages (bottom).

# The Voice of America

Washington, D.C., U.S.A. 20547

**STATIONS:** Call-letters not used.

**Greenville,** No. Carolina (G.C: 77.22W/35.35N): 6×500kW, 6×250kW and 6×50kW tr's.

| kHz | kHz | kHz | kHz | kHz | kHz | kHz |
|---|---|---|---|---|---|---|
| 5995 | 9525 | 9650 | 11895 | 15155 | 15415 | 17860 |
| 6020 | 9530 | 9670 | 11900 | 15160 | 15430 | 21545 |
| 6030 | 9540 | 9680 | 11905 | 15195 | 15580 | 21580 |
| 6055 | 9565 | 11675 | 11915 | 15205 | 17640 | 21590 |
| 6080 | 9575 | 11715 | 11920 | 15235 | 17730 | 21610 |
| 6130 | 9580 | 11740 | 11925 | 15265 | 17740 | 21670 |
| 6190 | 9590 | 11825 | 15115 | 15400 | 17775 | 21710 |
| 9455 | 9620 | 11875 | 15120 | 15410 | 17835 | 21840 |
| 9515 | 9640 | 11890 | 15150 | | | |

**Bethany,** Ohio (G.C: 84.21W/39.21N): 3×250kW and 3×175kW tr's.

| kHz | kHz | kHz | kHz | kHz | kHz | kHz |
|---|---|---|---|---|---|---|
| 6030 | 9530 | 9575 | 11830 | 15330 | 17715 | 21470 |
| 6125 | 9550 | 11580 | 11890 | 15345 | 17785 | 21485 |
| 9525 | 9565 | 11790 | 15160 | | | |

**Delano,** California (G.C: 119.17W/35.45N): 3×250kW, 1×200kW and 2×50kW tr's.

| kHz | kHz | kHz | kHz | kHz | kHz | kHz |
|---|---|---|---|---|---|---|
| 6055 | 9565 | 9700 | 11730 | 11805 | 15355 | 21560 |
| 6140 | 9690 | 9765 | 11740 | 15345 | 17765 | |

**Dixon,** California (G.C: 121.45W/38.23N): 3×250kW, 1×200kW, 2×100kW and 2×50kW tr's.

| kHz | kHz | kHz | kHz | kHz | kHz | kHz |
|---|---|---|---|---|---|---|
| 6015 | 6040 | 6055 | 9505 | 9540 | 11920 | 11950 |

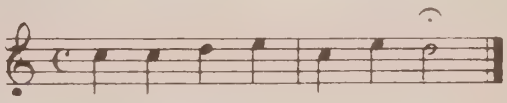
**Marathon,** Florida (G.C: 81.06W/24.41N): 1×50kW tr. on 1180kHz.

**ANN:** Station identification is announced in English: "You are listening to the Voice of America from Washington DC".

**RELAY STATIONS:** For freq's of the relay stations, refer to the individual countries: Antigua, Botswana, Brazil, Germany, United Kingdom, Greece, Liberia, Morocco, Philippines, Sri Lanka.

**ANN:** "This is the Voice of America" is announced in the language of the program in which it is given and in English.

**INT-SIG:** Musical signature, "YANKEE DOODLE", is played at the beginning and conclusion of transmissions and within programs.



**PUB:** Prgr. schedule available upon request — **V.** by QSL-card (B).

**PROGRAMMES IN ENGLISH**
(Sept. 30th, 1984 — March 2nd, 1985)

| To Europe | kHz |
|---|---|
| 0000-0200 | 1197 |
| 0700-0800 | 9650 |
| 0600-0800 | 7325 |
| 0400-0800 | 7200 |
| 0400-0800 | 7170 |
| 0500-0800 | 6060 |
| 0400-0700 | 6040 |
| 0700-0800 | 6035 |
| 0430-0500 | 3980 |
| 0600-0800 | |
| 0430-0500 | 1197 |
| 0700-0800 | 1197 |
| 0400-0430 | 792 |
| 0500-0800 | 792 |
| 1700-2200 | 11760 |
| | 9760 |
| | 6040 |
| 1700-1730 | 3980 |
| | 1197 |
| 1800-1930 | 792 |
| **To No. Africa** | |
| 0600-0800 | 11840 |
| 0500-0800 | 9670 |
| 0700-0800 | 7325 |
| 0500-0800 | 7170 |
| 0600-0800 | 6095 |

| To No. Africa | kHz |
|---|---|
| 0500-0800 | 5995 |
| 1700-2200 | 15205 |
| | 6040 |
| 1830-2200 | 9760 |
| **To East Central and South Africa** | |
| 0300-0500 | 11835 |
| 0300-0430 | 11720 |
| 0300-0500 | 9550 |
| 0300-0600 | 7280 |
| 0300-0500 | 6035 |
| 0300-0430 | 621 |
| 0600-0800 | 9550 |
| | 9540 |
| | 9530 |
| | 7280 |
| | 6125 |
| | 6080 |
| | 3990 |
| 0700-0800 | 6035 |
| 1800-2300 | 21660 |
| 1600-2300 | 17870 |
| | 15600 |
| | 15445 |
| 1600-1900 | 9575 |
| 1730-2200 | 621 |

| To West Africa | kHz |
|---|---|
| 1600-2300 | 21485 |
| | 17785 |
| 2000-2300 | 17715 |
| 1600-2300 | 15580 |
| 2200-2300 | 15415 |
| 1600-2200 | 15410 |
| 1900-2300 | 9620 |
| 1600-2300 | 7195 |
| 1900-2300 | 6045 |
| **To Middle East** | |
| 0500-0800 | 15205 |
| 0600-0800 | 15195 |
| 0500-0700 | 11925 |
| 0700-0800 | 11920 |
| 0500-0700 | 9770 |
| 0300-0600 | 9740 |
| 0700-0800 | 9660 |
| 0600-0800 | 7325 |
| 0300-0600 | 7200 |
| 0600-0800 | 5965 |
| 0300-0330 | 1260 |
| 0600-0800 | 1260 |
| 1500-1700 | 15205 |
| 1700-2000 | 9760 |
| 1500-2200 | 9700 |
| 2100-2200 | 7205 |
| 1500-1630 | 1260 |
| 2100-2200 | 1260 |
| **To South Asia** | |
| 0100-0400 | 21540 |
| 0300-0400 | 17745 |
| 0100-0300 | 17735 |
| 0100-0400 | 15250 |
| | 15210 |
| | 11710 |
| | 9740 |
| | 7200 |
| | 7115 |
| 1300-1900 | 15395 |
| 1300-1700 | 15205 |
| 1300-1700 | 9760 |
| 1300-1900 | 9700 |
| | 9645 |
| 1300-1500 | 7125 |
| 1500-1900 | 7105 |
| 1400-1900 | 6110 |
| 1400-1500 | 1575 |
| 1530-1600 | 1575 |
| 1700-1800 | 1575 |

| To Northeast Asia | kHz |
|---|---|
| 2200-0100 | 17740 |
| | 15290 |
| 2200-2400 | 15185 |
| 2200-0100 | 11775 |
| 1100-1330 | 15425 |
| 1100-1500 | 11715 |
| | 9760 |
| **To Southeast Asia** | |
| ***) for Indonesia** | |
| 2200-0100 | 11760* |
| | 9770 |
| | 7275 |
| 1100-1500 | 15160* |
| | 9760 |
| | 7230 |
| 1100-1400 | 6110* |
| 1100-1200 | 1575 |
| 1400-1500 | 1575 |
| **To Oceania** | |
| 2200-2400 | 17740 |
| | 15185 |
| | 11760 |
| 1100-1330 | 15425 |
| 1100-1400 | 15160 |
| | 6110 |
| **To Latin America** | |
| 1700-1800a | 21840 |
| | 21590 |
| | 21560 |
| | 21545 |
| | 17860 |
| | 17640 |
| | 15580 |
| | 1580 |
| 0000-0400 | 15205 |
| 0000-0200 | 11740 |
| 0000-0400 | 11675 |
| | 11580 |
| | 9690 |
| | 9650 |
| | 9455 |
| | 6130 |
| | 5995 |
| | 1580 |

a) 1st Sun of month.

## PROGRAMMES IN OTHER LANGUAGES

### TO EUROPE

| Albanian | kHz |
|---|---|
| 1600-1630 | 15195 |
| | 9735 |
| | 5965 |
| 1900-1930 | 11945 |
| | 9735 |
| | 5965 |
| **Armenian** | |
| 0200-0215 | 9615 |
| | 9530 |
| | 7170 |
| | 7120 |
| | 6105 |
| | 6080 |
| | 1260 |
| 1500-1600 | 17855 |
| | 15225 |
| | 15195 |
| | 11760 |
| | 9670 |
| | 9565 |
| **Azerbaijani** | |
| 1500-1530 | 11835 |
| | 9680 |
| | 7280 |
| | 6150 |

| Bulgarian | kHz |
|---|---|
| 0400-0415 | 9615 |
| | 9530 |
| | 7220 |
| | 7130 |
| | 6080 |
| | 3980 |
| | 1197 |
| 0645-0700 | 11710 |
| | 9615 |
| | 7210 |
| | 6130 |
| 1830-1900 | 15245 |
| | 9735 |
| | 5965 |
| 2000-2030 | 11945 |
| | 9735 |
| | 5965 |
| **Czech/Slovak** | |
| 0500-0515 | 11710 |
| | 9615 |
| | 9530 |
| | 7220 |
| | 6080 |
| | 3980 |
| | 1197 |

| Czech/Slovak | kHz |
|---|---|
| 0600-0615 | 11710 |
| | 9615 |
| | 7210 |
| | 6130 |
| 1630-1700 | 11865 |
| | 11845 |
| | 6060 |
| | 3980 |
| | 1197 |
| 2000-2100 | 7180 |
| | 6150 |
| | 6060 |
| | 3980 |
| | 1197 |
| **Estonian** | |
| 0245-0300 | 9530 |
| | 7170 |
| | 7120 |
| | 6080 |
| 1430-1500 } | 15270 |
| 1530-1600 } | 11960 |
| | 11865 |
| | 9735 |
| | 7245 |
| **Georgian** | |
| 0215-0230 | 9615 |
| | 9530 |
| | 7170 |
| | 7120 |
| | 6105 |
| | 6080 |
| | 1260 |
| 1400-1500 | 17855 |
| | 15225 |
| | 15195 |
| | 11760 |
| | 9670 |
| | 9565 |
| **Greek** | |
| (Also for Middle East) | |
| 1800-1830 | 15195 |
| | 9735 |
| | 5965 |
| **Hungarian** | |
| 0515-0530 | 11710 |
| | 9615 |
| | 9530 |
| | 7220 |
| | 6080 |
| | 3980 |
| | 1197 |
| 0615-0630 | 11710 |
| | 9615 |
| | 7210 |
| | 6130 |
| 1730-1900 | 11790 |
| | 11750 |
| | 7130 |
| | 6060 |
| | 3980 |
| | 1197 |
| 2100-2130 | 7180 |
| | 6150 |
| | 6060 |
| **Latvian** | |
| 0300-0315 | 9530 |
| | 7170 |
| | 7120 |
| | 6080 |
| 1400-1430 | 15270 |
| | 11960 |
| | 11865 |
| | 9735 |
| | 7245 |
| 1600-1630 | 15270 |
| | 11865 |
| | 11845 |
| | 6060 |

| Lithuanian | kHz |
|---|---|
| 0315-0330 | 9530 |
| | 7170 |
| | 7120 |
| | 6080 |
| 1500-1530 | 15270 |
| | 11960 |
| | 11865 |
| | 9735 |
| | 7245 |
| 1700-1730 | 15280 |
| | 11865 |
| | 11750 |
| | 6060 |
| **Polish** | |
| 0500-0530 | 9605 |
| | 7130 |
| | 6160 |
| | 5955 |
| 0530-0545 | 11710 |
| | 9615 |
| | 9605 |
| | 9530 |
| | 7220 |
| | 7130 |
| | 6160 |
| | 6080 |
| | 5955 |
| | 3980 |
| | 1197 |
| 0545-0630 | 7130 |
| | 6160 |
| | 5955 |
| 0545-0600 | 9605 |
| 0600-0630 | 9635 |
| | 1197 |
| 0630-0645 | 11710 |
| | 9635 |
| | 9615 |
| | 7210 |
| | 7130 |
| | 6160 |
| | 6130 |
| | 5955 |
| | 1197 |
| 0645-0700 | 9635 |
| | 7130 |
| | 6160 |
| | 5955 |
| | 1197 |
| 1900-2000 | 11710 |
| | 9650 |
| | 7180 |
| | 6160 |
| | 6060 |
| | 3980 |
| | 1197 |
| 2000-2100 | 11710 |
| | 9650 |
| | 6160 |
| 2100-2130 | 11710 |
| | 9650 |
| | 6160 |
| | 3980 |
| | 1197 |
| 2130-2200 | 6160 |
| | 6150 |
| | 6060 |
| | 3980 |
| | 1197 |
| 2200-2400 | 9645 |
| | 9540 |
| | 6160 |
| | 6150 |
| | 6060 |
| | 3980 |
| | 1197 |

NEW

# ESKA® RX99PL

## It takes time to make a superb receiver ... but now ... The professional portable receiver of the nineties is available –

ESKA of Denmark is proud to present its latest fully synthesized general coverage receiver, equipped with phase-locked exalted carrier reception (PL- ECSS), for the serious shortwave listener.

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Special options are available for Government, Agencies and Embassies

We still produce the well-known fixed channel AM/SSB receivers RX12PL-A, RX12B-A and RX12M-A. We refer to the article in th 1983 WRTVH, page 589-590.

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## ESKA ELEKTRONIK A/S

Møllestræde 5 - DK-3400 Hillerød
Denmark - Telex: 42211 eska dk
Phone: +452 25 55 80

**available world-wide through network of appointed dealers.**

| Portuguese | kHz |
|---|---|
| 2130-2230 | 9580 |
| | 7120 |
| | 6130 |
| | 5965 |
| **Romanian** | |
| 0430-0445 | 9615 |
| | 9530 |
| | 7220 |
| | 7130 |
| | 6080 |
| | 792 |
| 1700-1800 | 15195 |
| | 9735 |
| | 5965 |
| | 792 |
| 1930-2000 | 11945 |
| | 9735 |
| | 5965 |
| | 792 |
| **Russian** | |
| 0200-0500 | 11925 |
| | 11760 |
| | 9770 |
| | 7270 |
| | 7105 |
| | 6160 |
| | 6150 |
| | 6090 |
| 0200-0400 | 6025 |
| 0400-0500 | 6020 |
| 0200-0400 | 1197 |
| 1500-1600 | 17780 |
| 1500-1800 | 15235 |
| 1600-1700 | 11960 |
| 2200-2300 | 11945 |
| 1500-1600 | 11835 |
| 2000-2300 | 11835 |
| 1500-1900 | 11805 |
| 1600-1800 | 11740 |
| 1500-1900 | 11710 |
| 2200-2300 | 9760 |
| 1800-1900 | 9715 |
| 1600-1800 | 9660 |
| 1800-2200 | 9625 |
| 1700-1900 | 9555 |
| 1900-2300 | 9530 |
| 2000-2300 | 7280 |
| 1800-2300 | 7270 |
| 1700-1900 | 7180 |
| 1500-1800 | 7170 |
| 1900-2200 | 7105 |
| 1900-2300 | 6140 |
| 2000-2300 | 6095 |
| 2100-2300 | 6085 |
| **Serbo-Croat** | |
| 0445-0500 | 9615 |
| | 9530 |
| | 7220 |
| | 7130 |
| | 6080 |
| | 792 |
| 2030-2130 | 11805 |
| | 9735 |
| | 5965 |
| | 792 |
| **Slovene** | |
| 0415-0430 | 9615 |
| | 9530 |
| | 7220 |
| | 7130 |
| | 6080 |
| | 3980 |
| | 1197 |
| 0545-0600 | 11710 |
| | 9615 |
| | 9530 |
| | 7220 |
| | 6080 |
| | 3980 |
| | 1197 |

| Ukrainian | kHz |
|---|---|
| 0200-0400 | 11850 |
| | 9760 |
| | 7190 |
| | 6180 |
| | 6125 |
| | 792 |
| 1600-1800 | 17855 |
| | 15415 |
| | 7270 |
| | 7245 |
| | 6150 |
| **TO AFRICA** | |
| **Amharic** | |
| 1800-1900 | 15135 |
| | 11740 |
| | 7260 |
| **French** | |
| 0500-0630W | 11890 |
| | 11875 |
| | 11850 |
| | 9565 |
| | 7265 |
| | 6180 |
| | 6020 |
| 1800-2230 | 17800 |
| | 17640 |
| | 15315 |
| | 15290 |
| | 15195 |
| | 9605 |
| | 7135 |
| **Hausa** | |
| 0630-0700 | 11850 |
| | 7265 |
| | 6180 |
| 1600-1630 | 17740 |
| | 15320 |
| | 11760 |
| **Portuguese** | |
| 1730-1830 | 21470 |
| | 17740 |
| | 17705 |
| | 15330 |
| | 15320 |
| | 11715 |
| | 9620 |
| **Swahili** | |
| 1630-1730 | 21660 |
| | 21470 |
| | 17740 |
| | 17705 |
| | 15330 |
| | 15320 |
| | 9620 |
| **TO MIDDLE EAST** | |
| **Arabic** | |
| 0400-0600 | 9715 |
| | 6125 |
| | 5965 |
| | 1260 |
| 1700-2100 | 11960 |
| | 7205 |
| | 1260 |
| 1800-2100 | 6015 |
| **Dari** | |
| 0145-0230 | 11805 |
| | 9700 |
| | 9635 |
| | 6050 |
| 1515-1600 | 15435 |
| | 11845 |
| | 9680 |
| | 7210 |
| 2300-2330 | 9605 |
| | 9530 |
| | 7265 |
| | 7135 |
| | 5995 |
| | 1260 |

| Farsi | kHz |
|---|---|
| 0300-0430 | 11805 |
| | 9700 |
| | 9635 |
| | 6060 |
| 1700-1900 | 11835 |
| | 9680 |
| | 7280 |
| | 6150 |
| **Turkish** | |
| 0330-0400 | 9580 |
| | 9530 |
| | 7125 |
| | 6080 |
| | 1260 |
| 1630-1700 | 15195 |
| | 11760 |
| | 9735 |
| | 7205 |
| | 5965 |
| | 1260 |
| **TO CENTRAL ASIA** | |
| **Russian** | |
| 0800-1100 | 17740 |
| | 15430 |
| | 15325 |
| | 11930 |
| | 9675 |
| 0800-1000 | 17865 |
| | 15410 |
| | 11965 |
| 1200-1400 | 21520 |
| | 21500 |
| | 17865 |
| | 17855 |
| | 15280 |
| | 15235 |
| | 15225 |
| | 15120 |
| | 11835 |
| | 11705 |
| 1200-1300 | 21570 |
| | 11740 |
| **Uzbek** | |
| 0000-0100 | 11945 |
| | 9690 |
| | 9615 |
| | 7125 |
| | 5985 |
| 1400-1500 | 21500 |
| | 17800 |
| | 17780 |
| | 15415 |
| | 15280 |
| | 15235 |
| | 11835 |
| | 11710 |
| **TO SOUTH ASIA** | |
| **Bengali** | |
| 0130-0200 | 21630 |
| | 17785 |
| | 15185 |
| 1600-1700 | 15185 |
| | 11965 |
| | 9545 |
| | 7230 |
| | 1575 |
| **Hindi** | |
| 0030-0100 | 11805 |
| | 9635 |
| | 7105 |
| | 6015 |
| 0100-0130 | 21630 |
| | 17785 |
| | 15185 |
| 1600-1700 | 11835 |
| | 9680 |
| | 7280 |
| | 6150 |

| Pashto | kHz |
|---|---|
| 0000-0030 | 11805 |
| | 9635 |
| | 7105 |
| | 6015 |
| | 1260 |
| 0100-0145 | 11805 |
| | 9700 |
| | 9635 |
| | 7105 |
| | 6015 |
| 1430-1515 | 15435 |
| | 11845 |
| | 9680 |
| | 7210 |
| **Urdu** | |
| 0230-0300 | 11805 |
| | 9700 |
| | 9635 |
| | 6050 |
| 1330-1430 | 15435 |
| | 11845 |
| | 9680 |
| | 7210 |
| **TO SOUTHEAST ASIA** | |
| **Burmese** | |
| 1200-1300 | 17740 |
| | 15300 |
| | 11910 |
| **Indonesian** | |
| 2200-2330 | 11805 |
| | 9615 |
| | 7195 |
| 1100-1200 | 15250 |
| | 11930 |
| | 9630 |
| 1400-1500 | 11945 |
| | 9730 |
| | 6030 |
| **Khmer** | |
| 2200-2230 | 9630 |
| | 7225 |
| | 6100 |
| | 6015 |
| | 1575 |
| 1330-1400 | 15365 |
| | 11895 |
| | 9620 |
| | 1575 |
| 1500-1530 | 11945 |
| | 9545 |
| | 6030 |
| **Lao** | |
| 1200-1230 | 15250 |
| | 11930 |
| | 9620 |
| | 1575 |
| 1500-1530 | 11930 |
| | 9630 |
| | 7265 |
| | 1575 |
| **Thai** | |
| 2330-2400 | 17810 |
| | 15215 |
| | 11840 |
| | 7225 |
| **Vietnamese** | |
| 2230-2330 | 9630 |
| | 7225 |
| | 6015 |
| 1230-1330 | 15250 |
| | 11930 |
| | 9620 |
| | 1143 |
| 1530-1630 | 11930 |
| | 7265 |
| | 6065 |
| | 1143 |

| TO FAR EAST | | TO LATIN AMERICA | kHz |
|---|---|---|---|
| **Chinese** | **kHz** | **Portuguese** | 11925 |
| 2200-0100 | 15395 | 2300-2400 | 9670 |
| | 11925 | | 9455 |
| | 9545 | **Spanish** | |
| | 7210 | 1130-1400 | 21610 |
| | 6130 | | 21580 |
| 1000-1600 | 15410 | | 21490 |
| | 11965 | | 17885 |
| | 9660 | | 17830 |
| | 9555 | | 15265 |
| | 7285 | | 15205 |
| | 6185 | | 15195 |
| **Korean** | | | 11920 |
| 2130-2200 | 11925 | | 11890 |
| | 9545 | | 9540 |
| | 7120 | | 9525 |
| | 6110 | | 6040 |
| 2330-2400 | 15155 | | 1180 |
| | 11805 | 0000-0300 | 15400 |
| | 9615 | | 11950 |
| 1330-1400 | 11945 | | 11895 |
| | 9725 | | 9720 |
| | 6030 | | 9670 |
| | | | 9505 |
| **TO LATIN AMERICA** | | | 6190 |
| **Portuguese** | | | 1180 |
| 1000-1100 | 21490 | 0100-0300 | 17710 |
| | 17830 | | 9580 |
| | 11715 | 0030-0300 | 9525 |
| | 9540 | 0000-0200 | 6055 |
| 2300-2400 | 15600 | 0200-0300 | 6015 |

**N. English:** 0000, 0100, 0200, 0300, 0355, 0400, 0500, 0600, 0700, 1100, 1200, 1300, 1400, 1500, 1600, 1700, 1800, 1900, 2000, 2100, 2200, 2255, 2300.
**N. in special English:** 1230, 1630, 1830, 2230, 2330, 0030.
**Concert Hall** (Sun): 1415, 2010, Mon 0310 — **American Viewpoints:** Sat 1210, 1610, 1910. Sun 0210 — **Focus** (Mon-Fri): 1210, 1610, 1810, 0210 — **Magazine Show** (Mon-Fri): 1330, 1730, 0230 — **DX-Prgr:** Thurs during last section of Magazine Show.

## ORGANISATION OF AMERICAN STATES (OAS)

**ADDR:** 17th St. & Constitution Ave, N.W. Washington, D.C. 20006.
**L.P:** OAS Radio & TV Unit: Chief: Ivan Silva. Principal Specialist; Rene Olivares. Chief Eng: Sergio Bonilla. Asst. Chief Eng: Mario Martinez. Asst. Public Rel: Delia Levandoski.
**STATIONS:** Greenville 9560/15160kHz 50kW; Bethany 11830kHz 250kW.
**D.PRGR:** in Spanish (to the Americas): 2345-0030. "La Voz de la OEA" (The Voice of the OAS) promotes a better understanding of the OAS member countries through reports, newscasts, commentaries, music, interviews, pen pal section (international mailbox), interviews, etc.
**V.** by letter.

## UNITED STATES ARMED FORCES RADIO AND TELEVISION SERVICE

**ADDR:** 1016 North McCadden Place, Los Angeles, CA 90038.
This office exercises overall policy of the United States Armed Forces Radio and Television Service (AFRTS). The mission of AFRTS is to keep US Military personnel and their dependents overseas informed on current events and news. All broadcasts are in **English.** News, sports, public affairs and other timely information is beamed overseas by satellite, undersea cable and shortwave.
The SW tr's primarily serve ships at sea, while land based stations are primarily served by satellite and landlines. Radio news programmes, special events and sports are derived directly from the US commercial radio networks and are broadcast from Los Angeles, California.
Radio entertainment programs are transcribed or taped and television programs are videotaped and shipped to the overseas stations.
**L.P:** Chief, Radio Programming Branch: Robert L. Castle.

**Schedule**

G = Greenville; B = Bethany; D = Delano; P = Poro; M = Munich.
**Areas:** I = Europe, II = Middle East, III = Africa, IV = Caribbean, V = Ea. Asia, VI = So. E. Asia.

| H. of tr. | Area | kHz/St. | H. of tr. | Area | kHz/St. |
|---|---|---|---|---|---|
| 0100-0700 | I | 6030B | 1100-1700 | III | 15330B |
| 0200-0700 | IV | 6030B | 1300-0200 | IV | 15330B |
| 0900-1300 | IV | 6030G | 0430-0700 | V | 15330D |
| 0900-1100 | III | 9530B | 1700-2300 | III | 15345B |
| 0900-1100 | I | 9590G | 1700-2200 | V | 15345D |
| 1000-1800 | V | 9700D | 0700-1100 | II | 15400M |
| 2300-0700 | III | 11790B | 1100-0100 | I | 15430G |
| 1000-1700 | V | 11805D | 1800-0700 | V | 17765D |
| 1100-1300 | II | 15265M | 2200-0430 | V | 21570D |
| 2000-2400 | VI | 15305P | 0000-2000 | VI | 21670P |

**ANN:** "This is the United States Armed Forces Radio and Television Service" — **V.** by QSL-card, only available to overseas listeners.
**PUB:** Program schedule published in January & July.

## WYFR-FAMILY RADIO

**ADDR: USA:** 290 Hegenberger Road, Oakland, Calif. 94621.
**Te:** (415) 0568-6200 — **England:** P.O. Box 157, London, NW1 — **Germany:** Postfach 1453, D-5272 Wipperfürth, West Germany. **India:** c/o Revd. Alexander, Tekkali, Andhra Pradesh, So. India 532201.
**L.P:** Pres: Harold Camping. Administrator: Edward Garbarino. Dir. Tec: Wes Becker. Prgr. Mgr: Thomas A. Schaff. St. Mgr: Daniel Elyea. Dir. International Rel: Richard H. Homeres.
**STATIONS:** Okeechobee, Florida (G.C: 80.56W/27.27N): 8x100kW, 2x50kW SW-tr's.

**Nov 4th 1984 — March 2nd 1985**

| kHz | kW | kHz | kW | kHz | kW |
|---|---|---|---|---|---|
| 5985 | 100 | 9680 | 100 | 15215 | 100 |
| 6015 | 100 | 9705 | 50 | 15355 | 100 |
| 6065 | 50 | 9715 | 50 | 15365 | 50 |
| 6095 | 100 | 9845 | + | 15380 | 100 |
| 6105 | 100 | 9852.5 | 100 | 15385 | 100 |
| 6155 | 100 | 11720 | 100 | 15440 | 100 |
| 6160 | 100 | 11740 | 100 | 15566 | 100 |
| 6175 | 100 | 11800 | 100 | 17730 | 100 |
| 7130 | + | 11805 | 100 | 17750 | 100 |
| 7315 | + | 11855 | 100 | 17785 | 100 |
| 7355 | 100 | 11895 | 100 | 17805 | 100 |
| 9535 | 100 | 11925 | 100 | 17845 | 100 |
| 9550 | 100 | 11970 | 100 | 21510 | 100 |
| 9600 | 100 | 15055 | + | 21525 | 50 |
| 9605 | 100 | 15130 | 100 | 21615 | 100 |
| 9660 | 100 | | | | |

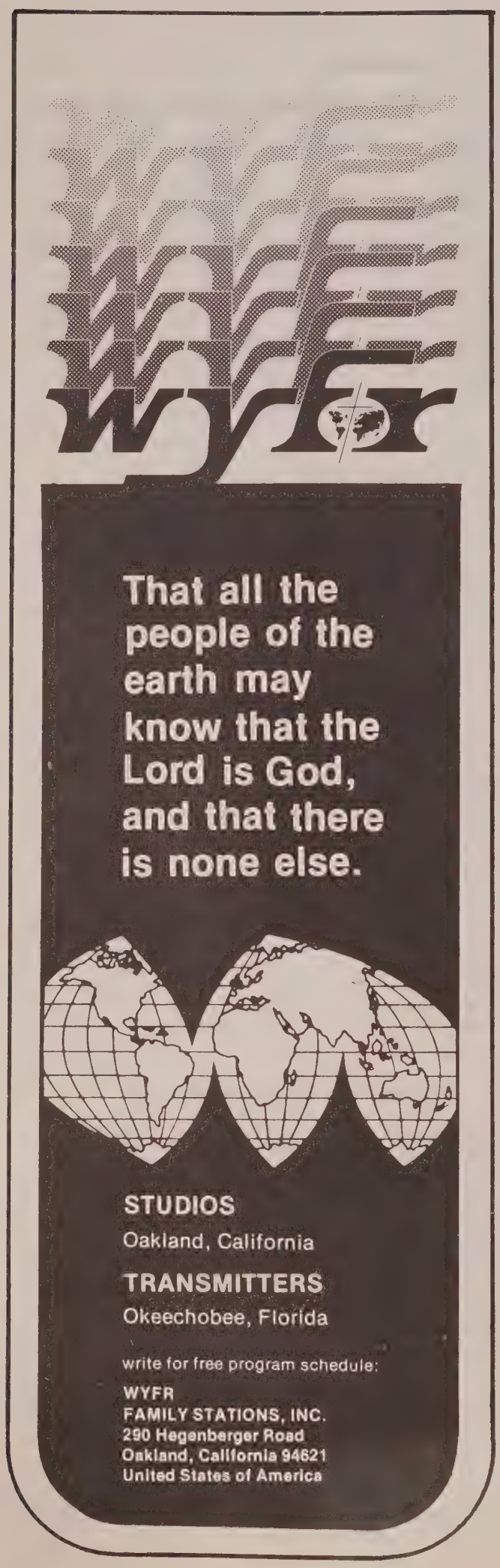
+) rel. via Taiwan.

**March 3rd — May 4th 1985 (Tentative)**

| kHz | kW | kHz | kW | kHz | kW |
|---|---|---|---|---|---|
| 5985 | 100 | 9715 | 50 | 15380 | 100 |
| 6065 | 50 | 9852.5 | 100 | 15440 | 100 |
| 6095 | 100 | 11720 | 50 | 15566 | 100 |
| 6105 | 100 | 11740 | 100 | 17730 | 100 |
| 6185 | 100 | 11830 | 100 | 17750 | 100 |
| 7355 | 100 | 11855 | 100 | 17805 | 100 |
| 9605 | 100 | 11970 | 100 | 17845 | 100 |
| 9660 | 100 | 15130 | 100 | 21525 | 50 |
| 9680 | 100 | 15215 | 100 | 21615 | 100 |
| 9705 | 50 | 15365 | 50 | | |

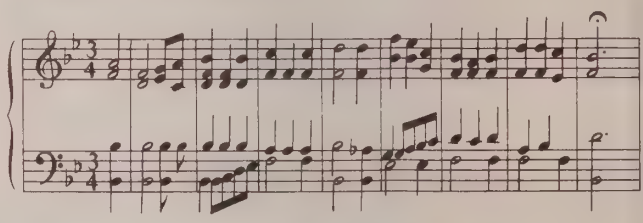
**TO EUROPE/NO. AFRICA**

| English | kHz | English | kHz |
|---|---|---|---|
| 1600-1700 | 15440, 17845, 21510, 21615 | 2300-2400 | 15355 |
| | | **German** | |
| 1900-2000 | 9852.5, 11805, 11925, 15566 | 1700-1800 | 15440, 15566, 17750, 17845 |
| 2000-2100 | 9600, 9852.5, 11805, 11925, 17845 | 0500-0600 | 6015, 7355 |
| | | **Russian** | |
| | | 0400-0500 | 7355 |
| 2100-2200 | 17845 | **Spanish** | |
| 2200-2300 | 7355, 9852.5, 15355 | 2200-2300 | 6155, 15130 |




| French | | Spanish | kHz |
|---|---|---|---|
| 1800-1900 | 9852.5, 15440, 21525 | 1300-1400 | 15440, 17730, 17785 |
| 2100-2200 | 9852.5,11925, 17845 | 1400-1500 | 17730 |
| **Italian** | | **Portuguese** | |
| 1800-1900 | 11800, 15566 | 2300-2400 | 9660 |
| 2100-2200 | 11805, 15130 | 0100-0200 | 9555, 11720 |
| **Portuguese** | | 0800-0900 | 6175, 9605 |
| 1600-1700 | 21525 | **English** | |
| 1900-2000 | 21525 | 0000-0100 | 11970 |
| **Arabic** | | 0100-0200 | 9715 |
| 1700-1800 | 21525 | **French** | |
| | | 1000-1100 | 6175, 9605 |
| **TO THE AMERICAS** | | **TO CANADA** | |
| **Spanish** | **kHz** | **English** | |
| 2200-2300 | 6155 | 1200-1300 | 5985, 6095 |
| 2300-2400 | 11855, 15215 | 1300-1500 | 5985, 9535, 15380 |
| 0000-0100 | 9660, 11855, 15215 | 1500-1600 | 5985, 15380, 21525 |
| 0100-0200 | 9660, 9715, | 1600-2200 | 15215, 15365, 15380 |
| 0200-0300 | 9660, 9715, 11720 | 2200-2300 | 15215, 15365 |
| 0300-0400 | 9680, 9715, 11720, 11855 | 2300-0100 | 6065 |
| | | **French** | |
| 0400-0600 | 9680, 9715, 11855 | 2300-2400 | 5985 |
| | | **TO CHINA (via Taiwan tr's)** | |
| 0600-0800 | 9705 | **Mandarin** | |
| 0800-0900 | 6105, 9550 | 1100-1600 | 7315 |
| 0900-1000 | 6105, 6175, 9550, 9605 | 1210-1410 | 9845 |
| | | 1420-1620 | 9845 |
| 1000-1100 | 6105, 9550 | 2100-2300 | 7315 |
| 1100-1200 | 6175, 9605 | **TO INDIA (via Taiwan tr's)** | |
| 1200-1300 | 9605, 11720, 11855 | **English** | |
| | | 1300-1600 | 15055 |

**N. in English:** 1755, 1855, 1955, 2055, 2255, 0155, 0255, 0355, 0555. **N. in Spanish:** 2350, 0250, 0550.
**INT-SIG:** "To God be the Glory".



**ANN:** "This is your Family Radio, International Broadcast Station WYFR, Okeechobee, Florida. The United States of America. G: "Dies ist Ihr Familien Radio; die Internationale Radio-Station WYFR, in Okeechobee, Florida der Vereinigten Staatan von Amerika". Sp: "Esta es Family Radio WYFR con el Sonido de la Nueva Vida transmitiendo desde Okeechobee, Florida, y con estudios de produccion ubicados en Oakland, California, Estados Unidos de Norte America".
**V.** by QSL-card from all areas. Reports & Monitors wanted.
**PUB:** International Family Radio News.

## INTERNATIONAL BROADCAST STATION KGEI

**(La Voz de la Amistad, The Voice of Friendship)**
**ADDR:** Friendship Station, Redwood City, CA 94065.
**Te:** (415) 5917374. **Cable:** Febcom Rdcy.
**L.P:** St. Mgr: J.L. Brooks. Dir. Tec: H. Rainer.
**STATION:** Redwood City (G.C: 120.13W/37.83N): 50/250kW.

| kHz | kHz | kHz | kHz |
|---|---|---|---|
| 5955 | 6010 | 7355 | 15280 |
| 5985 | 6150 | 9615 | 15355 |

**Schedule Nov 1984–Feb 1985**

**LATIN AMERICAN SERVICE** (Beam 126°): 2130-0200 on 15280kHz, 0200-1415 on 9615kHz, 1415-1600 on 15355kHz in **Spanish** exc. **English:** 2130-2200. **German:** Mon 0035-0050. **English by Radio** (in Spanish): 0205, 0550 (exc. Mon).
**N. in Spanish:** 2202, 2230 (Sun), 2300, 2330, 0000, 0100, 0130, 0200, 0230, 0301, 0400, 0430, 0455 (Sun), 0530, 0600 (Sun), 0630, 0700, 0730, 0800, 0830 (Sat), 0900, 0930 (Sun), 1000, 1100, 1130, 1200, 1230, 1301, 1330, 1400, 1430, 1500 (Sun), 1545.
**ASIAN SERVICE: Japanese:** 1130-1230 on 5985kHz; **Russian:**

0930-1130 on 6010kHz, 1230-1330 on 5955kHz, 1330-1500 on 6150kHz, 0230-0400 on 7355kHz, 0400-0630 on 6000kHz.
**ANN:** E (sign-on): "This is the Voice of Friendship, International Broadc. st. KGEI, San Francisco, Calif, the United States of America, Broadcasting to—on . . . kHz". Sp: "Esta es KGEI en San Francisco, California, Estados Unidos, La Voz de la Amistad, Transmitiendo para Mexico, Centro America, El Caribe y America del Sur, en los . . . metros, banda de—kHz".
**V.** by QSL-card (2 IRC's for surface mail, 4 IRC's for airmail). (B).

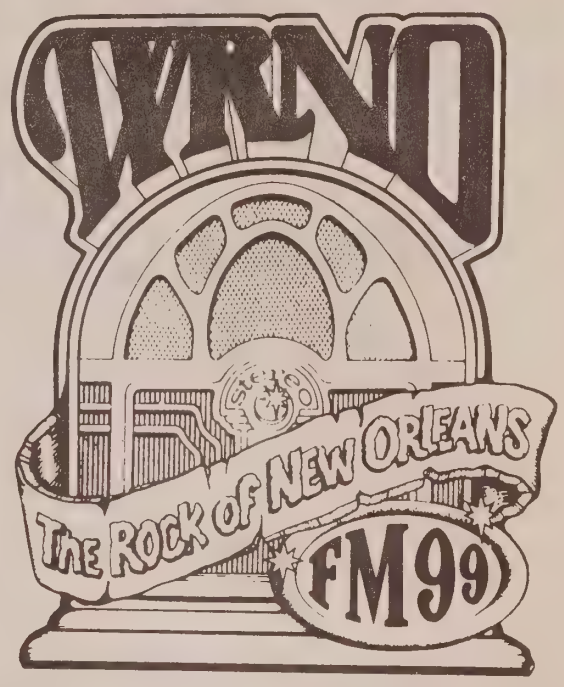
**WORLD INTERNATIONAL BROADCASTERS INC. (Rlg, Comm.)**
**ADDR:** P.O. Box 88, Red Lion, PA 17356.
**L.P:** St. Mgr: John H. Norris. Dir. Tec: Fred W. Wise.
**STATION:** WINB (G.C: 76.34W/39.54N): 1 × 50kW tr.

| kHz | kHz | kHz |
|---|---|---|
| 15145 | 15185 | 17730 |

**D.PRGR:** to We. Europe/Mediterranean/No. Africa (beam 62°): 1600-2000 on 17730kHz, 2002-2245 on 15185kHz, 2247-2345 on 15145kHz; To So. America (beam 160°): 2347-0330 on 15145kHz. Prgrs. in **English** exc. Russian Mon-Fri 1745-1800, Sat 1730-1800 & 1845-1900, Sun 1845-1900; French 2330-2345 (Wed); Greek 2330-2345 (Fri); Spanish 0030-0045, 0230-0300, 1945-2000 & 2348-2400 (Mon-Fri); Portuguese 0000-0030 (Mon-Fri); German 1830-1845 (Sat/Sun). **Traditional Latin Mass:** Sun 2200-2230.
**ANN:** "You are listening to World International Broadcasters, R. Station WINB, Broadc. from Red Lion, Pennsylvania, United States of America, on a freq. of . . . megacycles, with transmitting power of 50,000 watts". **V.** by QSL-card and prgr. schedule. (B).

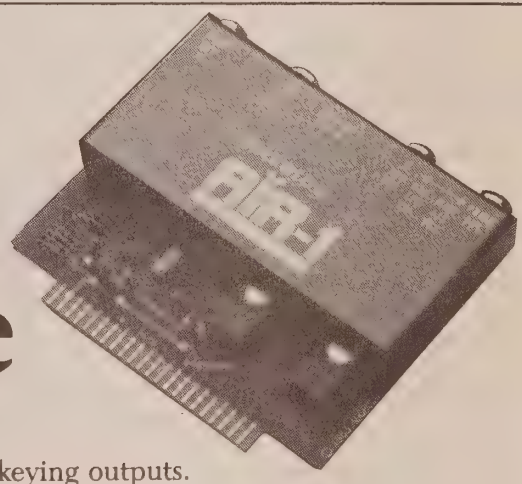
**WRNO WORLDWIDE (Comm.)**
**ADDR:** P.O. Box 100, New Orleans, LA 70181. **Te:** (504) 889-2424.
**L.P:** St. Mgr: Joseph Costello III. Features Producer: M. Bell. Gen. Sales Mgr: O.A. Goessl.
**STATION** (G.C: 90.07W/29.50N): 1 × 100kW SW-tr.


"THE ROCK OF NEW ORLEANS"
BECOMES
"THE ROCK OF THE WORLD"




WRNO/WORLD WIDE
ROCK N' ROLL ON YOUR RADIO
Now Playing in the 49, 25 & 19 Meter Band!
WRNO WORLDWIDE NEW ORLEANS LA USA

# Make Your Commodore Radio Active




The MICROLOG AIR-1 cartridge will turn your VIC-20 or C-64 into a complete Radio Teletype and Morse code terminal. Connect a shortwave radio and you'll be watching text readout from weather stations, news services, ships and HAM radio operators all over the world. A whole new use for your home computer. The AIR-1 contains both program in ROM and radio interface circuit to copy Morse code and all speeds and shifts of radio teletype. Plus the on screen tuning indicators mean you never have to take your eyes off the video for perfect tuning.

For Ham radio use, the Air-1 will also send and receive RTTY/CW with AFSK/PTT & ± CW keying outputs.

The AIR-1 will even tell you what Morse speed you're copying and provide built-in send/receive code practice! With keyword or manual printer control for permanent paper copy, you won't miss a single bit of the action.

If you've been looking for something to spice-up your computing, try the ultimate "peripheral" and connect your computer to the AIR-1.

The complete AIR-1 for the VIC-20 or "64" is $199. (With 4 mode AMTOR, $279.) See it at your local dealer or call Microlog Corporation, 18713 Mooney Drive, Gaithersburg, Maryland 20879. TEL: (301) 258-8400. Telex: 908153.

MICROLOG
INNOVATORS IN DIGITAL COMMUNICATION

COMING SOON
TO THE INTERNATIONAL
SHORTWAVE BANDS
WORLD SERVICE BROADCASTING'S
NDXE
"WORLD CLASS RADIO"
THE WORLD'S NEWEST HI-TECH BROADCAST MEDIUM. OFFERING COMMERCIAL PROGRAMMING 24 HOURS A DAY:
NEWS, SPORTS, WEATHER AND GENERAL INTEREST BROADCASTS FOR EVERYONE – EVERYWHERE ON PLANET EARTH!
*For Programming Schedules or Advertising Information write:*
NDXE WORLD SERVICE BROADCASTING
P.O. BOX 569, OPELIKA, ALABAMA, USA 36801
NDXE – "WORLD CLASS RADIO"

**Schedule: Nov. 4th 1984 — March 2nd 1985**

| kHz | H. of tr. | kHz | H. of tr. | kHz | H. of tr. |
|---|---|---|---|---|---|
| 6020 | 0200-0400 | 9715 | 1200-1400* | 15420 | 1600-1800 |
| 6185 | 0400-0600+ | 11965 | 1400-1600* | | 2000-2200 |
| 9705 | 0000-0200 | | 2200-2400 | 17775 | 1800-2000 |

*) Sun only — +) Sun 1200.
**D.PRGR:** Mon.-Fri 1600-1800 Rlg, 1800-0600 contemporary music; Sat/Sun Rlg. public sce. and short music prgrs.
**N.** (CBS): 20 min's past the h; (ABC): 15 min's to the h.
**DX-Prgr:** World of Radio, produced by Glenn Hauser: Sat 0530; Sun 0230, 1400.
**V.** by letter (B).

### NDXE WORLWIDE (Comm.)

**ADDR:** World Sce. Broadc. Corp, Box 569, Opelika, Alabama 36801. **Te:** (205) 749-1898.
(Addr. in New York: 80 Wall Str, No. 415, New York, NY 10005. **Te:** (212) 425-3158. **Cable:** SLATERPAT).
**L.P:** Gen. Mgr: H.D. Norman. St. Mgr: M.P. Norman. Chief Eng: W. Rudd. Prgr. Mgr: J. King. Op's Mgr: D.G. Mann.
**STATION:** Opelika (under construction): 2×100kW tr's expected to begin operation in 1985, to be followed by 2×500kW tr's (stereo operation).
**D.PRGR:** Freqs and scehdule to be announced. Prgrs will consist of news, music, major sports, in-depth coverage of financial, scientific and technological developments etc. Languages used will be English, French, Japanese, Portuguese and Spanish.

### WMLK (Rlg.)

Operated by the Assemblies of Yahweh.
**ADDR:** P.O. Box C, Bethel, PA 19501.
**L.P:** Dir: Elder Jacob O. Meyer. St. Mgr: Gary McAvin. Chief Eng: Tadd Bueb.
**STATION:** (G.C: 76.17W/40.29N): 1×50kW SW-tr.

| kHz | H. of tr. | kHz | H. of tr. |
|---|---|---|---|
| 15110 | 1700-1900 | 15150 | 0400-0600 |

**D.PRGR:** St. due to test acc. to the above schedule. Not on the air at time of editing.

### BBC DELANO RELAY

**STATION:** (G.C: 119.17W/35.45N): 6055/9765/11820kHz 250kW. Tr's operated by the Voice of America, relaying BBC Spanish Sce. to Latin America. Full details in BBC schedule under United Kingdom.

### BBC GREENVILLE RELAY

**STATION:** (G.C: 77.22W/35.35N): 9515kHz 250kW. Tr. operated by the Voice of America, relaying BBC World Sce. to So. America. Full details in BBC schedule under United Kingdom.

### RADIO EARTH INTERNATIONAL, INC. (Priv/Comm.)

**ADDR:** 1724 Sherman Ave, Evanston, Ill 60201.
**Te:** (312) 492-9300. **Telex:** 703572 RADIOEARTH UD.
**L.P:** Chmn: Michael D. Poulos. Pres: J. Ringstrand Beebe. Exec. Vice-Pres & Gen. Mgr: Jeff White. Vice-Pres Op's: John Freberg.
**D.PRGR:** "The World": W 0300-0400, Sun 1700-2200 on 11700kHz via R. Clarin, Dominican Rep. (Times/freq subject to change). Prgrs include N, features and music. Write for current schedule. Rp.
**ANN:** "This is R. Earth presenting "The World" to the World.
**V.** by QSL-card. Rp.

WORLDWIDE COMMERCIAL RADIO...FROM THE CARIBBEAN
DAVID MONSON
RUDY ESPINAL
JEFF WHITE
radio EARTH
...presenting the world to the world
Radio Earth International, Inc.
1724 Sherman Avenue
Evanston, Illinois 60201 USA
Telephone: 312-492-9300
Telex: 703572 RADIO EARTH

# UNITED NATIONS

## RADIO AND VISUAL SERVICES DIVISION

**ADDR:** United Nations, New York, N.Y. 10017. **Te:** (212) 754-6934. **Cable:** Unations New York. **Telex:** 232422.
**L.P:** Sec. Gen: Javier Perez de Cuellar; Under-Sec-Gen. for Public Inf: Y. Akashi; Dir. Radio and Visual Sces Div: M. Martin; Principal Officer: Y. El-Ayouty; Chief Visual Service: E.N. Valters; Ag. Chief Radio Service: Y. El-Ayouty; Deputy Chief Radio Sce: U.S. Rana; Chief Feature Prod. Sec: P. Hollander; Ag. Chief Television News: M. Bolotsky; Chief Photos and Exhibits Sec: J. Ralph; Ag. Chief Central Sces. Sec: Mrs. H. Galiana;

**Radio Regional Units/Sections:** Ag. Chief Anti-Apartheid Prgr. Sec: S. Rowe; Chief News and Central Prgrs Sec: J. Tanton; Chief African Unit: S. Rowe; Chief Asian Unit: S. Indrakamhaeng; Ag. Chief Caribbean Unit: Ms. C. Henry; Ag. Chief European Unit: Mrs. S. Halman; Ag. Chief Latin American/Iberian Unit: J. Ulate-Segura; Chief Middle East Unit: T. Jabri: Chief North American Unit: Ms. T. Jorgensen.

### BROADCAST OF MEETINGS IN ENGLISH/FRENCH

When the UN broadcasts meetings of the General Assembly or Security Council, the following schedule applies (all tr's at Greenville).

| To Africa | kHz | To Middle East | kHz |
|---|---|---|---|
| 1800-2200 | 15410 | 1800-2345 | 11900 |
| 1800-2400 | 21625 | 2345-0900 | 6055 |
| 2200-2330 | 15415 | 0900-1200 | 9620 |
| 2330-0600 | 9620 | 1200-1400 | 15155 |
| 0000-0500 | 11905 | 1400-1800 | 15150 |
| 0500-1000 | 11740 | | |
| 0600-1800 | 15120 | | |
| 1000-1800 | 21670 | | |

**NB:** Morning sessions start at 1430, Evening sessions at 1800.

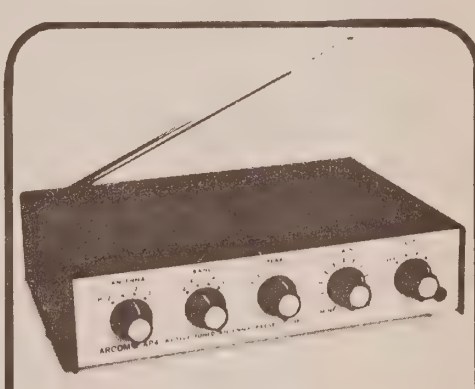
### REGULAR BROADCASTS FROM THE UNITED NATIONS

G = Greenville; T = Tangier; B = Bethany; D = Delano; M = Monrovia; P = Philippines.
I = Ce. Europe/Mid. East/No. We. & Ce. Africa; II = Eastern Caribbean and Brazil; III = We. Ce. & No. Africa; IV = Western Caribbean, Ce. & So. America; V = Africa; VI = So. Africa; VII = So. Europe & Mid. East; VIII = Ea. & No. East, So. & So. East Asia.

| Times | Area | kHz | Languages |
|---|---|---|---|
| 1830-1900 (Mon-Fri) | I | 15120/21710G *18782.5/*20060G 15360T | a+c+d |
| 1900-2000 (Mon-Fri) | III | 15120/21710G *18782.5/*20060G 15360T, 15330P | b |
| 2100-2200 (Mon-Fri) | II | 15120/17730G | a+b |
| 0000-0015 (Tues-Sat) | II/III | 11920/15115G **10235/*10380G 9715/15235M | c |
| 0030-0100 (Tues-Sat) | IV | 9565/11830/15160B | e |
| 0200-0300 (Tues-Fri) | V/VI | **10869B/*10454G 6190/11780M | b+a+f+c |
| 0200-0300 (Sat) | V/VI | **10869B/*10454G 6190/11780M | b+a+f+g |
| 0530-0600 (Tues-Sat) | III | 9540/11740G | c+a |
| 0630-0715 (Tues-Sat) | VII | 9565/11875G, *7768.5G 15245/17815T | b+h+i+j+a |
| 0730-0800 (Tues-Sat) | I | 9620/11740G *7768.5G 15245/17815T | e |
| 0815-0845 (Tues-Sat) | V | 9680/11740G 11825G,15235/17860M | a+b |
| 0930-1000 (Tues-Fri) | VIII | 9565/*8110D 15250P | I+k+a |
| 0930-1030 (Sat) | VIII | 9565/*8110D 15250P | I+k+a |

*) lower sideband — **) upper sideband.

**NEWS:** a) English, b) French, c) Portuguese, d) Arabic, e) Spanish, f) Swahili, g) Somali, h) Greek, i) Hebrew, j) Turkish, k) Japanese, l) Chinese.
For schedule of UN prgrs transmitted from Europe, please refer to "Switzerland".
Programmes from the United Nations are broadcast by stations in more than 140 countries and territories. The time of these broadcasts may be ascertained from local newspapers or from the stations concerned. Radio stations in the US and Canada receive the programmes direct by line, from UN Headquarters or by recordings. The Radio Service broadcasts by shortwave, and produces and/or distributes recorded radio programmes in Afrikaans, Arabic, Bengali, Chinese, English, French, Greek, Hebrew, Indonesian, Japanese, Lingala, Pilipino, Portuguese, Russian, Somali, Sotho, Spanish, Swahili, Thai, Tswana, Turkish, Urdu, Xhosa and Zulu.
**Message to listeners:** The R. and Visual Services Division is anxious to establish contact with as many listeners as possible and will gladly acknowledge all communications. Upon request, new correspondents are sent a prgr. sched. and some general information about the United Nations and the Specialized Agencies. Correspondence and requests for copies of the schedule of UN broadcasts should be addressed to the Director of the nearest UN information Centre. These are located in Accra, Addis Ababa, Algiers, Ankara, Antananarivo, Asuncion, Athens, Baghdad, Bangkok, Beirut, Belgrade, Bogota, Brazzavillle, Brussels, Bucharest, Buenos Aires, Bujumbura, Cairo, Colombo, Copenhagen, Dhaka, Dakar, Dar Es Salaam, Geneva, Harare, Islamabad, Kabul, Kathmandu, Khartoum, Kinshasa, Lagos, La Paz, Lima, Lisbon, Lome, London, Lusaka, Madrid, Manama, Manila, Maseru, Mexico City, Monrovia, Moscow, Nairobi, New Delhi, Ouagadougou, Panama City, Paris, Port Moresby, Port-of-Spain, Prague, Rabat, Rangoon, Rio de Janeiro, Rome, San Salvador, Santiago, Sydney, Teheran, Tokyo, Tripoli, Tunis, Vienna, Washington, D.C., Yaoundé. Requests for copies of the sched. of UN braodc. which can be heard also in the United States, should be addressed to: Radio and Visual Division, United Nations, Room 805, New York, NY 10017, USA.

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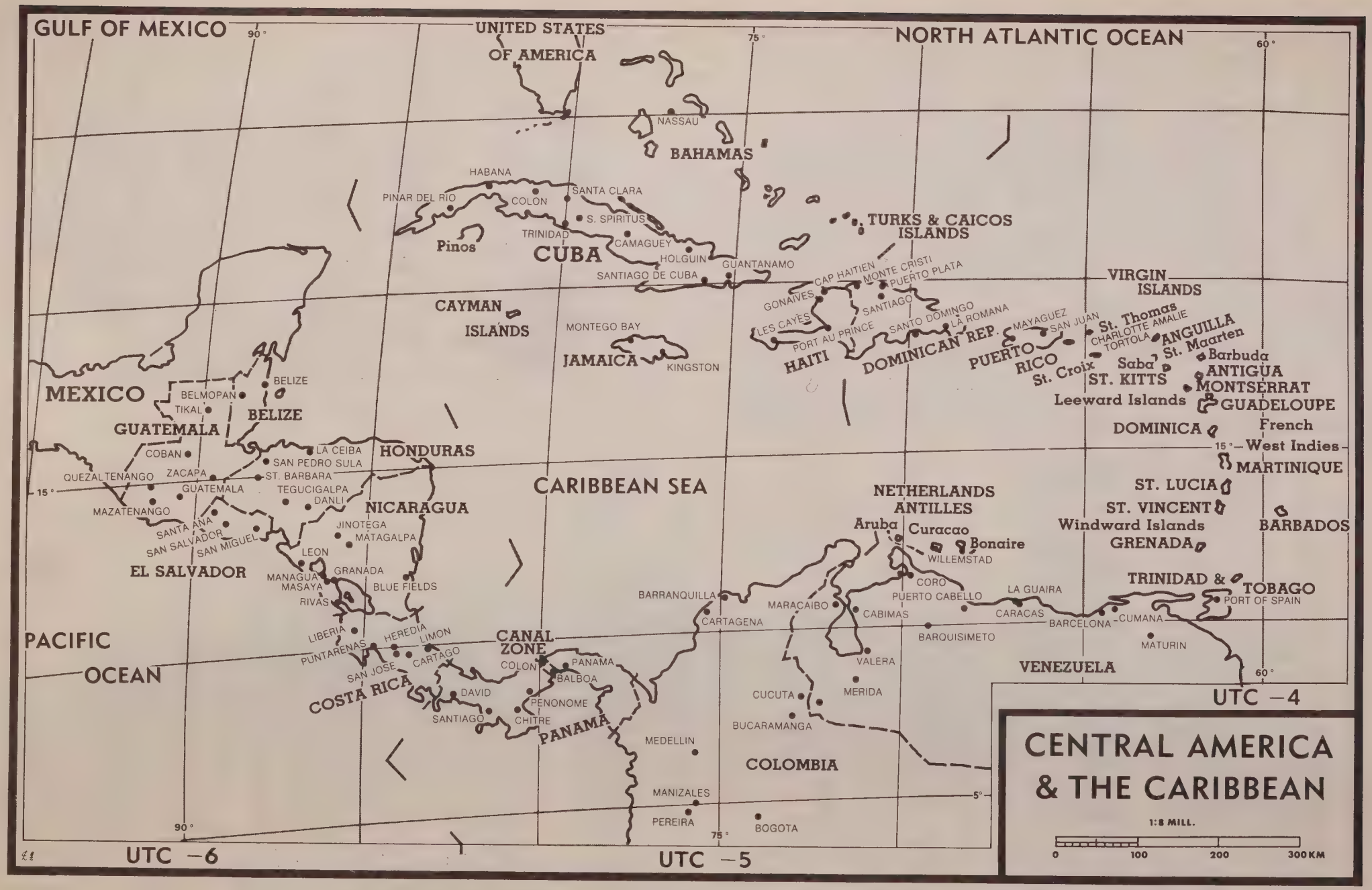
CENTRAL AMERICA & THE CARIBBEAN
1:8 MILL.
0 100 200 300 KM
GULF OF MEXICO
UNITED STATES OF AMERICA
NORTH ATLANTIC OCEAN
NASSAU
BAHAMAS
HABANA
PINAR DEL RIO
COLON
SANTA CLARA
S. SPIRITUS
TRINIDAD
CAMAGUEY
HOLGUIN
GUANTANAMO
SANTIAGO DE CUBA
Pinos
CUBA
TURKS & CAICOS ISLANDS
CAYMAN ISLANDS
MONTEGO BAY
JAMAICA
KINGSTON
CAP HAITIEN
MONTE CRISTI
PUERTO PLATA
GONAIVES
SANTIAGO
LES CAYES
PORT AU PRINCE
SANTO DOMINGO
LA ROMANA
HAITI
DOMINICAN REP.
MAYAGUEZ
SAN JUAN
PUERTO RICO
VIRGIN ISLANDS
St. Thomas
CHARLOTTE AMALIE
TORTOLA
ANGUILLA
St. Maarten
Barbuda
Saba
St. Croix
ST. KITTS
ANTIGUA
MONTSERRAT
Leeward Islands
GUADELOUPE
DOMINICA
French West Indies
MARTINIQUE
ST. LUCIA
ST. VINCENT
Windward Islands
GRENADA
BARBADOS
TRINIDAD & TOBAGO
PORT OF SPAIN
MEXICO
BELMOPAN
BELIZE
TIKAL
GUATEMALA
COBAN
QUEZALTENANGO
ZACAPA
GUATEMALA
MAZATENANGO
SANTA ANA
SAN SALVADOR
SAN MIGUEL
EL SALVADOR
LA CEIBA
SAN PEDRO SULA
HONDURAS
ST. BARBARA
TEGUCIGALPA
DANLI
NICARAGUA
JINOTEGA
MATAGALPA
LEON
GRANADA
MANAGUA
MASAYA
RIVAS
BLUE FIELDS
CARIBBEAN SEA
NETHERLANDS ANTILLES
Aruba
Curacao
Bonaire
WILLEMSTAD
CORO
PUERTO CABELLO
LA GUAIRA
CARACAS
BARCELONA
CUMANA
MATURIN
BARQUISIMETO
VALERA
MERIDA
VENEZUELA
BARRANQUILLA
CARTAGENA
MARACAIBO
CABIMAS
CUCUTA
BUCARAMANGA
MEDELLIN
COLOMBIA
MANIZALES
PEREIRA
BOGOTA
PACIFIC OCEAN
LIBERIA
HEREDIA
LIMON
PUNTARENAS
CARTAGO
SAN JOSE
COSTA RICA
CANAL ZONE
COLON
PANAMA
BALBOA
DAVID
PENONOME
SANTIAGO
CHITRE
PANAMA
UTC −6
UTC −5
UTC −4
90°
75°
60°
15°
5°

# CENTRAL AMERICA & THE CARIBBEAN (including MEXICO)

## ANGUILLA

**L.T:** UTC-4h — **Pr.L:** English.

### RADIO ANGUILLA (Gov.)

**ADDR:** The Valley, Anguilla. **Te:** 218 — **L.P:** Dir: V. Menes Hodge. Prgr. Contr. & News Editor: N.A. Hodge. Chief Eng: O. Gumbs.
**STATION:** 1505kHz 1kW.
**HOME SCE. in English:** W 1030-1330, 1600-1800, 2100-0210; Sun 1600-0210. **N:** 1100, 1300, 1600, 2300 (BBC), 0100 (VOA), 0200 (BBC).
**ANN:** "1505 Radio" — **V.** by letter. All reports will be answered.

### THE CARIBBEAN BEACON LTD. (Rlg/Comm.)

**ADDR:** P.O. Box 690, Anguilla, BWI. (Addr. in USA: Quality Media Corp, P.O. Box 7008, Columbus, GA 31908).
**L.P:** Gen. Mgr: R. Jensen. Op's Mgr: G. Hodge.
**STATIONS:** 690kHz 15kWd (beamed So.) — 1610kHz 15kWnd
**FM:** 100.1MHz 0.1kW.
**D.PRGR. in English:** 0845-0500 on 690kHz/100.1MHz, 0845-1200 & 2000-0500 on 1610kHz. **N:** 1100 (Sun), 1130(W), 0100.
**ANN:** "The Caribbean Beacon" — **V.** by QSL-card (B).

## ANTIGUA & BARBUDA

**L.T:** UTC-4h — **Pr.L:** English — **E.C:** a/c 60, 220V.

### ANTIGUA BROADCASTING SERVICE (Gov/Comm.)

**ADDR:** Radio Range, P.O. Box 590, St. John's, Antigua. **Te: (46)** 20012. **Cable:** Broadcasts, Antigua. **Telex:** 2127.
**L.P:** Gen. Mgr: S.C.A. Simon. Prgr. Dir's: Miss J. Samuel, Miss A. Galloway. Eng: Denis Leandro.
**STATION:** 620kHz 10kW.
**D.PRGRS. in English:** 0900-0500. **N:** 1100, 1300*, 1400+, 1600*, 2000*, 2310, 0400* — *) BBC, +)AFRTS.
**ANN:** "ABS Radio" or "Wherever and whenever from the ABS".
**V.** by letter.

### RADIO ZDK (Priv, Comm.)

**ADDR:** Greenville Radio Ltd, P.O. Box 1100, St. Johns, Antigua. **Te:** 21100. **Cable:** ZDK Antigua or Greenville Radio.
**L.P:** Chief Exec: Mrs. L. Bird. Prgr. Dir: I. Bird. Chief Eng: E. Phillip.
**STATIONS:** (McKinnon's): ZDK 1100kHz 10kW — **FM:** 99.0MHz.
**D.PRGRS. in English:** Mon-Fri 0956-1800, 1900-0504; Sat 0956-0504; Sun 1426-0204 — **N.** 1000, 1100*, 1400+, 1600+, 2000, 2300*, 0000, 0400* — **Wrp:** 1100, 1330, 1615. *) BBC; +) AFRTS.
**ANN:** "Magic Radio".
**F.PL:** 50kW MW and FM-Stereo — **V.** by letter.

### CARIBBEAN RADIO LIGHTHOUSE (Rlg.)

**ADDR:** Box 1057, St. Johns, Antigua. (Addr. in USA: Baptist International Missions Inc, P.O. Box 9215, Chattanooga, TN 37412, USA).
**L.P:** Dir: R. Cornelius, Dir. Tec: Curtis L. Waite.
**STATION:** 1165kHz 10kW. **FM:** 90.0MHz 0.01kW.
**D.PRGRS. in English:** 1000-0215. **N:** World N relayed from BBC.
**ANN:** "This is the Caribbean Radio Lighthouse, broadc. from Antigua". **V.** by QSL-card(B).

### BBC CARIBBEAN RELAY (Antigua)

2x250kW SW-tr's for relays of BBC World Service and Latin American Service in Portuguese and Spanish.

| kHz | kHz | kHz | kHz | kHz | kHz |
|---|---|---|---|---|---|
| 6155 | 6175 | 6195 | 9510 | 9515 | 11775 |

Full details of tr's are included in the BBC schedule under United Kingdom.
The station is also shared with Deutsche Welle for relay of DW-prgrs (see below).

### DEUTSCHE WELLE ANTIGUA

(Transmitter facilities shared with BBC).

| kHz | kHz | kHz | kHz | kHz | kHz | kHz |
|---|---|---|---|---|---|---|
| 6040 | 9650 | 9735 | 11810 | 15205 | 15355 | 17715 |
| 6085 | 9690 | 11785 | 15105 | 15275 | 15410 | 17810 |
| 9545 | | | | | | |

Full details given under D. Welle, Germany.

### VOICE OF AMERICA RELAY STATION

**ADDR:** Voice of America, Washington DC 20547, USA.
**STATION:** 1580kHz 50kW.
**D.PRGR:** 1700-1800 (1st Sun of month), 0000-0400 (relay of VOA English to the Caribbean and Central America).
For further details, refer to Voice of America listing under "USA".

## BAHAMAS

**L.T:** UTC-5h — **Pr.L:** English — **E.C:** a/c 60, 110/220V (yes).

### BROADCASTING CORPORATION OF THE BAHAMAS

**ADDR:** P.O. Box N-1347, Nassau. **Te:** (809) 32-24623. **Cable:** ZNS Nassau. **Telex:** 297 20 253.
**L.P:** Gen. Mgr: C. Johnson. Deputy Gen. Mgr: L. Hanchell. Ag. Prgr. Dir. (Radio): Mrs. C. Williams. Dir. Eng: M. Thompson. St. Mgr (ZNS3): A. Adderley.
**MEDIUMWAVES:** Nassau (ZNS1) 1540kHz 20kW, (ZNS2) 1240kHz 1kW — Freeport (ZNS3) 810kHz 1kW.
**FM:** Nassau 107.1MHz (ZNS1), 107.9MHz (ZNS2).
**D.PRGR:** 24h on all freqs. **N** (ZNS1): 0800, 1300, 1830, 2400.
**ANN:** "This is R. Bahamas". "This is R. New Providence". "This is Northern Service, R. Bahamas" — **V.** by QSL-card (B).

## BARBADOS

**L.T:** UTC-4h — **Pr.L:** English — **E.C:** a/c 50, 110/220V (yes).

### CARIBBEAN BROADCASTING CORP. (Gov, Comm.)

**ADDR:** P.O. Box 900, Bridgetown, Barbados. **Te:** (809)426-2514.
**Cable:** CABROCO — **Telex:** WB 284
**L.P:** Mgr (Radio): V. Fernandes. Chief Eng: H. Tulloch.
**MEDIUMWAVE:** The Pine, St. Michael: 900kHz 10kW.
**FM:** 98.1MHz 2.5kW (stereo).
**D.PRGR. in English:** 24h on 900kHz — **N.** Mon-Fri 1045, hourly 1100-2400, 0300, 0310; Sat 1045, 1100, 1200, hourly 1500-1900 & 2200-2400, 0300, 0310; Sun 1055, 1100, 1155, 1400, 1700, 1900, 2200, 2300, 0300, 0310. Rel. BBC 1100, 2300(W), 0300; Rel. CBC 1300(W).
**"Liberty FM Stereo":** 1000-2300 on 98.1 MHz.
**ANN:** "This is CBC Radio 900", "This is R. Liberty 98.1".
**V.** by letter. Rp. (B).
**FI:** By adv — **AD:** 12 min's per h.

### BARBADOS REDIFFUSION SERVICE LTD. (Public Co.)

**ADDR:** River Rd, Bridgetown. **Te:** (809) 426-0820.
**Cable:** Rediffusion.
**L.P:** Dir. & Gen. Mgr: F.G. Duesbury. Chief Eng: J.S.W. Marshall. Prgr. Dir: A. Pragnell (Rediffusion), J. Rogers (Voice of Barbados). Sales Mgr: A.W. Cumberbatch.
**D.PRGR:** 0958-0315. **N:** (BBC): 1100, 1600, 2000, 2300, 0300.

### THE VOICE OF BARBADOS (Comm.)

Owned and operated by Barbados Rediffusion Service Ltd.
**ADDR. & L.P:** As above.
**STATION:** Boarded Hall, St. George 790kHz 20kW.
**D.PRGR:** 0900-0500. **N:** 0930, 1030, 1130, 1230, 1630, 1930, 2030, 2130, 0130, 0330.
**ANN:** "This is the Voice of Barbados" or "This is VOB 790".
**V.** by QSL-card (B).

## BELIZE

**L.T:** UTC − 6h — **Pr.L:** English, Spanish.
**E.C:** a/c 60, 110/220V (yes).

### RADIO BELIZE (Gov, Semi Comm.)

**ADDR:** P.O. Box 89, Belize City. **Te:** (02) 2246. **Cable:** Radio Belize.
**L.P:** Dir: R.R. Villanueva. Dir. Tec: E.R. Rosado. Prgr. Organiser: D.A. Buddan.
**MEDIUMWAVES**

| | kHz | kW | | kHz | kW |
|---|---|---|---|---|---|
| Belize City | 830 | 10 | Punta Gorda | 940 | 1 |
| Corozal | 930 | 1 | San Ignacio | 940 | 1 |

**SHORTWAVES:** Belmopan 3285kHz 1kW.
**FM:** Ladyville 91.1(alt: 89.9)MHz. 10kW (advertised as FM91); relay st's (0.1kW): Punta Gorda 88.3/Independence 94.7/Dangriga 101MHz.
**D.PRGR (English, Spanish):** 1100 (Sun 1200)-0510 on all freq's.
**English:** 1100-1600, 1800-1845, 1900-2205, 0030-0505.
**N:** 1245, 1300, 1400, 1500, 1830, 2000, 2100, 0100, 0200, 0300 (BBC), 0400*, 0500*.
**Spanish:** 1600-1800, 1845-1900, 2200-0300
**N:** 1600, 1655, 1845, 2200, 2300, 2400, 0115, 0400*, 0500*.
*) English/Spanish.
**ANN:** E: "This is R. Belize, Voice of the Newly Independent Central American & Caribbean Nation of Belize". Sp: "Esta es R. Belice, la voz de la Nación Independiente de Belice en Centro America y el Caribe" — **V.** by QSL-card. Rec. acc.

## CAYMAN ISLANDS (British)

**L.T:** UTC-5h — **Pr.L:** English — **E.C:** a/c 60, 110V.

### RADIO CAYMAN (Gov/Comm.)

**ADDR:** P.O. Box 1110, George Town, Grand Cayman, BWI. **Te:** 9-4030. **Cable:** Broadcast Grandcayman.
**L.P:** Dir. of Broadc: Loxley Banks. Dep. Dir. of Broadc: Doren Miller.
**STATIONS:** Gun Bluff 1555kHz 10kW — George Town 1205kHz 1kW. — **FM:** 105.3MHz 0.25kW.
**D.PRGR. in English:** 1100-0430(Sun 0330).
**N:** W 1200, 1300*, 1500, 1700, 1900*, 2000(Sat), 2100*, 2300 (BBC), 2400, 0300. *)exc. Sat; Sun 1300, 1700, 2000, 2300, 0300.
**V.** by letter. Rec. acc.

### RADIO ICCI-FM (Educ.)

**ADDR:** The International College of the Cayman Islands, Newlands, Grand Cayman, BWI.
**L.P:** Pres: Dr. H. Cummings.
**STATION:** 101.1MHz 0.1kW(stereo).
**D.PRGR:** 2000-0500. Educational and cultural prgr's only.

## COSTA RICA

**L.T:** UTC-6h — **Pr.L:** Spanish — **E.C:** a/c 60, 120/220V(no).

### CONTROL NACIONAL DE RADIO (CNR)

**ADDR:** Ap. 10.006, 1000 San José. **Te:** 218981.
**Cable:** Radcontrol.
**L.P:** Dir: Jorge Gamboa Suárez.

### CAMARA NACIONAL DE RADIO (CANARA)

**ADDR:** Ap. 6674, 1000 San José. **Te:** 224820.
**L.P:** Pres: Arnoldo Alfara Chavarría. Secr: Luzmilda Jiménez.

### RADIO CADENA NACIONAL S.A.

**ADDR:** Ap. 4318, 1000 San José. **Te:** 219022. St's: 8), 12), 15).

**STATIONS:** All st's comm. exc. 13), 18), 26) Cultural and 19) Cultural/religious.
**Mediumwaves:** Call: TI. °) also on Shortwave.

| | Call | kHz | kW | Name and h. of tr. |
|---|---|---|---|---|
| 1) | CAL | °v530 | 2.5 | R. Rumbo, Cartago: 1030-0400 |
| 2) | SCL | 550 | 50 | R. Santa Clara, San Carlos |
| 3) | SBJ | 570 | 10 | R. Libertad, San José: 1000-0600 |
| 4) | RN | 590 | 30 | R. Nacional, San José: 1100-0600 |
| 5) | QQ | 640 | 5 | R. CUCU, San José: 1100-0800 |
| 6) | RSU | 610 | 5 | R. Sistema Universal, Guadalupe |
| 7) | TNT | 670 | 12 | R. Monumental, San José: 24h |
| 5) | JC | 700 | 12 | R. Sonora, San José: 1100-0600 |
| 8) | HB | °730 | 50 | R. Reloj, San José: 24h |
| 9) | LX | 760 | 20 | R. Columbia, San José: 24h |
| 10) | RA | v780 | 1 | R. América Latina, "R. Amiga", San José: 1000-0500 |
| 9) | W | 800 | 1 | R. Uno, San José: 1100-0800 |
| 11) | GC | 820 | 1 | R. Centro, San José: 24h |
| 12) | BAS | 850 | 18 | R. Titania, San José: 1200-0600 |
| 13) | UCR | °870 | 15 | R. Universidad, San Pedro de Montes de Oca: 1258-0400 |
| 13) | UCR | 870 | 1 | R. Universidad, Liberia: 1300-0400 |
| 7) | LDA | 890 | 1 | R. Linda, Liberia: 24h |
| 14) | QM | 910 | 5 | R. Metrópolis, San José: 1100-0600 |
| 5) | JJ | 930 | 3 | R. Juvenil, San José: 24h |
| 15) | ECO | 960 | 5 | R. Eco, San José: 1200-0600 |
| 16) | RI | °980 | 20 | R. Impacto, Alajuelita |
| 17) | MIL | 1000 | 10 | R. Mil, San José: 24h |
| 7) | TNT | 1020 | 1 | R. Monumental, San Isidro de Puntarenas: 24h |
| 18) | AC | 1040 | 1 | R. Fides, San José: 1100-0400 |
| 9) | LX | 1060 | 50 | R. Columbia, Liberia: 24h |
| 19) | FC | °1080 | 5 | Faro del Caribe, San José: 1030-0400 |
| 19) | FC | 1080 | 1 | Faro del Caribe, Ciudad Quesada |
| 19) | FC | 1080 | 1 | Faro del Caribe, Chomes |
| 20) | SCR | 1120 | 20 | R. Chorotega, Guanacaste |
| 7) | STHB | °1120 | 10 | R. Sonido 1120, San José: 1100-0600 (v1125) |
| 7) | TNT | 1140 | 1 | R. Monumental, Perez Zeledon: 24h |
| 9) | EXX | 1160 | 5 | R. Columbia, Puntarenas: 24h |
| 21) | Q | r1176v | 1 | R. Casino, Limón: 1100-0600 (nom. 1180) |
| 22) | PJ | 1180 | 5 | R. Victoria, San Francisco de Heredia: 1100-0500(r1124) |
| 23) | TG | 1200 | 2 | R. Doce, San José: 1400-0600 |
| 21) | R | 1220 | 1 | R. Casino, Limón: 1100-0600 |
| 9) | LX | 1240 | 2 | R. Columbia, Nicoya |
| 24) | HN | 1260 | 6 | R. Emmaus, San Vito de Coto Brus |
| 25) | HT | 1280 | 2 | R. Alajuela, Alajuela: 1000-0600 |
| 1) | LC | 1300 | 2.5 | R. La Fuente Musical, Cartago |
| 9) | LX | 1320 | 2 | R. Columbia, San Carlos: 1030-0500 |
| 26) | HR | 1340 | 1 | R. Sideral, San Ramón: 1100-0500 |
| 7) | TNT | 1360 | 1 | R. Monumental, Limón: 24h |
| 27) | CJ | 1400 | 12 | R. Sinai, San I. de El General: 1000-0400 |
| 7) | TNT | 1420 | 1 | R. Monumental, Nicoya: 24h |
| 28) | — | r1425 | 1 | R. Guapiles, Guapiles |
| 29) | DVC | 1440 | 2 | R. San Carlos, San Carlos |
| 9) | LX | 1460 | 1 | R. Columbia, Limón: 1030-0500 |
| 9) | AW | 1480 | 1 | R. Puntarenas, Puntarenas: 1100-0600 |
| 27) | ASF | 1500 | 1 | R. Cima, San Carlos: 1000-0500 |
| 8) | LX | 1520 | 2 | R. Columbia, Ciudad Quesada: 24h |
| 30) | ASD | 1540 | 1 | R. Lira, San José: 1400-1900, 0000-0300 |
| 31) | FQ | 1560 | 5 | R. Nicoya, Nicoya: 1100-0400 |
| 32) | MS | 1580 | 1 | R. Guanacaste, Liberia |
| 33) | AT | 1600 | 0.25 | R. Cultural de Buenos Aires, Amumbri |
| 34) | BA | 1600 | 0.25 | R. Cultural de Buenos Aires, Buenos Aires |
| 35) | JV | 1600 | 1 | R. Quepos, Quepos |
| 36) | LVT | 1600 | 1 | La Voz de Talamanca, Amubre |
| 37) | LGJ | 1600 | 1 | R. 16, Grecia |
| 38) | MMC | 1600 | 1 | R. Golfito, Pto. Golfito: 24h |
| 39) | MQ | 1600 | 1 | R. Pococí, Guápiles |
| 40) | NI | 1600 | 0.25 | R. Sist. Cultural, Nicoya |
| 41) | PL | 1600 | 0.25 | R. Cultural de Pital, Pital de San Carlos |
| 42) | RCT | 1600 | 1 | R. Cultural de Turrialba, Turrialba |

**Shortwaves:**

| | | | | |
|---|---|---|---|---|
| 9) | LX | 4825 | 10 | R. Columbia, San José |
| 8) | HB | 4832 | 1 | R. Reloj, San José: 24h |
| 19) | FC | 5055 | 5 | Faro del Caribe, San José: 1030-2000, 2300-0400 |
| 21) | Q | 5954 | 1 | R. Casino, Limón: 1100-0600 (**English:** 0500-0600) |
| 8) | HB | 6006 | 1 | R. Reloj, San José: 24h |

| | Call | kHz | kW | Name and h. of tr. |
|---|---|---|---|---|
| 4) | — | 6035 | 2 | R. Nal. de Costa Rica, San José: 1000(Sun 1200)-0600 |
| 1) | CAL | v6075 | 1 | R. Rumbo, Cartago: 1000-0545 |
| 22) | PJ | r6082 | 0.25 | R. Nueva Victoria, Heredia: 1100-0500 |
| 13) | UCR | 6105 | 2 | R. Universidad S. Pedro Montes de Oca: 1300-0400 |
| 16) | RS | 6150 | 20 | R. Impacto, San Pedro Montes de Oca |
| 19) | FC | 6175 | 2.5 | Faro del Caribe: 1030-0400 |
| 19) | FC | 9645 | 1 | Faro del Caribe: See 5055 |
| 9) | LX | r15150 | | R. Columbia, San José |

**Addresses and other information:**
1) Ap. 140, Cartago — Dir: Carlos Lafuente Fernández.
3) Ap. 4075, San José — Dir: Samuel Bermúdez.
4) Ap. 7-1980, San José — Dir. Haydee Stirbu V.
5) Ap. 854, San José — Dir: J. Castro.
6) Ap. 4666, San José — Dir: Arnoldo Vargas.
7) Ap. 800, San José — Dir: Lilia de Berrocal.
8) Ap. 341, San José — Dir: Roger Barahona G.
8) Ap. 708, San José — Dir: Rolando Alfara C. & Fernando Rodríguez (TIAW: Ap. 158, Puntarenas — Gte: Eduardo Barrente Z).
10) Ap. 2525, San José 1000 — DG: F. Aguilar Bulgarelli.
11) Ap. 6133, San José — Owner: Roberto Hernández.
12) Ap. 10279, San José — Dir. & Owner: Mario Sotela.
13) Ap. 2198, San José — Dir: José Tasies Solis.
14) Ap. 7849, San José — Dir: Manuel Fresno.
15) Ap. 512, San José — Dir: F. Carazo.
16) Ap. 497, San Pedro Montes de Oca.
17) Ap. 10.001, San José — Dir: R. Giralt C.
18) Ap. 5079, San José — Dir: Jorge Campos Sandi.
19) Ap. 2710, San José — Mgr: Juan J. Ochoa F. **English** prgrs at certain times (no recent details available).
21) Ap. 287, Puerto Limón — Dir: L. Grau V.
22) Ap. 76, San José — Gte: Emilio Piedra Jimenez.
24) San Vito de Coto Brus — Adm: R. Marín P.
25) Ap. 122, Alajuela — Dir: Rubén Herrera C.
26) Ap. 73, San Ramón — Mgr: Tobias Retana C.
27) Ap. 262, San Isidro de El General — Dir: A. Coto O.
29) San Carlos — Dir: M. del Valle.
30) Calle 3 No. 2627, San José — Dir: Amando Céspedes A.
31) Nicoya — Gte: Lindberg Quesada.
32) Liberia — Gte: M. Salgado.
**V:** The following SW-st's have verified reports: 1), 4), 8), 13), 16), 19), 21), 22).

## CUBA

**L.T:** UTC-5h (April-Sept: UTC-4h)-**Pr.L:** Spanish.
**E.C:** a/c 60, 115/120V (yes).
C: Schatz, USA.

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### MINISTERIO DE COMUNICACIONES

**Dirección General de Telecomunicaciones**
**ADDR:** Plaza de la Revolución "Jose Marti", Ciudad Habana.
**Cable:** Genpostel.
**L.P:** Dir. Tec: Carlos Martínez Albuerne.

### INSTITUTO CUBANO DE RADIO Y TELEVISION

**ADDR:** Edif. Radiocentro, 23 y L, Vedado, Habana 4.
**L.P:** Dir: Nivaldo Herrera Sardinas.
**MEDIUMWAVES:** Call: CM--.

| | Call | kHz | kW | Location |
|---|---|---|---|---|
| 1) | AA | 550 | 30 | Pinar del Río |
| 1) | NA | 550 | 1 | Manzanillo |
| 1) | IA | 560 | 0.25 | Ciego de Avila |
| 2) | EA | 570 | 60 | Santa Clara |
| 1) | MF | 580 | 5 | Baracoa |
| 1) | CA | 590 | 75/150 | La Julia |
| 1) | KA | 600 | 75/150 | Urbano Noris |
| 1) | MA | 600 | 1 | Guantánamo |
| 1) | AF | 610 | 1 | Bahía Honda |
| 1) | GA | 610 | 1 | Trinidad |
| 1) | DA | 620 | 30 | Colón |
| 1) | HA | 630 | 60 | Camagüey |
| 3) | BB | 640 | 50 | Guanabacoa |
| 1) | NH | 640 | 10 | Pilón |
| 1) | JC | 650 | 1 | Santiago de Cuba |
| 1) | NC | 650 | 1 | Media Luna |
| 3) | EB | 660 | 10 | Santa Clara |
| 1) | BC | 670 | 50 | Arroyo Arenas |
| 3) | FB | 680 | 1 | Cienfuegos |
| 1) | IC | 680 | 10 | Ciego de Avila |
| 3) | JB | 680 | 1 | Santiago de Cuba |
| 1) | EC | 690 | 50 | Santa Clara |
| 1) | MC | 700 | 1 | Guantánamo |
| 1) | GC | 720 | 1 | Trinidad |
| 1) | KC | 720 | 10 | Cacocum |
| 1) | AC | 740 | 30 | Pinar del Río |
| 1) | HC | 740 | 10 | Camagüey |
| 2) | BD | 760 | 5 | Guanabacoa |
| 3) | NB | 800 | 1 | Manzanillo |
| 3) | HB | 810 | 1 | Camagüey |
| 4) | BU | 820 | 10 | Ciudad de la Habana |
| 3) | IB | 820 | 10 | Ciego de Avila |
| 3) | KG | 820 | 1 | Moa |
| 5) | EL | 840 | 10 | Santa Clara |
| 6) | JL | 840 | 1 | Santiago de Cuba |
| 3) | LB | 840 | 10 | Las Tunas |
| 3) | OB | 840 | 1 | La Fé |
| 3) | GG | 850 | 1 | Trinidad |
| 3) | MB | 850 | 10 | Guantánamo |
| 7) | BM | 860 | 10/1 | Regla |
| 3) | GB | 870 | 1 | Sancti-Spíritus |
| 3) | AB | 880 | 30 | Pinar del Río |
| 8) | EE | 890 | 0.25 | Santa Clara |
| 8) | JE | 890 | 1 | Santiago de Cuba |
| 3) | KB | 900 | 50 | Cacocum |
| 9) | HL | 910 | 5 | Camagüey |
| 2) | DJ | 920 | 0.25 | Cárdenas |
| 3) | NG | 920 | 10 | Pilón |
| 2) | DD | 920 | 0.25 | Matanzas |
| 2) | ID | 930 | 1 | Ciego de Avila |
| 1) | JA | 930 | 1 | Santiago de Cuba |
| 2) | KD | 940 | 1 | Holguín |
| 8) | BE | 950 | 10 | Arroyo Arenas |
| 2) | GD | 950 | 1 | Sancti-Spíritus |
| 2) | FD | 960 | 1 | Cienfuegos |
| 8) | IE | 960 | 0.25 | Ciego de Avila |
| 2) | JD | 960 | 1 | Santiago de Cuba |
| 2) | LD | 960 | 1 | Las Tunas |
| 10) | BN | 980 | 1 | Guanabacoa |
| 11) | KO | 980 | 1 | Moa |
| 2) | ND | 980 | 0.25 | Bayamo |
| 12) | AL | 990 | 1 | Pinar del Río |
| 12) | AO | 1000 | 0.5 | San Cristóbal |
| 8) | HE | 1000 | 1 | Camagüey |
| 8) | ME | 1000 | 0.25 | Guantánamo |
| 12) | AM | 1010 | 10 | Guane |
| 8) | GE | 1010 | 0.25 | Sancti-Spíritus |
| 8) | KE | 1010 | 1 | Holguín |
| 12) | AP | 1020 | 1 | Bahía Honda |
| 12) | AN | 1030 | 1 | La Palma |
| 13) | JN | 1030 | 1 | Santiago de Cuba |
| 14) | CX | 1040 | 75 | La Julia |
| 15) | LQ | 1040 | 1 | Puerto Padre |
| 15) | LL | 1050 | 10 | Las Tunas |
| 15) | LO | 1060 | 1 | Amancio Rodríguez |
| 16) | MQ | 1060 | 5 | Baracoa |
| 16) | ML | 1070 | 10 | Guantánamo |
| 17) | CU | 1080 | 10 | Güines |
| 12) | AW | 1090 | 1 | Minas de Matahambre |
| 2) | DI | 1100 | 0.25 | Colón |
| 18) | KP | 1100 | 1 | Banes |
| 18) | KL | 1110 | 10 | Holguín |
| 17) | CW | 1120 | 5 | Artemisa |
| 18) | KQ | 1120 | 1 | Mayarí |
| 19) | EM | 1130 | 0.25 | Santa Clara |
| 18) | KU | 1130 | 10 | Sagua de Tánamo |
| 17) | BW | 1140 | 1 | Ciudad de la Habana |
| 20) | NN | 1140 | 1 | Media Luna |
| 20) | NQ | 1150 | 10 | Entronque Bueycito |
| 14) | CV | 1160 | 75 | La Julia |

| | Call | kHz | kW | Location |
|---|---|---|---|---|
| 20) | NW | 1160 | 10 | Pilón |
| 3) | JG | 1180 | 1 | Mayarí Arriba |
| 2) | OD | 1180 | 1 | Nueva Gerona |
| 21) | GO | 1190 | 1 | Yaguajay |
| 22) | CO | 1200 | 0.25 | San Antonio de los Baños |
| 21) | GM | 1200 | 1 | Trinidad |
| 6) | JQ | 1200 | 10 | Palma Soriano |
| 21) | GL | 1210 | 10 | Sancti-Spíritus |
| 6) | JX | 1210 | 10 | Chivirico |
| 6) | JW | 1210 | 1 | Mayarí Arriba |
| 23) | DM | 1220 | 10 | España Republicana |
| 2) | MD | 1220 | 0.25 | Guantánamo |
| 23) | DN | 1230 | 0.3 | Australia |
| 23) | DL | 1240 | 1 | Matanzas |
| 5) | EN | 1250 | 1 | Caibarién |
| 16) | MW | 1250 | 0.25 | Imiás |
| 24) | DO | 1260 | 1 | Torrientes |
| 2) | HD | 1270 | 10 | Camagüey |
| 2) | ED | 1280 | 1 | Santa Clara |
| 25) | HN | 1280 | 0.25 | Guáimaro |
| 26) | BL | 1290 | 1 | Ciudad de la Habana |
| 5) | EO | 1290 | 1 | Rancho Veloz |
| 5) | EP | 1310 | 1 | Sagua la Grande |
| 27) | OL | 1310 | 10 | La Fé |
| 2) | AD | 1320 | 0.25 | Pinar del Río |
| 28) | CP | 1330 | 0.5 | Artemisa |
| 29) | KM | 1330 | 0.25 | Banes |
| 30) | FL | 1340 | 10 | Cienfuegos |
| 30) | FM | 1350 | 1 | Aguada de Pasajeros |
| 31) | LM | 1350 | 0.25 | Puerto Padre |
| 9) | HW | 1360 | 10 | Rodolfo Ramírez Esquivel |
| 9) | HX | 1370 | 1 | Nuevitas |
| 32) | JM | 1370 | 0.5 | Santiago de Cuba |
| 9) | HY | 1380 | 10 | Jaronú |
| 33) | CM | 1390 | 1 | Jaruco |
| 8) | DE | 1400 | 0.25 | Matanzas |
| 9) | HV | 1400 | 1 | Guáimaro |
| 34) | AQ | 1410 | 1 | Pinar del Río |
| 35) | HQ | 1410 | 1 | Santa Cruz del Sur |
| 36) | DQ | 1420 | 0.25 | Colón |
| 3) | MG | 1420 | 1 | Baracoa |
| 37) | IN | 1430 | 10 | Morón |
| 38) | CL | 1440 | 0.25 | Güines |
| 37) | IL | 1440 | 5 | Ciego de Avila |
| 39) | LN | 1450 | 1 | Amancio Rodríguez |
| 40) | HO | 1460 | 0.25 | Nuevitas |
| 41) | DP | 1470 | 1 | Cárdenas |
| 42) | HR | 1480 | 0.25 | Florida |
| 43) | CN | 1490 | 0.25 | San José de las Lajas |
| 44) | KN | 1490 | 1 | Mayarí |
| 45) | KR | 1500 | 1 | Holguín |
| 46) | JU | 1520 | 1 | Palma Soriano |
| 47) | IM | 1530 | 1 | Morón |
| 48) | ES | 1540 | 1 | Sagua la Grande |
| 49) | HZ | 1550 | 1 | Sola |
| 50) | IR | 1560 | 1 | Ciego de Avila |
| 9) | HP | 1580 | 0.25 | Sta. Cruz del Sur |
| 51) | NM | 1590 | 0.5 | Manzanillo |

**Addresses and other information:**
**D.PRGR:** 1000-0500, unless otherwise stated.
1) **R. Rebelde,** (Cadena Nacional), Edif. Radiocentro, Av. 23 No. 258 (Ap. 3540), Vedado, Habana 4 — 24h. General variety prgrs incl. "Russian by Radio" several times daily.
2) **R. Reloj (CMCD),** P y 23, Vedado, Habana 4 — 24h. Continuous news with background of clock-like pulses marking the seconds. Chime, time check and "RR" in code every minute. Official st. of the ICRT's "Noticiero Nacional de Cuba", and the country's official time standard.
3) **R. Progreso** (Cadena Nacional), Infanta 105, Habana 3 — 24h. Variety prgrs ("La Onda de la Alegría").
4) R. Ciudad de la Habana, J y 15, Vedado, Habana 4 — provincial st.
5) CMHW ("W"), Ap. 376, Santa Clara — provincial network.
6) CMKC, R. Revolución, Santiago de Cuba — provincial network.
7) R. Metropolitana, J y 15, Vedado, Habana 4 — prgrs for young people.
8) CMBF, R. Musical Nacional, Av. 23 no. 258, Vedado, Habana 4 — 1200-0400. Classical music.
9) R. Cadena Agramonte, Camagüey — provincial network.
10) COCO/CMCK, El Periódico del Aire, Av. 10 no. 423, Vedado, Habana 4 — news, sports & music.
11) La Voz del Níquel, Moa.
12) R. Guamá, la Voz de la Cordillera de los Organos, Pinar del Río — provincial network.
13) R. Mambí, Santiago de Cuba.
14) **The Voice of Cuba,** Infanta 105, (6' to piso), Habana 3 — prgrs in **English** expected to start when the USA begins its "R. Martí" sce to Cuba. Schedule unknown at time of editing.
15) R. Victoria, Las Tunas — 24h (provincial network).
16) CMKS, Trinchera Antiimperialista — y CMDX, La Voz de la COA, Guantánamo — provincial network.
17) R. Cadena Habana, Calle no. 266, Vedado, Habana 4 — provincial network.
18) R. Angúlo, Holguín — provincial network.
19) CMHA, Onda Musical, Santa Clara — continuous music and timechecks.
20) R. Bayamo, Bayamo, Prov. Granma — provincial network.
21) R. Sancti-Spíritus — provincial network.
22) R. Ariguanabo, San Antonio de los Baños.
23) R. 23, Matanzas — provincial network.
24) R. Victoria de Girón, Torriente.
25) R. Rectángulo, Guáimaro.
26) R. Enciclopedia, Calle No. 266, Vedado, Habana 4 — 24h music and timechecks. **FM:** 95MHz (stereo).
27) R. Caribe, la Emisor del Archipiélago de los Cañarreos, Nueva Gerona, Isla de la Juventud.
28) R. Artemisa, Artemisa — 29) R. Banes, Banes.
30) R. Ciudad del Mar, Cienfuegos — provincial network.
31) R. Libertad, Puerto Padre.
32) R. Siboney, Santiago de Cuba — continuous music and timechecks. **FM:** 99.3MHz.
33) R. Jaruco, Jaruco—34) R. Pinar Musical, Pinar del Río (continuous music and timechecks—35) R. Santa Cruz, Santa Cruz—36) R. Llanuras de Colón, Colón—37) R. Surco, Ciego de Avila—38) R. Güines, Güines—39) R. Maboas, Amancio Rodríguez—40) R. Nuevitas, Nuevitas—41) R. Ciudad Bandera, Cárdenas—42) CMJI, R. Florida, Florida—43) R. Camoas, San José de las Lajas—44) R. Mayarí, Mayarí—45) R. Holguín Musical, Holguín (continuous music and timechecks)—46) R. Baracoa, Palma Soriano—47) R. Morón, Morón—48) R. Sagua, Sagua La Grande—49) R. Cubitas, Sola—50) R. Musical Avileña, Ciego de Avila (continuous music and timechecks)—51) R. Granma, Manzanillo.

**RADIO HABANA, Cuba**
**ADDR:** Apartado 7026, La Habana. **Te:** 7-4954.
**STATIONS** (G.C: 82.30W/23.00N): 50/100kW. Freqs marked * are relays via USSR tr's.

| kHz | kHz | kHz | kHz | kHz | kHz | kHz |
|---|---|---|---|---|---|---|
| 6060 | 7135* | 9590* | 9730 | 11725 | 11950 | 15300 |
| 6090 | 9525 | 9640 | 9770 | 11760 | 11970 | 17705 |
| 6140 | 9550 | 9695* | 11710 | 11850 | 15230 | 17750 |

I = No. Europe — II = Mediterranean/Africa — III = No. America — IV = Caribbean — V = So. America.

| English | Area | kHz |
|---|---|---|
| 1700-1800 | II | 9695* |
| 2010-2140 | I | 11850 |
| 2050-2140 | IV | 15300 |
| | | 17750 |
| 2200-2300 | I | 7135* |
| 0100-0450 | VI | 6140 |
| 0100-0600 | IV | 11725 |
| 0330-0600 | III/IV | 6090 |
| 0630-0800 | III | 9525 |
| **French** | | |
| 0830-0930 | II | 9730 |
| 1600-1700 | II | 9695* |
| 1830-2010 | II | 11850 |
| 2000-2140 | II | 11710 |
| | | 11950 |
| 2100-2200 | I/II | 7135* |
| | | 9550 |
| 0300-0330 | III/IV | 6090 |
| **Creole** | | |
| 1100-1200 | IV/V | 9640 |
| 0200-0300 | IV/V | 9550 |

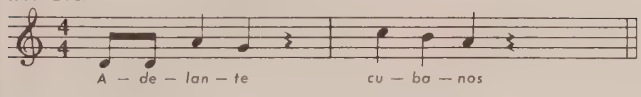
| Guarani | Area | kHz |
|---|---|---|
| 2200-2300 | V | 11970 |
| **Quechua** | | |
| 1000-1050 | V | 11760 |
| 2200-2300 | V | 11710 |
| **Portuguese** | | |
| 0730-0830 | II | 9730 |
| 0900-1000 | V | 9550 |
| 2000-2100 | II | 9590* |
| | | 9695* |
| 2300-2400 | V | 11970 |
| **Arabic** | | |
| 1500-1600 | II | 9695* |
| 1650-1750 | II | 15230 |
| | | 17705 |
| **Spanish** | | |
| 0630-0730 | II | 9730 |
| 0930-1045 | V | 9730 |
| 1800-2000 | II | 9590* |
| | | 9695* |
| | | 11710 |
| | | 11950 |

**Please see "Last Minute Information" for late changes to Cuban Home Sce listings.**

**Spanish to the Americas**

| Times | kHz |
|---|---|
| 1100-1645 | 9550, 15230, |
| 1100-1820 | 17705, 11760 |
| 1100-2040 | 15300, 17750 |
| 2200-0050 | 6060, 11760 |
| 2200-0200 | 9550 |
| 2200-0600 | 9770, 15230 |
| 2300-0600 | 11710 |
| 0000-0245 | 11970 |
| 0100-0300 | 6090 |
| 0300-0600 | 6060, 9550 |

**INT-SIG**




**V.** by QSL-card — **PUB:** Prgr. schedule free on request.

### R. MOSCOW RELAY

**STATIONS:** (G.C: 82.30W/23.00N) 100/50kW.
**D.Prgr:** Rel. USSR Home Sce and special prgrs for Soviet citizens in Ce. America on 4765kHz, and rel. R. Moscow prgrs to Americas on various SW freqs (details not available at time of editing).

### AFRTS STATIONS (US Navy)

**ADDR:** FPO New York 09593, USA.
**STATION:** Guantánamo Bay: 1340kHz 0.25kW.
**FM:** 102MHz 0.4kW (stereo) — 103MHz 0.05kW.
**D.PRGR:** 24h on 1340kHz/102MHz; Relay of AFRTS SW-Sce. on 103MHz.

## DOMINICA

**L.T:** UTC – 4h — **Pr.L:** English — **E.C:** a/c 50, 240V.

### DOMINICA BROADCASTING CORPORATION (Gov/Comm.)

**ADDR:** Victoria Str, Roseau, Dominica. **Te:** 3283. **Cable:** RADOM Dominica.
**L.P:** Mgr: Mrs. M. Solomon. Prgr. Dir: M. Durand. Chief Tech: G. Buckmire. Admin. Officer: Miss J. Pascal.
**STATION:** Hillsborough 595kHz 10kW.
**D.PRGR. in English:** 1000-0230. **N:** On the h.
**French Patois** (local dialect): 2100-2200.
**ANN:** "Right on target, Right on time, Information One, for the people of Dominica" — **V.** by QSL-card.
**F.PL:** 20kW.

### RADIO CARIBBEAN (Comm.)

**ADDR. & L.P:** as for R. Caribbean, St. Lucia.
**STATION:** Roseau 1210kHz 10kW.
**D.PRGR:** Relay of R. Caribbean (see details under St. Lucia).
**V.** by letter.

### GOSPEL BROADCASTING CORPORATION (Rlg)

**ADDR:** P.O. Box 205, Roseau, Dominica, WI.
**L.P:** Gen. Mgr: R. Rusticus. Chief Eng: G. Buckmire. Prgr. Dir: H.E. Pascal.
**STATION:** Stow Estate: ZGBC 1060kHz 10kW.
**FM:** 99.1/102.1MHz.
**D.PRGR. in English:** 0930-0300. **N.** (BBC): 2200.
**ANN:** "This is the Caribbean Voice of Life, from Dominica".
**V.** by letter (B).

## DOMINICAN REPUBLIC

**L.T:** UTC-4h — **Pr.L:** Spanish — **E.C:** a/c 60, 110V (yes).

### DIRECCION GENERAL DE TELECOMUNICACIONES

**ADDR:** Calle Isabel la Catolica, Santo Domingo. **Te:** 682-2244.
**Cable:** Telecom — **L.P:** DG: Antonio Rodríguez Molina.
**STATIONS: Mediumwaves:** Call: HI--; Pto = Puerto; Sto = Santo; S = San; ° = Shortwave; * = inactive.

| | Call | kHz | kW | Name and h. of tr. |
|---|---|---|---|---|
| 1) | CM | 540 | 5 | R. ABC, Sto. Domingo: 0900-0500 |
| 2) | AA | °560 | 5 | R. Ritmos, Santiago: 1200-0200 |
| 3) | MS | 570 | 5 | R. Cristal, Sto. Domingo: 24h |
| 4) | DV | 590 | 10 | R. Santa Maria, La Vega: 0900-0400 |
| 5) | JR | 610 | 5/1 | R. Acción, Santiago: 24h |
| 6) | SD | °620 | 10 | R. TV Dominicana, Sto. Domingo: 0830-0600 |
| 7) | AF | 630 | 1 | R. Monte Cristi: 1100-0200 |
| 8) | AT | 650 | 50 | R. Universal, Sto. Domingo: 24h |
| 9) | AM | 660 | 2 | R. Quisqueyana, Santiago: 0930-0500 |
| 10) | LB | 670 | 1 | R. 670, San Pedro de Macoris: 0900-0345 |
| 11) | JX | 680 | 3 | R. Zamba, Santiago Rodríguez: 0900-0300 |
| 12) | AW | 690 | 10 | R. Guarachita, Sto. Domingo: 0900-0400 |
| 13) | DC | v700 | 1 | R. Mao Valverde: 1100-0200 |
| 14) | AQ | °720 | 5 | R. Norte, Santiago: 0900-0600 |
| 15) | Z | 730 | 10 | Broadc. Nal. Sto. Domingo: 0930-0600 |
| 16) | DB | 750 | 5 | R. Alegre, Santiago: 0930-0600 |
| 17) | CO | 760 | 5 | R. Sto. Domingo: 24h |
| 18) | MD | 770 | 0.5 | R. Tamboril, Tamboril: 1000-0400 |
| 19) | BO | 780 | 0.5 | R. Constanza: 1200-0200 |
| 20) | L | 790 | 5 | La Voz del Trópico, Sto. Domingo: 1000 (Sun 1100)-0400 |
| 21) | AZ | °820 | 5 | R. Santiago: 0900-0400 |
| 22) | JB | 830 | 10 | R. HIJB, Sto. Domingo: 0930-0430 (Sun 1100-0400) |
| 23) | ABA | 840 | 5 | R. Isabel de Torres, Pto. Plata: 0900-0400 |
| 24) | LR | 860 | 50 | R. Clarin, Sto. Domingo: 0900-0500 |
| 25) | OR | 880 | 1 | R. Sta. Cruz de Mao, Valverde: 0900-0200 |
| 26) | PJ | 890 | 5 | R. Continental, Sto. Domingo: 0930-0500, Sun 1030-0400 |
| 27) | BN | 900 | 5 | R. Puerto Plata: 0900-0400 |
| 28) | VG | 910 | 5 | R. La Vega, La Vega: 1000-0400 |
| 29) | BA | 920 | 5 | R. Diamante, Sto. Domingo: 1000-0600 |
| 30) | CK | 930 | 10 | Ondas del Yaque, Santiago: 0930-0400 |
| 30x) | — | 950 | 10/5 | R. Popular, Santiago |
| 31) | FF | 960 | 5 | La Voz del Atlántico, Pto. Plata: 1000-0600 |
| 32) | PV | 970 | 0.5 | R. Cumbre, Villa Tapia: 1100-0400 (r1470) |
| 33) | FA | 980 | 5 | La Voz de las Fuerzas Armadas, Sto. Domingo: 1000-0400 |
| 34) | SA | 990 | 5 | R. Cibao, Santiago: 1000-0300 |
| 35) | HG | 1000 | 1 | R. Beler, Dajabón: 1000-0200 |
| 36) | JP | 1010 | 10 | R. Comercial, Sto. Domingo: 24h |
| 37) | DL | 1030 | 10 | R. Variedades, La Vega: 1000-0400 |
| 38) | ON | 1040 | 10 | R. Central, Sto. Domingo: 24h |
| 39) | CB | 1050 | 10 | La Voz de la Hispanola, Santiago: 0900-0400 |
| 40) | KF | 1060 | 1 | R. Azua: 1000-0200 |
| 41) | RV | 1060 | 1 | R. Mar 1060, San Pedro de Macoris: 0900-0300 |
| 42) | BI | 1070 | 10 | HIBI Radio, S. Francisco de Macoris: 0900-0600 |
| 43) | MC | v1080 | 0.5 | R. Programas Quisqueya/ La Cadena Azul, Sto. Domingo: 1000-0430 (r 1068) |
| 44) | JM | 1090 | 3 | R. Amistad, Santiago: 0900-0400 |
| 45) | HD | 1100 | 1 | R. Oriente, San Pedro de Macoris: 1000-0400 |
| 46) | MP | 1100 | 1 | R. Ocoa, San Jose de Ocoa: 1200-0400 |
| 47) | PS | v1100 | 1 | R. Nagua, Nagua: 0900-0200 |
| 48) | RS | 1100 | 1 | R. Jimani, Jimani: 1100-0100 |
| 49) | JJ | 1110 | 1 | R. Jarabacoa, Jarabacoa: 1000-0400 |
| 50) | CN | 1120 | 5 | R. Antillas, Sto. Domingo: 0930-0500, Sun 1200-0300 |
| 51) | RL | °1130 | 10 | R. Exitos, Santiago: 24h |
| 52) | RA | 1140 | 5 | R. Anacaona, San Juan: 1100-0300 |

| | Call | kHz | kW | Name and h. of tr. |
|---|---|---|---|---|
| 53) | AS | °1150 | 5 | Onda Musical, Sto. Domingo: W 0945-0500, Sun 1000-0200 |
| 54) | BG | 1160 | 5 | Radiolandia, Santiago: 0900-0400 |
| 55) | — | 1170 | 1 | **F.Pl:** New st. Monte Cristi |
| 56) | BE | °1180 | 10 | R. Mil, Sto. Domingo: 0900 (Sun 1030)-0400 |
| 56x) | AG | 1190 | 5 | R. Azul, Santiago: 1000-2400 |
| 57) | BS | 1200 | 1 | R. Dial, La Voz de la Serie 23, San Pedro de Macoris: 1000-0400 |
| 58) | MR | 1200 | 1 | R. Monte Rio, Azua: 0900-0300 |
| 59) | CJ | 1210 | 5 | R. Merengue, S. Francisco de Macoris: 0900-0500 |
| 60) | N | 1220 | 10 | R. HIN, Sto. Domingo: 1000-0600 (Sun 1100-0500) |
| 61) | MB | 1230 | 1 | R. Ideal, Moca: 1000-0300 |
| 62) | AU | 1240 | 3 | La Voz de la Libertad, Pto. Plata: 0900-0400 |
| 58) | CV | 1240 | 5 | R. Barahona, Barahona: 0900-0400 |
| 63) | BC | °1250 | 5 | R. Progreso, San Francisco de Macoris: 0900-0500 |
| 64) | T | 1260 | 1 | R. Vision, Sto. Domingo: W 0930-0400, Sun 1100-0300 |
| 94) | OS | 1260 | 1 | R. Marien, Dajabon: 0930-0200 |
| 6) | SD | 1270 | 1 | R. TV Dominicana, Santiago: 0830-0500 |
| 65) | TA | 1270 | 1 | R. Ambiente, Baní: 0930-0300 |
| 72) | HZ | 1280 | 0.5 | R. Monte Plata, Sabana Grande de Boya |
| 66) | VM | 1280 | 1 | R. Bonao, Bonao: 1000-0200 |
| 67) | GA | 1290 | 5 | R. Guarocuya, Barahuna: 1000-0400 |
| 68) | VD | 1290 | 0.5 | R. Janico, San Jose de las Matas: 1000-0130 |
| 69) | KQ | 1300 | 1 | R. Radio, Sto. Domingo: 0900-0400 |
| 70) | MH | 1310 | 0.5 | R. Real, La Vega: 1100-0400 |
| 6) | SD | 1310 | 1 | R. TV Dominicana, El Seibo: 0930-0500 |
| 71) | AV | v1315 | 1 | R. Baní, Baní: 1100-0200 (nom. 1310) |
| 73) | — | 1330 | 10 | **F.Pl:** New st. Sto. Domingo |
| 74) | BZ | 1340 | 1 | R. Centro, San Juan de la Maguana: 1000-0300 |
| 75) | XZ | 1350 | 1 | R. Listin, Sto. Domingo: 1100-0700, Sun 1300-0400 |
| 76) | MG | 1360 | 1 | R. Rutas Musical, La Romana: 1000-0400 |
| 6) | SD | 1360 | 0.25 | R. TV Dominicana, La Vega: 0830-0500 |
| 6) | SD | 1360 | 1 | R. TV Dominicana, Monte Cristi: 0830-0500 |
| 6) | SD | 1370 | 1 | R. TV Dominicana, Barahona: 0830-0500 |
| 33) | FA | 1370 | 5 | La Voz de las Fuerzas Armadas, Elias Piña: 1000-0400 |
| 77) | RP | 1380 | 1 | R. El Seibo, El Seibo: 0900-0230 |
| 78) | SC | 1380 | 5 | R. Nacional, Santiago: 1000-0600 |
| 79) | AR | °v1390 | 1 | R. San Cristóbal, San Cristóbal: 24h |
| 80) | AL | 1400 | 0.25 | Ondas del Valle, La Vega: 1100-0200 |
| 6) | SD | 1400 | 1 | R. TV Dominicana, San Juan: 0830-0500 (n1390) |
| 6) | SD | 1400 | 0.25 | R. TV Dominicana, Pedernales: 0830-0500 |
| 81) | AE | 1410 | 1 | "La Gran Musical", Sto. Domingo: 24h |
| 82) | RM | v1410 | 3 | R. Sol. Higüey: 0900-0400 |
| 83) | — | 1410 | 1 | R. Gri Gri, Rio San Juan |
| 58) | PK | 1410 | 1 | R. Neyba, Neyba: 1000-0400 (n1580) |
| 84) | ED | 1420 | 0.25 | R. Oro, Cotui: 0900-0200 |
| 85) | LF | v1430 | 0.25 | R. Cayacoa, Higüey: 0900-0300 (n. 1440) |
| 86) | FS | v1440 | 1 | R. Bahia, Nagua: 1000-0400 |
| 87) | AD | 1440 | 5 | R. San Juan, San Juan: 1100-0200 |
| 88) | AK | r1440 | 5 | R. Renuevo, Santo Domingo |
| 89) | AC | v1450 | 5 | R. Util, Salcedo: 1000-0300 |
| 90) | AN | 1460 | 0.5 | R. Renacimiento, Hato Mayor: 0900-0400 |
| 91) | DE | 1470 | 1 | R. San Francisco, S. Francisco: 1000-0400 |
| 92) | EH | v1470 | 1 | R. Sur, Barahona: 0900-0400 |
| 93) | AH | 1480 | 1 | R. Disco, Sto. Domingo: 1000-0600 |
| 6) | SD | 1490 | 1 | R. TV Dominicana, Pto. Plata: 0830-0600 |
| 96) | AP | v1500 | 2 | R. Ronda, Moca: 1100-0300 |
| 6) | SD | 1500 | 1 | R. TV Dominicana, San Pedro de Macoris: 0830-0500 |
| 97) | PA | 1500 | 0.25 | R. Color, Higüey: 1000-0230 |
| 98) | BL | v1510 | 10 | R. Pueblo, Sto. Domingo: W 1000-0500, Sun 1200-0200 |
| 99) | JN | 1530 | 0.25 | R. 1530, Santiago: 1000-0400 |
| 100) | BD | 1540 | 0.25 | La Voz de la Romana: 0930-0400 |
| 101) | FB | 1540 | 1 | R. El Mundo "La Reina", Sto. Domingo: W 1000-0400, Sun 1100-0200 |
| 102) | TS | 1550 | 10 | R. Enriquillo, Tamayo: 0900-0300 |
| 58) | PZ | 1560 | 1 | R. Pedernales: 0900-0200 |
| 103) | JZ | 1560 | 5 | R. Maiba, Santiago: 0900-0400 |
| 104) | AJ | v1570 | 5 | R. Amanecer, Sto. Domingo: 1000-0300 |
| 105) | RJ | 1570 | 0.5 | R. Juventud, La Romana: 0930-0400 (n1250) |
| 106) | — | 1570 | 1 | **F.Pl:** New st. Jarabacoa |
| 107) | WJ | 1580 | 0.5 | R. Samana, Samana: 1000-0200 |
| 108) | DA | 1590 | 3 | R. Hit Musical, Santiago: 1100-0300 |
| 109) | EG | v1600 | 5 | R. América/R. Revalación, Sto. Domingo: W 1100-0500, Sun 1200-0400 |

**Shortwaves:** Call: HI--.

| | | | | |
|---|---|---|---|---|
| 4) | AU | v3205 | 5 | La Voz de la Libertad, Pto. Plata: irr. |
| 14) | AQ | v4800 | 1 | R. Norte, Santiago (n. 4750): irr. |
| 56) | BE | r4930 | 1 | R. Mil, Sto. Domingo (n. 4940) |
| 58) | CV | 4930 | 5 | R. Barahona, Barahona: irr. |
| 6) | SD | v5967 | 50 | R. TV Dominicana, Sto. Domingo, (n. 5970): irr. |
| 21) | — | r6049 | 1 | R. Santiago (n. 6045): 0930-1300, 2130-0400 |
| 79) | — | 6160 | 0.25 | R. San Cristóbal |
| 62) | — | r6190 | 0.5 | La Voz de la Libertad, Pto. Plata: irr. |
| 6) | SD | 9505 | 50 | R. TV Dominicana, Sto. Domingo: irr. |
| 24) | UA | v11700 | 50 | R. Clarin, Sto. Domingo: 1100-0500 |

**Addresses and other information:**

1) Ap. 1486, Sto. Domingo — Dir: J. Gonzalez.
2) Ap. 581, Santiago — Dir: Johannes W. Streese.
3) Ap. 819, Sto. Domingo — Dir: Elizado Dickson.
4) Ap. 55, La Vega — Dir: Pedro Carlos Rodríguez S.J.
5) Ap. 556, Santiago — Gte: Jaime Nelson Rodríguez.
6) Ap. 965, Sto. Domingo — Dir. Gen: Lic. Hatuey Decamps. Sub. Dir: Dario Cordero.
7) Ap. 52, Monte Cristi — Dir: Rafael O. Moscoso C.
8) Ap. 2000, Sto. Domingo — Gte: Alberto Jana.
9) Ap. 26, Santiago — Dir: P.M. Santana.
10) Calle Duarte 55, San Pedro de Macoris — Own: A. Lebrón Y.
11) Ap. 2, Santiago Rodríguez — Dir: Manuel de Js. Thomas B.
12) Calle Palo Hincado 302, Sto. Domingo — Dir: R.A. Aracena.
13) Calle Duarte 49, Mao — Pres: J. Raposo P.
14) Ap. 320, Santiago — Owner: Antonio Pérez.
15) Ap. 68, Sto. Domingo — Dir: Frank Hatton.
16) Ap. 112, Santiago — Dir: Andrés Vanderhorst.
17) Ap. 2772, Sto. Domingo — Gte: Antonia Rodríguez.
18) Calle Real 125, Tamboril — Dir: A. Dajer B.
19) Calle Duarte 17 esq. Salome Ureña de Henriques, Constanza — Dir: R.M. Tactuk.
20) Ap. 335, Sto. Domingo — DG: Joaquin Custals P.
21) Ap. 282, Santiago — Dir: Luis F. Moscoso F.
22) Ap. 416, Sto. Domingo — Dir: Pedro M. Ornes.
23) Emilio Prud'Homme, Puerto Plata — DG: Antonio D. Brisso.
24) Ap. 205, Zona 2, Sto. Domingo — Dir: Carlo Garrido P.
25) Ap. 80, Valverde — Dir: G. Aquino R.
26) Ap. 156, Sto. Domingo — Dir: P. Justiniano P.
27) Ap. 183, Pto. Plata — Dir. Gen: Waldo R. Musa.
28) Ap. 203, La Vega — Dir: F.G. Sanchez G.
29) Ap. 928, Sto. Domingo — Dir: R. Corporán de los Santos.
30) Ap. 225, Santiago de los Caballeros — Dir. Gen: Roque Candelario L. Lenares.
31) Calle Duarte 65, Pto. Plata — Pres: A. Badui.
32) Av. Duarte 36, Villa Tapia — Mgr: P. Jimenez.
33) Ap. 1350, Sto. Domingo — DG: F.T. Baez Berg.
34) Ap. 141, Santiago — Dir: E. Pou.
35) Av. Pablo Reyes 9, Dajabon — Dir: Américo Garcia.
36) Ap. 1322, Sto. Domingo — Dir. Ing: Andrés J. Brea G.
37) Ap. 267, La Vega — Dir: Mauricio C. Fernandez.

38) Ap. 1270, Sto. Domingo — DG: Teo Veras.
39) Ap. 454, Santiago — Dir: V. Amaurymatos.
40) Calle Emilio Prud'Homme 17A, Azua — Dir: J.A. Félix A.
41) Ap. 476, San Pedro de Macoris — Dir: D. Aguilo Hidalgo.
42) Ap. 201, San Francisco de Macoris — Dir: J.A. Gonzalez B.
43) Edif. Jaar, Calle El Conde Esq. Espaillat, Sto. Domingo — Dir: V.M. Furment U.
44) Ap. 561, Santiago — Dir. Gen: José E. McDougal G.
45) Ap. 64, San Pedro de Macoris — Dir: Virgilio Donastorg.
46) Calle Canada, San José de Ocoa — Dir: Felipe A. Isa P.
47) Calle Colón 66, Nagua — Pres: P. Riggio.
48) 19 de Marzo, Jimani.
49) Ap. 10, Jarabacoa — Dir: J.J. Batista.
50) Ap. 389, Sto. Domingo — Dir: Rubén Camilo.
51) Ap. 791, Santiago — Dir: Teo Veras.
52) Ap. 37, San Juan de la Maguana — Dir: M.A. Rojas F.
53) Ap. 860, Sto. Domingo — Mgr: M. Baez A.
54) Ap. 187, Santiago — DG: Waldo Pons Cabral.
55) Monte Cristi — Own: José Leonidas Rodríguez.
56) Ap. 1372, Sto. Domingo — Dir: Joaquim Jiménez J.
56x) Ap. 1470, Santiago — Dir: L. Atíles.
57) Ap. 142, San Pedro de Macoris — Dir: Calazan Omar Cepeda.
58) Empresas Radiofónicas S.A, Ap. 201, Barahona — DG: Rodolfo Z. Lama Jaar.
59) Ap. 57, San Francisco de Macoris — Dir: Ernesto Ariel Grullon Dominicana.
60) Ap. 1220, Sto. Domingo — Dir: Pedro P. Bonilla.
61) Calle Corazón de Jesus 61, Moca — Dir: N. Grullón A.
62) Ap. 244, Pto. Plata — Dir. Gen: Luis A. Pellegrin.
63) Ap. 264, San Francisco de Macoris — Dir: José Raposo P.
64) Calle Hermanos Deligne 32, Sto. Domingo — Pres: J.O. Brea.
65) Ap. 12, Bani — Dir: R. Cintrón.
66) Calle 30 de Mayo, Barahuna.
67) Calle Libertad 15, Bonao.
68) Av. Libertad 2, Jánico — Dir: A. Casanova.
69) Ap. 209, Sto. Domingo — Dir: R.A. Martinez G.
70) Calle J. Rodriguez 76-A, La Vega — Dir: F. Holguin.
71) Calle Duarte 27 Sur, Bani — Dir: Marcos E. Bello D.
72) Calle 21 no. 35, Sabana Grande de Boya — Dir: Juan A. González.
73) Orbe S.A, Edif. Cumbre, Apro. 507, Santo Domingo.
74) Ap. 65, San Juan de la Maguana — Dir: Ivan A. Ramirez.
75) Ap. 68, Sto. Domingo — Dir: L.O. Urena.
76) Ap. 207, La Romana — Dir: Jorge Garib Mitre.
77) Ap. 266, El Seibo — Dir: J. Manuel Pérez.
78) Ap. 11, Santiago — DG: Aquilino R. Balaeuer, Nombrito Wehbe.
79) Ap. 214, San Cristóbal — Dir: Marcos A. Bello D.
80) Ap. 102, La Vega — Dir: D. Valerio.
81) Calle 18 No. 158, Ens. la Fe, Sto. Domingo — Dir: H. Hernandez L.
82) Ap. 96, Higüey — Dir: Ramón Morales Sánchez.
83) Rio San Juan — Dir: A.M. Abud.
84) Calle 27 de Febrero 53, Cotui — Dir: P.S. Inoa.
85) Ap. 101, Higüey — Dir: Luis F. Rijo.
86) Calle Duarte 76, Nagua — Dir: Juan Fco. Santos H.
87) Ap. 88, San Juan — Dir: L.P. González.
88) Santo Domingo.
89) Ap. 2, Salcedo — Dir: Pedro M. Bencosme G.
90) Ap. 304, Hato Mayor — Dir: E.F. Astacio R.
91) Ap. 201, San Francisco de Macoris — Dir: Silvio Collado G.
92) Ap. 201, Barahona — DG: Rodolfo B. Lama.
93) Edif. Martinez, Suite 305, Av. 27 de Febrero esq. Juan Barón Fajardo, Sto. Domingo — Gte: José J. Pérez.
94) Calle Presidente Henriquez 53, Dajabón — Dir: Padre Roberto Alonso S.J.
96) Ap. 213, Moca — DG: Gabino Nuñez Rosa.
97) Ap. 158, Higüey — DG: Pedro A. Sánchez.
98) Ap. 1099, Sto. Domingo — Owner: Poncio Pou S.
99) Ap. 835, Santiago — Dir: Pedro Baez.
100) Calle Gral. Luperon 10, La Romana — Pres: N. Marinez.
101) Calle César Nicholás Pensón 157, Sto. Domingo.
102) Ap. 99, Enriquillo, Tamayo, Bahoruco — Gte: Gerardo Rogmans.
103) Ap. 42, Santiago — Dir: Julio Caballero.
104) Ap. 1500, Sto. Domingo — Dir: Marcelino Peña.
105) Ap. 151, La Romana — DG: Francisco Micheli V.
106) Hotel Montana, Jarabacoa — Own: José Castro.
107) Ap. 124, Samaná — Dir: F. del Toro.
108) Ap. 513, Santiago — Dir. Gen: Manuel A. Jorge Arias.
109) Calle César Nicholás Pensón 118-B, Sto. Domingo.
**V:** SW verifications received from st's 21), 27), 56), 62).

# EL SALVADOR

**L.T:** UTC-6h — **Pr.L:** Spanish — **E.C:** a/c 60, 110/220V (yes).

## ADMINISTRACION NACIONAL DE TELECOMUNICACIONES, ANTEL

**ADDR:** Centro de Gobierno, San Salvador. **Cable:** Presantel.
**L.P:** Pres: Tte. Cnel. Julio César Gómez.

## ASOCIACION SALVADOREÑA DE EMPRESARIOS DE RADIODIFUSIÓN

**ADDR:** Ap. Postal 210, San Salvador — Pres: José Infantozzi.
**STATIONS:** Call: YS—. **H. of tr:** 1100-0600 generally.

| | Call | kHz | kW | Name, location and h. of tr. |
|---|---|---|---|---|
| 1) | HV | 540 | 10 | R. Señorial, San Salvador: 1200-0500 |
| 2) | FG | 550 | 0.5 | R. Variedades, Sonsonate |
| 3) | DR | 570 | 10 | R. Cadena Central, Santa Ana |
| 3) | KR | 570 | 10 | R. Cadena Central, San Miguel |
| 3) | KT | 570 | 10 | R. Cadena Central/Radiorama, San Salvador |
| 4) | NK | 600 | 3 | R. Exitos, San Salvador |
| 5) | SS | 610 | 10 | R. Nacional, Morazan |
| 6) | LN | 630 | 10 | La Monumental, 630, San Salvador |
| 5) | SS | 655 | 10 | R. El Salvador, San Salvador (r.610) |
| 5) | SS | 680 | 10 | R. Nacional, Cabañas (r.610) |
| 7) | QR | 700 | 5 | Auto Radio, San Salvador |
| 8) | — | r700 | 1 | Onda Romantica del Hogar, Sta. Tecla |
| 9) | RS | 720 | 1 | Cir. YSR, Sonsonate |
| 9) | RA | 720 | 1 | Cir. YSR, Santa Ana |
| 9) | R | 720 | 5 | Cir. YSR, San Miguel |
| 9) | RU | 720 | 1 | Cir. YSR, Usulután |
| 9) | R | 720 | 10 | Cir. YSR, San Salvador: 1130-0500 |
| 5) | SS | 760 | 10 | R. Nacional, Santa Ana (r.610) |
| 10) | KLB | 760 | 5 | R. Universal, San Miguel |
| 10) | KLC | 760 | 10 | R. Universal, Sonsonate |
| 10) | KLD | 765 | 10 | R. Universal, Usulután |
| 10) | KL | 770 | 10 | R. Universal, San Salvador |
| 10) | KLD | 780 | 10 | R. Universal, Usulután (r. 765) |
| 11) | AX | 810 | 10 | La Voz Panamericana, San Salvador |
| 12) | FA | 810 | 2 | R. Lorenzana, San Vicente: 1000-0400 |
| 13) | PX | 830 | 4 | R. Pax, San Miguel |
| 14) | FB | 840 | 5 | R. Vanguardia, San Salvador: 1000-0430 |
| 15) | RC | 860 | 1 | R. Tecana, Santa Ana |
| 16) | AR | 870 | 1 | R. 10, San Salvador |
| 2) | CD | 880 | 0.5 | R. Oromontique, Santiago de Maria |
| 17) | LA | 890 | 1 | R. Musical, Santa Ana |
| 18) | QJ | r905 | 10 | Radiópolis, San Salvador (n. 900): 1030-0300 |
| 19) | TG | 930 | 5 | R. Sonora, San Salvador: 1100-0500 |
| 19) | TG | 930 | 1 | R. Sonora, Sonsonate |
| 19) | TG | 930 | 1 | R. Sonora, San Miguel |
| 19) | TG | 930 | 1 | R. Sonora, Santa Ana |
| 19) | TG | 930 | 4 | R. Sonora, Ahuachapán |
| 19) | TG | 930 | 1 | R. Sonora, Zacatecoluca |
| 20) | HG | 950 | 1 | R. Minuto, San Miguel |
| 21) | TW | 960 | 0.25 | R. Centro, Sonsonate |
| 22) | MS | 970 | 1 | R. Centroamericana, San Salvador |
| 23) | TA | 990 | 5 | R. Clásica, San Salvador |
| 24) | HH | 1000 | 1 | Estación "H", Santa Ana |
| 25) | CA | r1015 | 10 | R. Internacional, San Salvador: 1100-0500 (n. 1020) |
| 7) | UU | 1050 | 10 | R. Cadena YSU/Mil Cincuenta, San Salvador |
| 7) | UA | 1050 | 10 | R. Cadena YSU, Ahuachapán |
| 7) | UC | 1050 | 1 | R. Cadena YSU, Usulután |
| 7) | U | 1050 | 5 | R. Mil Cincuenta, San Miguel |
| 7) | U | 1050 | 1 | R. Cadena YSU, Santa Ana |
| 7) | US | 1050 | 1 | R. Cadena YSU, Sonsonate |
| 26) | AN | 1070 | 1 | La Voz de los Ausoles, Ahuachapán |
| 27) | ME | 1080 | 1 | R. 1080, San Miguel |
| 27) | ME | 1080 | 10 | R. 1080, San Salvador |
| 28) | MG | v1090 | 3 | La Voz del Espino, Ahuachapán |
| 29) | RF | 1100 | 3 | R. Femenina, San Salvador |
| 30) | LR | 1120 | 1 | La Romántica, San Salvador |

| | Call | kHz | kW | Name, location and h. of tr. |
|---|---|---|---|---|
| 20) | LG | 1130 | 1 | R. Chaparrastique, San Miguel |
| 23) | TS | 1140 | 10 | R. El Mundo, San Salvador |
| 31) | JA | r1151v | 2 | "La Moderna", Santa Ana: 1100-0500 (n.1130) |
| 32) | CF | r1155 | 3 | Ondas Orientales, San Miguel (n. 1150): 1200-0400 |
| 2) | CB | r1175 | 0.25 | La Voz del Pacifico, Sonsonate (n. 1170) |
| 33) | VE | 1170 | 5 | La Voz Evangelica de América "R. Vea", San Salvador |
| 2) | CG | 1210 | 0.5 | R. La Paz, Zacatecoluca |
| 35) | NB | 1230 | 1 | R. Sensación, San Salvador |
| 16) | AA | 1260 | 3 | R. Teatro, San Salvador |
| 2) | QZ | 1270 | 0.5 | R. Doce Sesenta, San Miguel |
| 36) | V | °1280 | 1 | R. Comercial, Santa Ana |
| 37) | MA | 1290 | 3 | R. Chalatenango, Chalatenango |
| 38) | LV | 1300 | 5 | "La Versatil", San Salvador: 1145-0500 |
| 39) | HQ | 1330 | 10 | R. Progreso, San Salvador: 1100-0500 |
| 40) | XW | 1340 | 1 | R. Novedades, Usulután |
| 41) | JI | 1390 | 1.5 | La Voz del Litoral, Usulután |
| 42) | ON | 1470 | 2 | R. Cristal, San Salvador |
| 43) | CS | 1500 | 1 | R. Fides, Usulután |
| 44) | DA | 1500 | 2 | R. Imperial, Santo Tomás: 1100-0400 |
| **Shortwave:** | | | | |
| 5) | S | v5980 | — | R. El Salvador, San Salvador (r5995) |
| 5) | S | v9555 | 10 | R. El Salvador, San Salvador (r9585) |

**Addresses and other information:**

1) Condom. Médico, Local 23, Urb. La Esperanza, San Salvador — DG: José R. Flores Guardado.
2) Av. Sta. Mónica 9, Urb. Buenos Aires, Sonsonate — DG: Stella Zedán v. de Gudiel.
3) **Radiocadena Central S.A./Radiorama,** 25 Calle Poniente No. 113, San Salvador — DG: José R. Durán Pacheco.
4) Edif. TV2, Alameda Dr. Manuel E. Araujo, San Salvador — DG: Mario Ellerbrock Orozco.
5) Parque Venustiano Carranza, San Salvador — DG: Carlos Melendez — **V.** by QSL-card.
6) 4a Calle Oriente 224, Edif. Comercial, San Salvador — Dir: Luis Alberto Flores.
7) Av. Olimpica y Alameda Dr. M.E, Araujo, Colonia Escalón, San Salvador — DG: Julio Suvillaga Zaldívar.
8) Av. A y C, Santa Tecla.
9) **Circuito YSR** (Comm.) Ap. Postal 720, San Salvador. **Te:** 23-6744. **Cable:** Yesere — **L.P:** DG: Andrés Rovira.
10) **Radio Cadena YSKL/Universal,** Ap. 1329, San Salvador — Dir. Gen: Manuel Antonio Flores.
11) 1a Calle Poniente 3412, San Salvador — DG: Mons. Arturo Rivera y Damas.
12) Frente Costa Poniente Iglesia el Pilar, San Vicente — DG: Enrique Salazar.
13) 10 Calle Oriente 102 Bis, San Miguel — DG: José Eduardo Alvarez.
14) Pasaje Vilanova 114, entre 10 y 8 Av. Nte., San Salvador — DG: Enrique Salazar.
15) Av. Independencia, Sur 23-A, Santa Ana — DG: Rafael Aguilar Morán & Ana Josefa Castro de Sanabria.
16) Prolongación Calle Arce 2420, San Salvador — Gte: Alfonso Rivas Cañas.
17) Av. Independencia Sur y 7a, Calle Poniente, Santa Ana.
18) Edif. San Carlos 6°, Calle Poniente 3088, San Salvador.
19) Edif. Rubén Dario 501, San Salvador — DG: Roberto Castaneda.
20) 4a Av. Sur 304, San Miguel — DG: Oscar Aparicio Borjas.
21) 5a Calle Oriente 4, Sonsonate — DG: José Luis Gudiel Gutierréz.
22) Edif. San Carlos, Pje. Montalvo, San Salvador — DG: Dionisio Vega Salazar.
23) Calle y Colonia Universitaria Norte, San Salvador — DG: Betty Suarez de Teague.
24) 7a Calle Poniente 12, Santa Ana — DG: Manuel Montes Mazariego.
25) 29a Calle Oriente 218, San Salvador — DG: Enrique Ochoa.
26) Av. Morazán km 101, Ahuachapán.
27) 25 Calle Poniente 113, San Salvador — DG: Enrique Restrepo Sigui.
28) 5 Calle Poniente 1-3, Ahuachapán — DG: Alfredo Mendoza González.
29) Colonia Ponce, Calle No. 3-B, San Salvador — Dir: Hugo Francisco Monterrosa.
30) 4a Calle Oriente 516, San Salvador — DG: Luis Alberto Flores.
31) 4a Av. Norte y Calle Don Bosco 14, Santa Ana: DG: Julio Alberto Arriola H.
32) Ap. 19, San Miguel — DG: Manuel Antonio Flores.
33) Km 18½ Carretera Pan Americana, Cantón la Palma, San Martin — DG: Enríque Ramírez Castillo.
35) Calle San Antonio Abad, Frente Fabrica Nemtex, San Salvador — DG: Julio Barraza Lemus.
36) 2a Calle Poniente 43-B, Colonia Santa Lucía, Santa Ana — DG: Dr. Inf. Alejandro Calderón Vides.
37) Km. 72, Carretera, Chalatenango — DG: Mario A. Espinoza.
38) 5te. Av. Norte 1803, San Salvador — DG: Manuel de Jesus Salazar.
39) Ap. 855, San Salvador — Dir: Verónica Espinoza.
40) 4a Av. Sur 302, Usulután — DG: Oscar Aparicio Borjas.
41) 4a Av. Norte 5, Usulután — DG: José Infantozzi.
42) Cuscatancingo, San Salvador.
43) 1a Calle Poniente 3, Usulután — DG: Prbo René Romeo Rivera Arce.
44) Ap. 90, Nueva San Salvador — Gte: David E. Cardona Lara.

## GRENADA

**L.T:** UTC−4h — **Pr.L:** English — **E.C:** 50, 220V.

### RADIO GRENADA (Gov.)

**ADDR:** P.O. Box 34, St. George's, Grenada. **Te:** (444)3033.
**Cable:** Broadcasting Grenada.
**L.P:** Gen. Mgr: Norbert Fletcher. Prgr. Officer: Paul Roberts. Chief Eng: Dalton Lashley.
**STATIONS:** 535kHz 1kW — 990kHz (power unknown).
**D.PRGR:** 1000-0400. **N.** (W only): 1100*, 1600, 2030, 2300*, 2330, 0200* -*) rel. BBC World Sce.
**ANN:** "You're listening to R. Grenada" — **V.** Does not verify reports.

## GUADELOUPE

## (French West Indies)

**L.T:** UTC-4h — **Pr.L:** French — **E.C:** a/c 50, 220V (yes).

### RADIODIFFUSION FRANÇAISE D'OUTRE-MER (RFO)

**ADDR:** B.P. 402, 97163 Pointe à Pitre Cédex. **Te:** (19.590) 836320. **Telex:** 029723.
**L.P:** Dir: R. Bordy. Prgr. Dir: Mme Letellier. Head of Inf: M. Beghin.
**MEDIUMWAVES:** Pointe à Pitre 640kHz 2x20kW, Basse Terre 1420kHz 5kW. **FM:** Morne à Louis 97MHz 3kW + 5 st's 0.05kW.
**D.PRGR:** 0930-0230 (Sat 0400).
**N:** 1000, 1030 (rel. Paris), 1130, 1200, 1300, 1500, 1600, 1700, 1900, 2000, 2100, 2200, 2300, 0225.
**ANN:** "Ici Pointe à Pitre, RFO Guadeloupe".
**INT-SIG:** Biguin, played on guitar. — **V.** by QSL-card. Rp.

## GUATEMALA

**L.T:** UTC-6h — **Pr.L:** Spanish — **EC:** a/c 60, 110/120/127/220V (yes).

### MINISTERIO DE COMUNICACIONES Y OBRAS PUBLICAS
### Direccion General de Radiodifusión y Televisión Nacional

**ADDR:** 5a Ave. 13-18, Zona 1, Guatemala. **Te:** 25-0-45.
**Cable:** Digera. **L.P:** Dir. Gen: Mario Monterroso Mirón. Vice. Dir. Gen: Rodolfo Chenal Luna.

**Mediumwaves:** Call; TG —, ° = Shortwave, * = inactive.

| | Call | kHz | kW | Name, Location and h. of tr. |
|---|---|---|---|---|
| 1) | RV | 550 | 10 | R. Cinco Sesenta, Guatemala: 1200-0500 |
| 2) | AP | 570 | 0.4 | R. Palmeras, Escuintla |

| | Call | kHz | kW | Name, Location and h. of tr. |
|---|---|---|---|---|
| 3) | Y | 580 | 1 | R. Progreso, Guatemala: 1100-0700 |
| 4) | RQ | 590 | 5 | R. Quiche, Sta. Cruz: 1100-0300 |
| 5) | RC | 600 | 1 | R. Campesina, Escuintla Tiquisate |
| 6) | GA | 610 | 0.5 | R. 610, Guatemala: 1200-0700 |
| 7) | PQ | 620 | 1 | R. Occidental, San Cristóbal |
| 8) | W | °640 | 50 | R. Nal "La Voz de Guatemala", Guatemala: 24h |
| 9) | Q | 660 | 10 | La Voz de Quezaltenango |
| 10) | RT | 670 | 10 | R. Fabulosa, Guatemala: 1130-0600 |
| 11) | VP | 680 | 1 | R. Norte, Cobán |
| 12) | VB | 690 | 1 | R. Tamazulapa, Jutiapa |
| 13) | HR | 700 | 15 | R. Mundial, Guatemala: 1000-0600 |
| 14) | XL | 710 | 1 | R. Tecun Umán, Quezaltenango: 1100-0400 |
| 15) | RO | 720 | 1 | R. Corona, Morales: 1100-0500 |
| 16) | N | °730 | 10 | R. Cultural, Guatemala: 1100-0630 |
| 17) | HF | 740 | 1 | R. Tacaná, San Marcos: 1100-0500 |
| 18) | AJ | 750 | 1 | R. Tropicana, Escuintla |
| 19) | HB | 760 | 10 | Super Radio, Guatemala |
| 20) | BX | 770 | 1 | R. Fraternidad, Quezaltenango: 1000-0600 |
| 21) | O | 790 | 5 | La Voz de las Américas, Guatemala: 1030-0500 |
| 79) | YH | 800 | 1 | R. Rosa, Chiquimulilla: 1100-0500 |
| 22) | TO | 820 | 10 | R. Internacional, Guatemala: 1000-0400 |
| 23) | AV | 830 | 10 | R. Satelite, Mazatenango: 1030-0400 |
| 24) | SM | 840 | 0.35 | La Voz de San Marcos, San Marcos |
| 25) | X | 850 | 3 | R. Ciro's, Guatemala: 24h |
| 26) | FP | 860 | 1 | R. Tikal, Flores Petén |
| 27) | J | 880 | 10 | R. Nuevo Mundo, Guatemala: 1030-0500 |
| 28) | HU | 890 | 1 | R. Escuintla, Escuintla |
| 29) | MA | 900 | 1 | R. Amatique, Pto. Barrios: -0500 |
| 13) | KL | 910 | 10 | R. Emperador, Guatemala: 1000-0600 |
| 30) | RS | 920 | 0.2 | R. Sur, Escuintla |
| 31) | JL | v925 | 1 | R. Imperial, San Pedro Carcha (n. 930) |
| 32) | TL | 940 | 5 | La Voz del Hogar, Guatemala: 1200-0500 |
| 33) | AF | 950 | 1 | R. Indiana, Mazatenango |
| 34) | RU | 960 | 1 | R. Utatlán, Sta. Cruz del Quiché |
| 35) | AX | 970 | 10 | R. Continental, Guatemala: 1200-0430 |
| 36) | NQ | 980 | 0.5 | R. Retama, San Marcos |
| 37) | AL | 990 | 1 | La Voz de la Perla de Oriente, Chiquimula: 1100-0500 |
| 8) | WC | 1000 | 1 | R. Nal. "La Voz de Guatemala", Guatemala: 24h |
| 39) | RX | 1010 | 1 | R. Miramundo, Zacapa |
| 40) | CM | 1020 | 1 | R. Frontera, Pajapita: 1100-0600 |
| 41) | UX | 1030 | 10 | R. Panamericana, Guatemala: 1200-0500 |
| 42) | JP | 1040 | 1 | R. Oriental, Jalapa |
| 43) | SL | 1050 | 5 | La Voz de los Cuchumatanes, Huehuetenango: 1000-0500 |
| 45) | D | 1070 | 3 | La Voz de Occidente, Quezaltenango: 1100-0600 |
| 46) | MK | 1110 | 1 | R. Marinala, Santa Lucia: 1100-0400 |
| 48) | VR | v1135 | 1 | La Voz de la Costa Sur, Retalhuleu |
| 50) | RI | 1160 | 1 | R. Izabal, Puerto Barrios |
| 51) | RL | 1170 | 5 | R. Landivar, Quezaltenango: 1100-0500 |
| 52) | T | 1180 | 10 | R. Sonora, Guatemala: 1130-0500 |
| 53) | LU | 1190 | 5 | R. Novedad, Zacapa (r1079) |
| 54) | RJ | 1200 | 1 | R. Jutiapa, Jutiapa |
| 55) | MX | 1210 | 5 | R. Rumbos, Guatemala: 24h |
| 56) | MT | 1220 | 0.5 | R. Luminaria, Antigua |
| 57) | AT | 1230 | 0.1 | R. Atlántida, Puerto Barrios: 1100-0400 |
| 58) | K | 1240 | 5 | R. Sensación, Guatemala |
| 59) | L | 1250 | 0.5 | R. Victoria, Mazatenango |
| 60) | PA | 1260 | 1 | R. Monumental, Antigua, Guatemala |
| 61) | CQ | 1270 | 1 | R. Exclusiva, Guatemala: 1200-0700 |
| 62) | TU | 1290 | 0.5 | R. Nacional, Totonicapán |
| 62x) | — | 1290 | 1 | R. Cultural, Cobán |
| 63) | TL | 1300 | 1 | R. Tropical, Guatemala |
| 64) | AN | 1310 | 1 | La Voz de los Altos, Quezaltenango: 1130-0600 |
| 65) | ME | 1320 | 1 | R. Quezada, Jutiapa |
| 66) | MU | 1330 | 10 | Union Radio, Guatemala: 1200-0400 |
| 67) | CO | 1340 | 10 | La Voz del Tropico, Cotepeque: 24h |
| 68) | MC | 1350 | 1 | R. Municipal, Cobán |
| 41) | LK | 1360 | 10 | R. Tic-Tac, Guatemala: 1100-0500 |
| 69) | AC | 1370 | 1 | La Voz de Colombá, Colombá: 1100-0300 |
| 70) | EB | 1380 | 1 | R. Momostenango, Momostenango: 1100-1500, 2200-0200 |
| 71) | YC | 1390 | 5 | R. Istmania, Guatemala |
| 72) | IZ | 1400 | 1 | R. Caribe, Pto. Barrios: 1100-0600 |
| 73) | GH | 1410 | 0.5 | R. Xelaju, Quezaltenango |
| 74) | RP | 1420 | 1 | Canal Catorce Veinte, Guatemala |
| 75) | AG | 1430 | 0.5 | La Voz de Huehuetenango: 1800-2200, 0000-0400 |
| 76) | MS | 1440 | 0.5 | La Voz de Mazatenango, Mazatenango |
| 77) | LG | 1450 | 1 | R. Variedades, Guatemala: 1030-0830 |
| 78) | RN | 1460 | 1 | R. Petén, Isla Santa Bárbara (r1418) |
| 80) | BH | 1480 | 1 | "La RH", Guatemala |
| 81) | CO | 1490 | 1 | R. Modelo, Retalhuleu: 0900-0300 |
| 82) | DX | 1510 | 1 | R. Centroamericana, Guatemala: 1100-0500 |
| 83) | SR | 1520 | 1 | R. Superior, Coatepeque |
| 85) | CX | 1550 | 1 | R. Sultana de Oriente, Zacapa |
| 86) | VE | 1570 | 10 | R. Voz Evangelica de America, Guatemala: 1100-0600 |
| 87) | PY | 1580 | 1 | R. Payaqui, Esquipulas: 1200-0400 |
| 88) | XC | 1590 | 1 | R. Triunfadora, Chimaltenango |
| 8) | WC | 1600 | 10 | La Voz de Guatemala: 24h |

**Shortwaves:** Call: TG —. Location: Guatemala City exc. where indicated.

| | | | | |
|---|---|---|---|---|
| 90) | BA | 2360 | 0.25 | R. Maya de Barillas, Huehuetenango: 1000-1500, 2200-0400 |
| 16) | NC | 3300 | 10 | R. Cultural: 1100-1445, 2230-0430 |
| 90) | BA | 3325 | 1 | R. Maya de Barillas: as 2360kHz |
| 91) | VN | 3360 | 1 | La Voz de Nahualá, Nahualá: 1100-1400, 2100-0300 |
| 89) | TZ | 3370 | 5 | R. Tezulutlán, Cobán: 1100-1530, 2100-0230 |
| 92) | CH | 3380 | 1 | R. Chortis Jocotán, Chiquimula: 1100-1300, 2200-0300 |
| 93) | MN | 4825 | 1 | R. Mam, Cabrican: 2000-2400 |
| 89) | TZ | 4835 | 5 | R. Tezulután, Cobán: 1000-1500, 2100-0230 |
| 16) | NA | 5955 | 10 | R. Cultural: as 3300kHz |
| 66) | MUA | r5978 | 10 | Union R/AWR, Guatemala (nom. 5980): 0030-0500 |
| 66) | MUB | *6090 | 10 | Union R/AWR, Guatemala |
| 8) | WB | 6180 | 10 | R. Nal. "La Voz de Guatemala", Guatemala: 1100-0600 (Sat/Sun) |
| 8) | WA | 9760 | 10 | R. Nal. "La Voz de Guatemala", Guatemala |

**Addresses and other information:**

1) 8 Calle 1-11, Z-11, Guatemala — Dir: Edna Castillo Obregón.
2) Ave. Centroamerica 2-48, Z-3, Escuintla — Dir: F. Tres G.
3) 9a Av. 0-32, Z-2, Guatemala — Dir: G. Humberto Andrino.
4) 7 Calle 3-67, Z-5, Sta. Cruz del Quiché.
5) Lote "B" 50, Col. 15 de Junio, Z-3, Tiquisate, Escuintla — DG: Maria de Archila.
6) 14 Calle 4-73, Z-1, Guatemala — DG: Haraldo Castillo O.
7) San Cristóbal, Totonicapan — Dir: Eliseo Reyna.
8) 5a Av. 13-18, Z-1, Guatemala — Dir: Marío Monterroso Mirón.
9) Ap. 113, Quezaltenango — Dir: C. Leonel López.
10) 7a Ave. 6-45, Z-9, Guatemala — Dir: Francisco Mazá C. (St's 5, 13, 32, 14, relay st. 10 "Fabucadena de Emisoras Unidas").
11) 2 Calle 5-57, Z-3 Cobán, Alta Verapaz — DG: Guillermo Alcazar F.
12) Calle 15 Septiembre, Santa Cruz, Jutialpa — Dir: Silva L. de Azurdia.
13) 6a Av. 2-88, Z-1, Guatemala — Dir: Antonio Mourra.
14) 6a Av. 6-41, Z-1, Quezaltenango — Dir: Sra. Miriam Sosa de Cifuentes.
15) Calle Principal, Morales, Izabal — Dir: Ana de Liu.
16) Ap. 601, Guatemala (owned by Central American Mission, Box 28005, Dallas, Texas 75228, U.S.A.) — Gte: Dr. Julian Lloret. **D.Prgr:** English: Sun 1830-2030, 2345-0430; W 0245-0430.
17) 8 Calle 8-01, Z-2, San Marcos — DG: Sandra E. Rubio.
18) 6 Av. 2-45, Z-1, Escuintla — DG: Carlos Echeverria.
19) 6a Av. 15-40, Z-1, Guatemala — Dir: M.A. Rodríguez.
20) Ap. 90, Quezaltenango — Dir: Victor Morales M.
21) 11 Calle 2-43, Z-1, Guatemala — Dir: Augusto López S.
22) 37 Ave. 1-15, Z-7, Guatemala — Dir: José Monteros L.

23) Mazatenango, Such — Dir: Dolores de Diaz.
24) Palacio Maya, San Marcos.
25) 11 Calle 2-43, Z-1, Guatemala — Dir: R. Castillo S.
26) Flores Petén.
27) 6a Av. 10-45, Z-1, Guatemala — Dir: Humberto Gonzalez G.
28) Escuintla — Dir: J.R. de León.
29) Puerto arrios Izabal, Agua Caliente — Gte: Jorge Aquino Roque.
30) 4a Av. 7-30, Z-1, Escuintla — Dir: Violeta Gonzales G.
31) San Pedro Carcha — Dir: J.L. Rubio.
32) Ap. 31, Guatemala — Dir: Gehlert Gaitán.
33) 6a Av. 10-54, Z-1, Mazatenango — Dir: Guillermo Alcazar.
34) 5 Av. 4-22, Z-5, Sta. Cruz del Quiché — Dir: C.I. de Archila.
35) 15 Calle 3-45, Z-1, Guatemala — Dir: Roberto Vizcaíno R.
36) San Marcos — Dir: Florida de Díaz.
37) 7a Av. 4-00, Z-1, Chiquimula — Dir: Alfonso Liu C.
39) Palacio Nal. Ministerio de la Defensa Nacional, Guatemala.
40) Pajapita, San Marcos — Dir: Carlos Alcazar F.
41) 1 Calle 35-48, Z-7, Guatemala — Dir: Maria V. de Paniagua.
42) Calle Transito Rojas 1-59, Z-1, Jalapa — Dir: Arnoldo Morales H.
43) 2a Calle 4-42, Z-1, Edif. Herrera, Frente al Parque Central, Huehuetenango — Dir: José R. Garcia M.
45) 7a Av. 0-26, Z-2, Quezaltenango — Dir: José A. Yllescas F.
46) 5a Calle 5-26, Z-1, Santa Lucia — Dir: V.M. Marroquin.
48) Ap. 84, Retalhuleu — Dir: José E. Archila M.
50) Barrio el Carrizal Bananera Morales, Izabal — Dir: Carlos Enríque Molina.
51) 14 Av. "A" 78, Z-1, Quezaltenango — Dir: Herberto Díaz M.
52) 16 Calle 5-20, Z-1, Guatemala — Dir: Max Ruiz T.
53) 4 Calle 10-34, Z-1, Zacapa — DG: Eduardo Liu.
54) Km 117, Carr. Interoamericana, Jutiapa — Dir: Carlos E. Archila.
55) 4a Av. 1-13, Z-1 Guatemala — Dir: Roberto Bocaletti L.
56) Antiqua — Dir: Armando A. Porres.
57) Ap. 425, Puerto Barrios — Dir: Jaime Archila.
58) Ap. 281, Guatemala — Dir: Humberto Gonzales G.
59) La Libertad 9-91, Z-1, Mazatenango — Dir: Alfonso Medina.
60) Antiqua, Guatemala — Dir: Silvia Quintana.
61) 1 Calle 35-48, Z-7, Guatemala — DG: Jaime Paniagua.
62) Palacio Municipal, Totonicapan.
63) 5 Calle 0-01, Z-1, Guatemala — DG: Rafael Matta R.
64) Ap. 107, Quezaltenango — Dir: J. Cesar García P.
65) Quezada, Jutiapa.
66) Ap. 52-C, Guatemala — DG: Albino Ixcot Ordoñez — Dir: Olivia Samayda de López. **English:** 0200-0400.
67) 3 Calle 2-06, Z-1, Coatepeque — Dir: Gilberto Calderón V.
68) Cobán, Alta Verapaz.
69) Colombá — Gte: Oscar García U.
70) Momostenango, Totonicapan.
71) Ap. 1405, Guatemala — Dir. Gen: Jose E. Pérez M.
72) 8 Av. centre 15 y 16 Calles, Pto. Barríos — Mgr: E.A. Liu.
73) 4 Calle 15 A-12, Z-1, Quezaltenango — Dir: Rolando Oliva V.
74) Av. Bolivar 32-06, Z-03, Guatemala — Dir: Eduardo Soria S.
75) Ap. 13, Huehuetenango — Dir: Mauro Guzmán.
76) 2a Av. 25 Col. 30 de Junio, Mazatenango.
77) 6 Av. 2-80, Z-1, Guatemala — Dir: Josefina de Gonzales.
78) Isla Santa Bárbara — Dir: Mariano Colmenares.
79) Edif. Municipal, Chiquimulilla, Santa Rosa — Dir: Rony F. Yon.
80) Edif. el Centro, Ap. 16-11, Guatemala — DG: Macrino Blanco.
81) Retalhuleu (Ap. 183-A, Guatemala) — Dir: Guillermo Andreu C.
82) 3 Av. 6-32, Z-1, Guatemala — Dir: Carlos Peynado.
83) 3 Calle 3-38, Z-1, Coatepeque, Retalhuleu — Dir: Mario Plinio Quintana.
84) 10a Calle 7-65, Z-9, Guatemala — Dir: Mario Estupinian R.
85) Calz. M. Garcia, Centro de Oriente, Zacapa — Dir. Carlos Alarcon P.
86) Ap. 1213, Guatemala — Dir: Mario L. Moscoso.
87) 5 Av. 9 Calle, Esquina 1, Esquipulas — Dir: Albino Cuca Goméz.
88) 2 Calle 3-53, Z-3, Chimaltenango.
89) Ap. 19, Cobán, Depto. de Alta Verapaz — Mgr: Pedre Bernardino Ness.
90) Barillas, Huehuetenango — Mgr: Loran W. Veith.
91) Nahualá, Depto. Sololá — Dir: Juan F. Leppe J.
92) Centro Social Jocotán, Chiquimula — Mgr: Juan M. Boxus.
93) Escuelas Radiofónicas, Cabrican Huitán, Cabricán, Dept. Quezaltenango — Dir: Herminio Pérez L.

**V.** SW verifications received in 1983/84 from st's 8), 16), 66), 89), 91), 92), 93).

# HAITI

**L.T:** UTC-5h — **Pr.L:** French, Creole — **E.C:** a/c 50/60, 110/220V.

## CONSEIL NATIONAL DES TELECOMMUNICATIONS (CONATEL)

**ADDR:** B.P. 2002, Port-au-Prince.
**Cable:** Telepo — **L.P:** Dir. Gen: Fritz A. Michel.

**STATIONS:** all st's comm. exc. 1), 2), 3), 16) (Cult/Rlg); 13) (Cult/Gov.)
**Mediumwaves:** Call: 4V—. °) Shortwave. *) inactive.

| | Call | kHz | kW | Name and h. of tr. |
|---|---|---|---|---|
| 1) | JS | 640 | 0.21 | La Voix du Seigneur, Port-au-Prince: 1600-1800, 2300-0300 |
| 2) | I | 660 | 5 | R. Lumière, Port-au-Prince: 1000-0400 |
| 2) | IA | 720 | 5 | R.Lumière, Artibonite: 1000-0400 (n. 600) |
| 2) | IE | 740 | 1 | R. Lumière, Pignon: 1000-0400 |
| 2) | U | 760 | 5 | R. Lumière, Les Cayes: 1000-0400 |
| 2) | O | 780 | 0.5 | R. Lumière, Jérémie: 1000-0400 |
| 3) | EF | 840 | 10d | R. 4VEH, Cap Haïtien: 1000-1400, 2000 (Sun 1700)-2400 |
| | | | 1d | Mon-Fri 1400-2000, Sun 1400-1700, D 0000-0300 |
| 4) | GM | r850 | | R.M.B.C, Port-au-Prince (n. 1430) |
| 5) | — | *880 | 0.5 | La Voix du Peuple, Port-au-Prince |
| 6) | GS | 885 | 0.3 | R. Independance, Gonaïves: 1100-0400 |
| 7) | VB | 895 | 0.5 | R. Trans-Artibonite, Gonaïves: 1100-0400 |
| 9) | LF | 940 | 0.4 | R. Saint Marc, Saint Marc: 1300-0300 |
| 10) | CD | v960 | 0.3 | R. Carillon, Port-au-Prince: 1100-0300, Sun 1200-0030 |
| 11) | CPS | r988 | 0.2 | R. Cacique, Port-au-Prince (n. 990): 1100-0300 |
| 12) | P | r1020 | 0.5 | R. Petión-Ville, Petión-Ville 1000-0400 |
| 3) | EC | °1030 | 10 | R. St. 4VEH, Cap Haïtien: 1000-1400, 2000 (Sun 1700)-2400 |
| 13) | RD | °1080 | 20 | R. Nationale, Port-au-Prince: 1000-0500 |
| 15) | AB | v1150 | 1 | R. Caraibes, Port-au-Prince: 1000-0400 (r1146) |
| 16) | RS | 1170 | 10 | R. Soleil, Port-au-Prince: 1000-1400, 2200-0400 |
| 17) | AF | v1190 | 0.2 | La Voix de la Grand Anse, Jérémie: Tues/Thurs 2300-0200 (r. 1195) |
| 18) | LS | v1205 | 1 | R. Progrés, Port-au-Prince: W 1000-0500, Fri/Sun 24h (n. 1210) |
| 19) | AV | 1230 | 1 | Voix de 1'Ave Maria, Cap Haïtien |
| 20) | AM | 1280 | 10 | R. Métropole, Port-au-Prince: 24h |
| 21) | JCD | *1325 | 10 | R. Haiti-Inter, Port-au-Prince |
| 14) | EE | 1370 | 1 | R. Citadelle, Port-au-Prince: 1000-0430 |
| 22) | MM | 1370 | 1 | R. Diff. Cayenne, Les Cayes: 1100-0300 |
| 23) | SS | 1385 | 1 | R. Port-au-Prince: 1030-0400 |
| 24) | TS | 1410 | 1 | Voix du Nord'Ouest, "R. Familial", Port-de-Paix: 1200-1700, 2300-0200 |
| 4) | BM | v1430 | 1 | R.M.B.C. Port-au-Prince: 1030 (Sun 1330)-0400 |
| 25) | EA | 1460 | 1 | La Voix du Nord, Cap Haïtien: 1000-0400 |
| 5) | AA | v1475 | 0.5 | La Voix du Peuple, Port-au-Prince: 0900-0500 (n. 1470) |
| 26) | OC | 1500 | 0.5 | R. Select, Port-au-Prince: irr. |

**Shortwaves:**

| | | | | |
|---|---|---|---|---|
| 3) | EH | 4930 | 1.5 | R. St. 4VEH, Cap Haitien (r4950) |
| 4) | WA | 6156v | 2 | R. Citadelle, Port au Prince |

**Addresses and other information:**
1) B.P. 1164, Port-au-Prince — Dir: J. Simon Jn-Baptiste.
2) B.P. 1050, Port-au-Prince — Dir: Emmanuel Blaise. **English:** 0300-0400 (Sat 0500).
3) B.P. 1, Cap Haïtien (Int. addr: Box 1739, Port-au-Prince) — Gen. Mgr: Gaudin Charles. Dir. Tec: Claude Beachy. Dir. English

Prgr: Aldean Saufley. Dir Spanish Prgr: Mardy Picazo. **D. Prgr: English:** 1100-1400, 2300-2400. **Spanish:** 1000-1100, 2000-2300 on 1030/4930kHz. **French/Creole:** 1100-2000, 2300-0300 on 840/4930kHz — **V.** by QSL-card.
4) B.P. 367, Port-au-Prince — Dir Gen: Frank C. Magloire. **V.** by QSL-card.
5) Bizoton 21, Port-au-Prince — Dir: André Azor.
6) Rue Egalité 116, Gonaïves — Dir: Paul Mitton.
7) Rue Anténor Firmin 32, Gonaïves — Dir: Volny Bastien.
9) Rue Armand Thoby 20, Saint Marc — Dir: León S. Fleury.
10) Rue Dr. Aubry 159, Port-au-Prince — Dir: Camille Desmangles.
11) Bellevue 5t, Port-au-Prince — Dir: Jean Claude Carrié.
12) Rue Rigaug 71, Petión-Ville — Dir: Mme.. Veuve Carlos Hubert.
13) B.P. 1143, Port-au-Prince — Dir: Charles A. Abellard.
14) Rue 10 et 11E, Cap Haïtien — Dir: Emmanuel C. Eugene. **V.** by letter.
15) Ruelle Chavannes 23, Port-au-Prince — Dir Gen: Mme. Jane Hellmut Tippenhauer.
16) B.P. 1362, Port-au-Prince — Dir: Rev. Raymond Conrad.
17) Jérémie — Dir: Alix Felix.
18) B.P. 1174, Port-au-Prince — Dir: Lucien Sauthier.
19) Rue 19H, Cap Haïtien — Dir: Rev. François Cayot.
20) B.P. 62, Port-au-Prince — Dir: Herbert Widmaier.
21) B.P. 737, Port-au-Prince — Dir: Jean L. Dominique.
22) Rue Duivivier Hall 55, Les Cayes — Dir: Marcel Mattieu.
23) Stade Sylvio Cator, Port-au-Prince — Dir: Fred Brutus.
24) Rue Dr. François Dumber, Port-de-Paix — Dir: Strubin A. Saintil.
25) Rue 20B, Cap Haïtien — Dir. Gen: Daniel Dupuy.

## HONDURAS (Rep.)

**L.T:** UTC-6h — **Pr.L:** Spanish — **E.C:** a/c 60, 110V.

### DIRECCION GENERAL DE TELECOMUNICACIONES

Tegucigalpa. **Cable:** Gentel. **L.P:** DG: J.E. Alcerro Prudouth.

**Mediumwaves:** Call HR—; °) also on sw; r = reported.
*) inactive: H. of tr. 1100-0500 exc. where indicated.

| | Call | kHz | kW | Name, location and h. of tr. |
|---|---|---|---|---|
| 1) | ZQ | 550 | 3 | R. Tegucigalpa, Tegucigalpa |
| 2) | CZ | 560 | 3 | La Consentida, San Pedro Sula |
| 3) | RZ2 | °560 | 1 | R. Juticalpa, Juticalpa: 1040-0400 |
| 4) | LP28 | 570 | 1 | R. América, Tela |
| 5) | VW | 580 | 25 | La Voz del Centro, Tegucigalpa: 1030-0500 |
| 5) | VW | 590 | 10 | R. La Voz del Centro, Siquatepeque |
| 4) | LP8 | 590 | 10 | R. América, San Pedro Sula |
| 5) | VW | 600 | 10 | La Voz del Centro, La Ceiba |
| 4) | LP | 610 | 10 | R. América, Tegucigalpa |
| 6) | JG | 620 | 1 | R. Cadena de Oro, San Pedro Sula |
| 4) | LP4 | 620 | 1 | R. América, Sta. Rosa de Copán |
| 4) | LP27 | 620 | 1 | R. América, Danlí |
| 4) | LP7 | 630 | 1 | R. América, La Ceiba |
| 4) | LP13 | 630 | 1 | R. América, San Lorenzo |
| 7) | NW4 | 640 | 3 | R. Exitos, Tegucigalpa |
| 5) | VW | 640 | 10 | La Voz del Centro, Santa Rosa de Copan |
| 5) | VW | 650 | 50 | La Voz de Centro América, El Progreso: 1100-0600 |
| 7) | NN18 | 660 | 1 | La Voz de Honduras, La Ceiba |
| 7) | NN | 670 | 10 | La Voz de Honduras, Tegucigalpa |
| 7) | NN25 | 670 | 1 | La Voz de Honduras, Sta. Rosa de Copán |
| 7) | NN7 | 680 | 1 | La Voz de Honduras, San Pedro Sula |
| 7) | NN10 | 680 | 1 | La Voz de Honduras, Danlí |
| 7) | NN11 | 680 | 1 | La Voz de Honduras, Juticalpa |
| 7) | NN20 | 680 | 1 | La Voz de Honduras, Olanchito |
| 7) | NN30 | 680 | 1 | La Voz de Honduras, Siguatepeque |
| 7) | NN12 | 690 | 1 | La Voz de Honduras, Tela |
| 7) | NN19 | 690 | 1 | La Voz de Honduras, Choluteca |
| 7) | KL | 700 | 1 | R. Reloj, Tegucigalpa |
| 8) | RH | 700 | 5 | La Voz de Occidente, Sta. Rosa de Copán |
| 9) | LK | 718 | 1 | R. Comayagua, Comayagua (n710) |
| 10) | GO | 710 | 1 | R. Porteña, Puerto Cortéz |
| 11) | KN | 710 | 2 | R. La Voz de Olancho, Catacamas: 1000-0400 |
| 12) | NN3 | 720 | 1 | R. Caribe, La Ceiba |
| 7) | TG | 730 | 1 | R. Televisión, Tegucigalpa |
| 13) | QQ | 730 | 1 | R. Intibucá, La Esperanza |
| 14) | NN23 | 740 | 1 | R. Eco, San Pedro Sula, Cortés |
| 15) | XW | 760 | 3 | R. Comayaguela, Comayaguela |
| 7) | NN21 | 770 | 10 | R. Norte, San Pedro Sula |
| 16) | MW | 770 | 1 | R. Aguán, Aguán |
| 17) | IR | 790 | 1 | R. Relámpago, Las Vegas |
| 7) | TG3 | 790 | 3 | R. Satélite, Tegucigalpa |
| 18) | DL | r805 | 1 | R. Corporación, Comayaguela (n800) |
| 19) | LP26 | 800 | 1 | R. Sonora, Danlí |
| 20) | MD | *800 | 1 | R. Yoro, Yoro (n800) |
| 21) | RA | 800 | 3 | R. Estereo Centro, San Pedro Sula |
| 22) | LP | °810 | 3.5 | R. Valle, Choluteca |
| 23) | KW | 820 | 1 | R. Sultana, Sta. Rosa de Copán |
| 24) | XS | 820 | 2 | R. Estereo Sula, San Pedro Sula (r830) |
| 25) | MQ | 820 | 1 | R. Morazán, Comayaguela |
| 26) | VQ | 830 | 1 | R. Excelsior, Juticalpa: 1200-0400 |
| 7) | UP | 850 | 10 | R. Centro, Tegucigalpa: 1100-0400 |
| 27) | LP21 | 860 | 10 | R. San Pedro, San Pedro Sula |
| 7) | UP6 | 860 | 1 | R. Circuito R. Centro, Danlí |
| 7) | UP7 | 860 | 1 | R. Circuito R. Centro, La Ceiba |
| 7) | UP13 | 860 | 1 | R. Circuito R. Centro, Juticalpa |
| 28) | GY2 | 870 | 1 | R. Honduras, La Ceiba |
| 28) | GY5 | 870 | 1 | R. Honduras, Nacome, Valle |
| 28) | GY | 880 | 10 | R. Honduras, Tegucigalpa: 1000-0600 |
| 28) | GY4 | 880 | 10 | R. Honduras, Santa Rosa de Copán |
| 28) | GY3 | 890 | 10 | R. Honduras, San Pedro Sula |
| 28) | GY2 | 890 | 1 | R. Honduras, Siguatepeque |
| 28) | GY7 | 890 | 10 | R. Honduras, Juticalpa |
| 28) | GY9 | 890 | 1 | R. Honduras, Olanchito |
| 7) | UP8 | 900 | 1 | R. Circuito R. Centro, Choluteca |
| 29) | VS | 910 | 10 | R. La Dimensión, Tegucigalpa: 1000-0500 |
| 30) | RN1 | 920 | 1 | R. Sistema, Comayagua: 1300-0300 |
| 31) | ZV | 920 | 3 | R. Fabulosa, San Pedro Sula |
| 32) | TZ | 930 | 1 | R. Cristal, San Lorenza, Valle |
| 33) | SQ | 930 | 1 | R. Cadena Central, Isletas |
| 15) | XW3 | r944 | 5 | R. Panamericana, Tegucigalpa (n940) |
| 34) | QL | 950 | 1 | R. Centro Radial, Siguatepeque |
| 10) | ZE | 950 | 1 | R. Cortéz, Puerto Cortéz |
| 35) | SK | 950 | 3.2 | R. Catacamas, Catacamas, Olancho: 1200-0400 |
| 36) | YF | 960 | 1 | R. Fergusón, Choluteca |
| 37) | TL | 970 | 5 | R. Tic Tac, Tegucigalpa |
| 38) | ZC | r975 | 1 | R. Monumental, San Pedro Sula (n1240): 1200-0300 |
| 39) | — | r980 | 1 | R. Novedades, Comayagua |
| 40) | YG | 980 | 1 | R. Tocoa, Tocoa |
| 41) | XZ2 | 1000 | 1 | R. Unión, Comayaguela |
| 42) | LZ | 1010 | 1 | R. Campamento, Campamento, Olancho |
| 43) | LP22 | 1010 | 1 | R. Continental, San Pedro Sula |
| 44) | MH | °1010 | 5 | La Voz del Junco, Santa Bárbara: 1000-0700 |
| 45) | UW | 1020 | 0.5 | R. Michelle, La Ceiba |
| 8) | RH3 | 1030 | 1 | R. Ticante, Ocotepeque |
| 7) | UP3 | 1030 | 1 | R. Estereomil, Tegucigalpa |
| 7) | NN22 | 1040 | 2 | R. Exitos, San Pedro Sula |
| 46) | LE | 1050 | 1 | R. Mil Concuenta, San Pedro Sula (n1070) |
| 47) | LP2 | 1060 | 1 | R. Ceiba, La Ceiba |
| 48) | FA | 1060 | 1 | R. Minería, El Mochito |
| 49) | FX | 1070 | 1 | Super R. Juticalpa |
| 50) | GH | 1070 | 1 | R. Guaymuras, El Paraíso |
| 51) | LP | 1070 | 1 | R. Siguatepeque, Siguatepeque |
| 52) | XM | 1080 | 1 | R. Meridiano, Choluteca |
| 53) | ID | 1080 | 1 | R. Miramar, Tela |
| 54) | WC | 1090 | 1 | R. Aeropuerto, Comayaguela |
| 55) | QL2 | 1100 | 1 | R. La Esperanza, La Esperanza |
| 56) | VA | 1100 | 1 | R. Tiempo, San Pedro Sula |
| 57) | VL | °1100 | 1 | R. Lux, Olanchito |
| 58) | PL | °1110 | 5 | R. Progreso, El Paraíso (n1130) |
| 37) | TL | 1120 | 1 | R. Fiesta, Tegucigalpa: 24h |
| 59) | D4 | 1120 | 5 | R. Oriental, Danlí: 1100-0600 |
| 60) | BT | 1130 | 1 | R. San Francisco, San Francisco de la Paz |
| 61) | AP | 1140 | 1 | R. Mercurio, Choluteca |
| 62) | GN | 1140 | 5 | R. Palmares, La Ceiba |

| Call | kHz | kW | Name, location and h. of tr. |
|---|---|---|---|
| 63) AV | °1150 | 5 | Ondas del Ulúa, Sta. Bárbara: 0930-0400 |
| 4) LP16 | 1150 | 1 | R. Moderna, Tegucigalpa |
| 64) QN | 1150 | 5 | La Voz del Atlántico, Puerto Cortés: 1100-0400 |
| 2) GJ | 1160 | 25 | R. Swan de Honduras, San Pedro Sula |
| 65) GF | r1163 | 1 | R. El Paraíso, El Paraíso (n1160) |
| 66) AZ2 | 1170 | 1 | R. Hits, La Ceiba: 24h |
| 67) QL2 | r1170 | 1 | R. Sensación, Siguatepeque (n1160) |
| 66) AZ | °r1180 | 1 | R. Variedades, "Cadena Z", Tegucigalpa |
| 5) VW2 | v1190 | 5 | R. Metropolitana, San Pedro Sula |
| 68) DS | 1200 | 1 | R. Nacoame, Nacoame |
| 69) XO | 1210 | 1 | R. Capital, Comayaguela |
| 70) SI | r1220 | 1 | R. Roatán, Isla de la Bahía (n1200) |
| 71) YS | 1220 | 1 | R. Suari, Marcala |
| 53) QW | 1230 | 1 | R. Tela, Tela: 1200-0400 |
| 38) ZC | 1240 | 1 | R. Monumental, Tegucigalpa |
| 72) Q | 1250 | 10 | R. Suyapa/Super Q, San Pedro Sula |
| 59) YN | r1255 | 3 | R. Latina, El Paraíso (n1250) |
| 4) LP17 | 1270 | 1 | R. Universal, Tegucigalpa |
| 73) XD | 1270 | 1 | R. Manantial, Sta. Rosa de Copán |
| 74) AM | 1280 | 1 | R. Olanchito, Olanchito |
| 75) YT | 1280 | 2 | R. Estrella de Oro, San Pedro Sula |
| 76) MW26 | 1290 | 2 | R. Choluteca, Choluteca |
| 77) LR | 1300 | 1 | R. Santa Rosa, Sta. Rosa de Copán |
| 78) LH | 1300 | 1 | La Voz de la Amistad, Tegucigalpa |
| 79) XX | r1303 | 1 | R. Rumbos, San Pedro Sula (n1310) |
| 80) LR | r1307 | 2 | R. Majestad, Juticalpa (n1310) |
| 81) SW | 1330 | 1 | R. Cadena, Comayaguela |
| 82) H6 | v1340 | 10 | R. El Mundo, San Pedro Sula |
| 83) ME | r1354 | 1 | R. La Voz del Patio, La Ceiba (n1350) |
| 4) LP18 | 1360 | 1 | R. San Pedro, Tegucigalpa |
| 84) DN | 1360 | 1 | R. Trinidad, Trinidad |
| 65) TR | r1372 | 1.5 | R. Danlí, Cd. Danlí (n1370) |
| 85) CD | 1370 | 1 | R. Constelación, Juticalpa (n1340) |
| 86) ST | v1380 | 1 | R.1° de Mayo, San Pedro Sula (n1370) |
| 87) VC | °1390 | 10 | La Voz Evangélica, Tegucigalpa: 1100-0500 |
| 66) PX | °1400 | 1 | El Eco de Honduras, San Pedro Sula |
| 88) GZ | 1410 | 1 | La Voz de Atlantida, La Ceiba |
| 89) SY | 1410 | 1 | R. La Voz del Pacífico, San Lorenzo |
| 90) QO | 1430 | 1 | R. La Voz de la Costa, San Pedro Sula |
| 91) VW | 1430 | 1 | R. Maranatha, La Paz |
| 92) RD | r°1440 | 1 | R. San Isidro, La Ceiba (n1450): 1200-0500 |
| 93) IC | 1440 | 1 | La Radio del 70, Puerto Cortés |
| 94) BR | 1450 | 1 | R. Cultural de Copán, La Entrada |
| 95) XZ3 | 1450 | 1 | R. Titania, Tegucigalpa |
| 96) OX | °1460 | 1 | R. Landia, Comayaguela |
| 97) MS | 1480 | 1 | R. Galaxia, Tegucigalpa |
| 98) TX | 1500 | 1 | R. Victoria, Choluteca |
| 99) BN | 1520 | 1 | R. Presidente, Marcala |
| 100) LP23 | 1520 | 1 | R. Moderna, El Progreso |
| 101) YK | 1540 | 1 | R. Minuto, Comayaguela |
| 102) VL12 | 1550 | 2 | R. Estereo Rey, San Pedro Sula |
| 103) XU | 1570 | 1 | R. Exclusiva, Tegucigalpa |
| 104) XN | 1600 | 1 | R. Solaris, Tegucigalpa |
| 105) PC | °1600 | 1 | R. Luz y Vida, Santa Luís: 2200-0400 |
| **Shortwaves:** Call HR— | | | |
| 105) CP | r3251v | 0.5 | R. Luz y Vida, Santa Luís: 1230-1630, 2230-0430 |
| 63) AV | 4770 | 1 | R. Ondas del Ulua, Santa Bárbara |
| 3) RZ | v4780 | 0.5 | R. Juticalpa: 1040-0400 |
| 87) VC | 4820 | 5 | La Voz Evangélica, Tegucigalpa: 1030-0600 |
| 92) RD | v4840 | 2 | R. San Isidro, La Ceiba: 1200-0500 (n4845) |
| 57) VL | 4890 | 1 | R. Lux, Olanchito: 1230-0300 |
| 106) XK | 4910 | 1 | La Voz de la Mosquitia, Pto. Lempira: 1200-1400, 0000-0300 |
| 58) PL | r4920 | 1 | R. El Progreso, El Paraíso |
| 96) OX | 4965 | 1 | R. Landia, Comayaguela |
| 66) PX | r6000 | 5 | El Eco de Honduras, San Pedro Sula |
| 44) MH | 6075 | 2 | La Voz del Junco, Santa Bárbara |

**Addresses and other information:**

1) Edif. Landa Blanca, Tegucigalpa.
2) Ap. 882, Río de Piedras, San Pedro Sula—Dir: R.H. Nodarse.
3) Ap. 3, Juticalpa — Dir: Victor Rubi Z.
4) Calle Las Flores, Col. Alameda, Tegucigalpa.
5) Ap. 120, San Pedro Sula—Dir: Jorge J. Sikaffy.
6) 5 Calle, 8 Ave. Col. Río Piedras, San Pedro Sula.
7) Edif. Emisoras Unidas, Col. Florencia, Blvd. Suayapa, Tegucigalpa.
8) Cas. 206, Santa Rosa de Copán—Dir: A. Rendon P. (HRYF: Frente Telegrafos, Ocotepeque).
10) Blvd. El Centro, 8 Calle, Puerto Cortés.
11) Ba. El Centro, Catacamas, Olancho — D.G: Raúl Zaldivar G.
12) Blvd. La Isla, La Ceiba.
14) Ap. 163, San Pedro Sula.
15) 9 Calle entre 3y4 Ave., Comayaguela.
16) Aguán, Yoro.
17) Las Vegas, Santa Bárbara.
19) Danlí, El Paraíso.
20) Yoro, Yoro — Dir: I. Martínez.
21) Ap. 271, San Pedro Sula — DG: Roosevelt Assaf A.
22) Ap. 49, Choluteca — Dir: Sra. Lety Stercke de Madragon.
23) Ap. 204, Sta. Rosa de Copán — Gte: Daniel Caceres P.
24) 3 Ave. 2 Calle, Edif. Continental, San Pedro Sula.
25) 6 Ave. 20 Calle, Casa 1918, Comayaguela.
26) Ap. 28, Juticalpa, Olanchito — DG: Orlando Aguirre.
27) Ap. 364, San Pedro Sula.
28) Ap. 403, Tegucigalpa — DG: Alexis Zuniga Aleman.
30) Ap. Postal, Tegucigalpa, DC.
31) 5 Calle S.O. 10 y 11 Ave. 91, San Pedro Sula.
34) 2 Ave. entre 2 y 3 Calle, Casa 269, Siguatepeque.
35) Av. Las Acacias, Catacamas, Olancho — DG: Roger Mario Brown.
37) Ap. 771, Tegucigalpa, D.C: Dir: Elias J. Chahin Davi La.
38) Ap. 914, Tegucigalpa — DG: Fernando Humberto Gomez.
41) Frente Banadesa, Comayaguela.
44) Ap. 6, Santa Bárbara — Gte: Antonio S. Hasbun.
46) Ap. 1576, San Pedro Sula — DG: Salvador A. Handal.
48) El Mochito, Santa Bárbara.
49) Juticalpa, Olancho.
50) El Paraíso — Gte: Miguel Medina Elvir.
53) Av. Panama, Edif. Canales, Tela, Atlántida — DG: Ela Corina E. de Canales.
54) San Pedro Sula — Dir: J.A. Pena P.
56) 10 Calle entre 8 y 9 Ave., San Pedro Sula.
57) Ap. 109, Olanchito, Yoro — Gte: Guadalupe Puerto M.
58) Ap. 20, El Progreso, Yoro — Gte: Fidel Sancho.
59) Ap. 21, Edif. R. Oriental, Danlí, El Paraíso — Dir: Hernán Mendoza M.
60) San Francisco de la Paz, Olancho.
62) Av. San Isidro 3 Calle, La Ceiba.
63) Ap. 004, Santa Bárbara — DG: Benjamin E. Handal.
64) Av. 2, Calle 12 este 206, Puerto Cortés — DG: Andrés Griffin Cubas.
65) El Paraíso — Gte: Roy S. Villafranca.
66) Final Blvd. Morazán, Ap. 24, San Pedro Sula (La Ceiba: Atlántida; Col. 21 de Octubre, sector 7 bloque 1, Casa 1, Tegucigalpa)
67) 2 Ave, 2 y 3 Calle, Casa 269, Siguatepeque, Comayagua — Gte: José Antonio Baires.
68) Nacoame, Valle.
69) altos el Mandarín, 2 Ave, 4 Calle, Comayaguela.
71) Marcala, La Paz.
72) 5 Ave, Casa 55, San Pedro Sula.
74) Olanchito, Yoro.
75) Ap. 303, San Pedro Sula — DG: Antonio F. Martínez.
77) Santa Rosa de Copán.
78) Ap. 955, Tegucigalpa, DC — DG: J.A. Padilla H.
79) Blvd. Concepción 4 Av. entre ly" Calle, San Pedro Sula.
80) Ap. 15, Juticalpa, Olancho — DG: Hector Robylio Romero P.
81) 2 Av. entre 2 y 3 Calle, Comayaguela.
82) Av. Morazán, centro Comercial Plaza, San Pedro Sula.
84) Trinidad, Santa Bárbara.
85) Juticalpa. Olancho.
86) Colonia Gesitranh, San Pedro Sula.
87) Ap. 145-C, Tegucigalpa, DC — Dir: Felipe Aguilar (Owned by: Conservative Baptist Home Mission Society, Box 828, Wheaton, IL 60187, USA; **English:** 0300-0600).
88) Ap. 17, La Ceiba — Dir: Miguel R. Moncada R.
89) San Lorenzo, Valle.
90) Comercial Prisa, San Pedro Sula.
92) Ap. 51, La Ceiba — DG: José Ruis Asenjos.
93) 12 Calle 2a Ave No. 206, Barrio la Curva, Puerto Cortés — DG: Rubén Griffin C.
94) La Entrada, Copán.
95) Blvd. Abajo, 6 Calle, Casa 109, Tegucigalpa.
96) Comayaguela — Dir: R. Barahona.

97) Blvd. Los Dolores, Edif. Farmacia San Miguel, Tegucigalpa.
98) Blvd. La Cruz, Calle Choroteca, Choluteca.
99) Marcala, La Paz.
100) El Progreso, Yoro.
101) 8 Av. 7 y 8 Calles, Comayagúela.
102) San Pedro Sula, Cortés.
103) Blvd. El Bosque 11 Av., Tegucigalpa.
104) Blvd. Buenos Aires, Contiguo Iglesa San José de la Montaña, Tegucigalpa.
105) Santa Luís, Santa Bárbara (Ap. 303, San Pedro Sula) — Dir: Donald Moore.
106) Puerto Lempira — Dir: Rev. Landon Wilkerson (Global Outreach Missions, P.O. Box 1, Tupeao, MS 38801, USA).
**V.** received from st's 57), 66), 87), 105), 106).

## JAMAICA

**L.T:** UTC–5h — **Pr. L:** English — **E.C:** a/c 50, 110/220V (yes).

### JAMAICA BROADCASTING CORPORATION (Gov/Comm.)

**ADDR:** P.O. Box 100, 5-9 South Odeon Avenue, Kingston 10. **Te:** 926-5620. **Cable:** JARAD Jamaica. **Telex:** JA2218.
**L.P:** Gen. Mgr: Mrs. G. Lannaman. Dep. Gen. Mgr: N. James. Ag. Prgr. Mgr (Radio): D. Elliott. Dir. of Engineering: H. Nixon.

**RADIO ONE**

| Stations | kHz | kW | Stations | kHz | kW |
|---|---|---|---|---|---|
| Kingston | 560 | 5 | Port Maria | 750 | 5 |
| Mandeville | 620 | 5 | James Hill | 790 | 10 |
| Montego Bay | 700 | 5 | | | |

**FM:** Coopers Hill 97.1MHz 2kW — Half Way Tree 99.7MHz 0.5kW — Spur Tree 93.3MHz 2kW — Flower Hill 95.9MHz 3kW.
**D.PRGR:** 24h. **N:** 1030, 1100, 1130, 1200, 1230, 1300, 1530, 1731, 1830, 2030, 2130, 2230, 0100, 0300, 0310, 0430(W) — **Wrp. and Fishermen's Forecast:** W 2248.

**RADIO TWO**
**FM(Stereo):** 24h. Coopers Hill 91.1MHz 2kW; Montego Bay 92.1MHz, Oracabessa 100.3MHz, Spur Tree 103.3MHz, Half Way Tree 105.7MHz (all 0.25kW).
**ANN:** "This is Jamaica Broadc. Corpo" or "This is JBC Radio One (or Two)" — **INT-SIG:** Guitar Chi Chi Bud (Jamaica folksong) — **V.** by QSL-card. Rp.

### RADIO JAMAICA LTD. (Comm.)

**ADDR:** P.O. Box 23, Kingston 5. **Te:** 926-1100. **Cable:** Broadco.
**L.P:** Man. Dir: Lester Spaulding. Dir. Prgr: D. La Croix. Prgr. Mgr "Fame FM": D. Topping. Chief Eng: W.G. Matthews. Sales Mgr: Milton Weller. News Editor: J. Mowatt.

| Mediumwaves | kHz | kW | Mediumwaves | kHz | kW |
|---|---|---|---|---|---|
| Montego Bay | 550 | 5 | Kingston | 720 | 10 |
| Galina | 580 | 10 | Spur Tree | 770 | 5 |

**FM:** Kingston 94.5MHz 5kW & 104.5MHz 0.6kW, Spur Tree 90.5MHz 20kW, Montego Bay 92.9MHz 5kW.
**HOME SCE. in English:** 24h. **N, wrp:** W 1100, 1200, 1230, 1300(BBC), 1500, 1700, 1800, 2000, 2200, 2300, 2400, 0300, 0500; Sun 1200, 1300, 1400(BBC), 1500, 1700, 2200, 2300, 0100, 0300.
**"Fame FM":** Kingston 92.7MHz 10kW, 95.7MHz 0.5kW — Oracabessa 91.5MHz 5kW.
**Imminent Hurricane Warnings:** On the h.
**ANN:** "This is RJR" — **V.** by QSL-card (B).
**AD:** 12 min. per h. "Fame FM" 6 min. per h.
R. Jamaica also operates the Reditune background music service.

## MARTINIQUE

## (French West Indies)

**L.T:** UTC-4h — **Pr.L:** French — **E.C:** a/c 50, 220V (no).

### SOCIÉTÉ NATIONALE DE RADIO-TÉLÉVISION FRANÇAISE D'OUTRE MER (RFO)

**ADDR:** B.P. 662, 97262 Fort de France. **Te:** (19.596) 701660. **Telex:** 029659.
**L.P:** Dir: Marcel Beaudza. Prgr. Dir: Jacques Cesaire. Dir. of Inf: François Gelman.
**MEDIUMWAVE:** (G.C: 61.00W/14.30N): 1310kHz 2x20kW.
**FM:** Fort de France 92MHz 0.3kW/95MHz 0.05kW + 4 low power relay st's.
**HOME SCE. in French:** 0930-0230 (Sat 0400). **N:** 1000, 1030, 1200, 1300, 1400, 1500, 1700, 2000, 2300.
**ANN:** "Radio Télévision Française pour l'Outre Mer, station de Martinique" — **INT-SIG:** First eight notes of "Adieu Foulard, Adieu Madras" on piano — **V.** by QSL-folder.

## MÉXICO

**L.T:** UTC-6h in all states except: UTC-7h (Sonora, Sinaloa, Nayarit, Baja California Sur; and during summer Baja California Norte; UTC-8h (Baja California Norte, winter) — **Pr.L.:** Spanish.
**EC:** a/c 60, 110/220V (yes).

### DIRECCIÓN GENERAL DE TELECOMUNICACIONES

**Departamento de Frecuencias,** Av. Niño Perdido y Cumbres de Acultzingo, México 12, D.F.
**L.P:** Dir. Gen: Ing. Luis Valencia P.

### DIRECCIÓN GENERAL DE CONCESIONES Y PERMISOS

**Depto. de Estadistica y Programación Económica.**
**ADDR:** Edif. Rafael, Av. Eugenio 198, México 12, D.F.
**L.P:** Chief: Lic. Manuel Gonzáles Díaz de Leóne. Dir. Prgr: Lic. Elioth Galves Aviles. Dir. Dept: Lic. Lucero Caballero Hernandez.

### CAMARA NACIONAL DE LA INDUSTRIA DE LA RADIO Y TELEVISION DE MÉXICO

**L.P:** Pres: Lic. Juan José Espejo Puente. Secr: Lic. Carlos Aguirre Gómez.

**Class:** See North America Table for explanation.
**Slogans** used on the air are in quotation marks; others may be merely corporate names.
a) member of Radio Cadena Nacional. +) same programs on MW & FM. °) same programs on MW & SW. *) inactive. v) frequency varies sufficiently to produce an audible heterodyne. CP) Construction permit for new station or change in facilities.

**Note:** While times are in UTC, days of week mentioned apply to México, not necessarily UTC. Most stations carry "La Hora Nacional" Sundays 0400-0500 (Mon UTC).

**STATIONS: Mediumwaves:** call XE-.

| | Call | kHz | kW | Class, location, h. of tr. |
|---|---|---|---|---|
| 1A) | WA | 540 | 150 U1 | "La Voz de la América Latina", San Luís Potosi: 1100-0600 (relay 900kHz) |
| 2) | UC | 550 | 1/0.25 U1 | R. Felicidad, Tehuantepec: 1200-0500 |
| 3A) | KL | 550 | 1/0.25 U1 | "R. Moderna", Jalapa: 1300-0400 |
| 4A) | QW | 550 | 2/0.2 U1 | "R. La Poderosa", Mérida: 1200-0400 |
| 5) | TNC | 550 | 5 U1 | R. Axtlán, Tepic: 1300-0130 |
| 6) | OC | 560 | 1 U1 | R. Chapultetepec, México: 1200-0700 |
| 7) | TJ | 570 | 1/0.25 U1 | R. Romantica, Torreón: 1245-0600 |
| 8) | LQ | 570 | 1 U1 | "La Tigresa", Morelia: 1200-0900 |
| 9A) | BJB | 570 | 5/0.25 U1 | "R. Fiesta", "La Dona", Monterrey: 1100-0605 |
| 10) | OA | a570 | 5/0.25 U1 | R. Oaxaca, Oaxaca: 1200-0500 |
| 11) | NZ | 570 | 1/0.25 U1 | R. Impulsora, "La Poderosa NZ", Culiacán: 1300-0700 |
| 12) | VX | 570 | 1/0.25 U1 | R. Chontalpa, Comalcalco: 1200-0400 |
| 13) | MU | 580 | 5/0.25 U1 | R. Variedades "La Rancherita", "Canal 58", Piedras Negras, Coah: 24h |
| 14A) | UE | a580 | 1/0.2 U1 | La Voz de Chiapas, Tuxtla Gutiérrez: 1155-0600 |
| 15A) | FI | 580 | 5/0.25 U1 | "R. Mexicana", Chihuahua: 24h |
| 16) | AV | +580 | 10/1 U1 | R. Guadalajara, "Canal 58": 1155-0700 |

| | Call | kHz | kW | Class, location, h. of tr. |
|---|---|---|---|---|
| 17) | HP | 580 | 1/0.15 | U1 "R. Variedades", Cd. Victoria: 1145-0400 |
| 18A) | DZ | 580 | 1/0.45 | U1 R. Dif. Eles, "Canal 58", Córdoba: 1200-0500 |
| 19) | YI | 580 | 1 | "R. Cancún, Cancún: 1200-0400 |
| 20A) | PH | 590 | 5 | U1 "R. 590, La Pantera de la Juventud", México: 1200-0800 |
| 21) | E | 590 | 1/0.15 | U1 "R. Durango": 24h |
| 22A) | HQ | 590 | 1 | U1 R. Hermosillo, "La Chica de Sonora": 1300-0600 |
| 23A) | FD | 590 | 5/0.25 | U1 "Canal 59", Rio Bravo: 1250-0500 |
| 24) | DN | 600 | 1 | U1 "La Rancherita", Torreón: 1200-0500 |
| 25) | BB | a600 | 5/1 | U1 RCN de Acapulco, "Onda 600": 1200-0400 |
| 26) | Z | a600 | 1 | U1 "R. Onda Musical", "La Voz de la Peninsula", "R. 600", Mérida: 1200-0400 |
| 27A) | BX | 610 | 5/0.5 | D1 "La Voz de la Region Carbonifera", Sabinas: 1200-0500 |
| 28A) | UF | 610 | 5/1 | U1 "R. Uruapan", Uruapan: 1255-0400 |
| 29) | KZ | 610 | 1/0.5 | U1 La Voz del Istmo, Tehuantepec: 1200-0600 |
| 30A) | CV | 610 | 1/0.25 | U1 "La Voz de Valles", Cd. Valles: 1155-0500 |
| 31) | GS | 610 | 1/0.5 | U1 "La G-S", Guasave: 1230-0400 |
| 3B) | JA | 610 | 1/0.5 | "R. Fiesta", Jalapa: 1200-0500 |
| 32) | EL | 610 | 1/0.15 | U1 "R. Progreso", Fresnillo: 1230-0500 |
| 33A) | BU | 620 | 5/0.25 | U1 "La Nortenita", Chihuahua: 1300-0700 |
| 34A) | KX | 620 | 1/0.25 | U1 "R. Cultural de la Zona Maya", Felipe Carillo Puerto |
| 35) | NK | 620 | 10/5 | U1 "R. 620", México: 1200-0600 |
| 36) | CK | 620 | 1/0.1 | U1 R. Variedades, Durango: 1300-0515 |
| 37A) | OO | 620 | 1/0.25 | U1 "Onda 620", Tepic: 24h |
| 38A) | ACM | 620 | 1/0.1 | U1 "R. Pueblo", Villahermosa: 1200-0600 |
| 39) | TS | 630 | 1/0.5 | U1 "R. Tapachula", Tapachula: 1200-0300 |
| 40) | ACA | a630 | 5/0.25 | U1 La ACA de Acapulco, Acapulco: 1200-0400 |
| 41) | FB | 630 | 5/1 | U4 "La Efe be Sesenta y Tres", Monterrey: 1145-0600 |
| 42) | FX | 630 | 1/0.25 | U1 "Canal 630 en Sonora", Guaymas: 1300-0700 |
| 43) | JB | +630 | 10 | U1 R. Gobierno, Guadalajara: 1300-0700 |
| 44) | TK | a630 | 4/0.25 | U1 R. Emisora Occidental, "R. Hits", Mazatlán: 1300-0700 |
| 45) | FU | 630 | 5/0.75 | U1 "Voz amiga de la cuenca de Papaloapan", Cosamaloapan: 1100-0400 |
| 46) | WM | 640 | 1 | U1 San Cristobal, Las Casas |
| 47) | ZM | 650 | 5 | D1 "R. Sintonia 65", "R. Amistad", Zamora |
| 48) | ACB | 660 | 1 | "R. 6-60", Cd. Delicias: 1300-0100 |
| 49A) | RPM | 660 | 10/5 | R. Infantil, México: 1200-0800 |
| 50A) | TOR | a670 | 1 | D1 "X-E Tor", "R. Ranchito", Torreón: 1200-0200 |
| 51A) | IS | 670 | 5/1 | D1 "La Rancherita Consentida", Cd. Guzmán: 1200-0100 |
| 52) | KQ | a680 | 5/0.5 | U1 "El Echo de Tacana", Tapachula: 1200-0600 |
| 15B) | FO | 680 | 1 | D1 "R. Sensación", Chihuahua: 1100-0300 |
| 53A) | LG | 680 | 10/5 | U1 "L-G, La Grande", León: 24h |
| 54) | FJ | 680 | 1/0.1 | U1 R. Teziutlán: 1200-0400 |
| 55) | ORO | 680 | 1.5 | D1 "R. Bonita", Guasave: 1200-0600 |
| 56) | MA | 690 | 5 | "R. 6-90", Fresnillo |
| 57) | TRA | +690 | 50 | U4 "The Mighty 690", Tijuana: 24h (English) |
| 58) | N | 690 | 20/5 | U1 "R. Mundo", México: 1200-0600 |
| 59A) | DKR | 700 | 1 | D1 "DKR Super Sabrosa", Guadalajara: 1200-0100 |
| 60) | PQ | 710v | 1/0.1 | U1 "R. Variedades, La Nueva Dimension", Múzquiz: 24h |
| 61A) | RL | 710 | 1/0.2 | U1 Colima: 1055-0600 |
| 62) | ON | 710 | 2/1 | U1 "Nueva XEON", "R. Mexicana", Tuxtla Gutiérrez: 24h |
| 63) | KU | 710 | 1 | "R. Kuku", Acapulco: 1200-0300 |
| 49B) | MP | 710 | 1/0.5 | U1 "Opus 710", México: 1200-0800 |
| 64) | PS | 710 | 1/0.1 | U1 "R. Amistad", Empalme |
| 65) | RK | 710 | 1/0.18 | U1 "R. Corita", Tepic: 1200-0600 |
| 66) | RPO | 710 | 1/0.5 | U1 R. Variedades, Oaxaca: 24h |
| 11B) | BL | +710 | 5/0.25 | U1 "R. Bonita", Culiacán: 1300-0600 |
| 67) | DP | 710 | 5 | D1 "R. Cuauhtémoc", Cd. Cuauhtémoc: 1300-0100 |
| 1c) | X | 730 | 50/100 | U1 "R. Festival", México: 1200-0800 |
| 69) | LTZ | 740 | 1/0.25 | U1 "R. Regional", Loreto, Zac: 1200-0400 |
| 70a) | ZA | 740 | 1/0.2 | U1 "Zeta Super Sonido", Los Mochis: 1300-0700 |
| 71) | KOK | 750 | 5 | "R. Sensación, Acapulco: 1130-0230 |
| 72) | QF | 750 | 5 | "R. Loma", Loma Bonita: 1200-0400 |
| 73) | ABC | 760 | 20/5 | U4 "R. Internacional", México: 24h |
| 74A) | DGO | a760 | 1 | D1 "R. Capital", Durango: 1255-0130 |
| 75A) | ZZ | 760 | 5 | D1 "Onda 76", Guadalajara |
| 76) | ML | 770 | 1 | D1 "R. Tropical", Apatzingán |
| 77) | LV | 780 | 5 | U1 "R. Costa", Autlán de Navarro: 1300-0100 |
| 78) | BI | 790 | 1/0.25 | D1 "R. B-I", Aguascalientes: 1200-0400 |
| 79A) | SU | +790 | 1 | D1 "R. Exitos", Mexicali |
| 80) | NT | 790 | 5/0.75 | U1 "R. La Paz", La Paz: 1300-0600 |
| 81A) | GZ | 790 | 1/0.25 | "La Pantera", Cd. Lerdo: 24h |
| 82A) | RPC | 790 | 5/0.4 | U1 "R. Ranchito", Chihuahua: 24h |
| 83A) | RC | 790 | 10/1 | U1 "R. Ranchito", México: 24h |
| 84) | LN | 790 | 1 | D1 "Onda 79", Linares |
| 85A) | VA | 790 | 5/0.2 | U1 "R. Tabasco", Villahermosa: 1100-0600 |
| 86) | FE | 790 | 1/0.5 | U1 "Campeona en Auditorio", Nuevo Laredo: 1155-0200 |
| 87) | ROK | 800 | 50/150 | U1 "R. Canón", Cd. Juarez: 24h |
| 88) | AN | 800 | 1 | D1 R. Ocotlán, Ocotlán |
| 89) | ZV | 800 | 1 | "La Voz de la Montana", Tlapa, Gro. |
| 90) | IN | 810 | 1 | "R. Variedades, Cintalpa: 1100-0500 |
| 91) | OE | a810 | 1/0.15 | U1 "La Voz del Valle", Tapachula: 1200-0300 |
| 92) | UX | +810 | 10/0.25 | D1 "La grand Máquina Musical", Tuxpan, Nay: 1200-0100 |
| 93) | RSV | 810 | 5 | D1 "R. Alegría", Cd. Obregón: 1300-0200 |
| 94A) | FW | 810 | 50/30 | U2 "Voz E Imagen De Tampico", Tampico: 1200-0300 |
| 95) | ZC | 810 | 1/0.25 | "R. Ranchito", Rio Grande: 1200-0500 |
| 75B) | BA | 820 | 1 | D1 "R. Fantasía", Guadalajara |
| 96) | KG | 820 | 1 | D1 "R. Variedades", Fortín de las Flores, Ver. |
| 97) | SB | 820 | 1 | "R. Mexicana", Sta. Barbara: 1300-0300 |
| 98A) | LA | +830 | 10 | U2 "Buena Musica en México", México: 1300-0603 |
| 99) | VQ | 830 | 1 | D1 "Canal 83", Navolato, Sin: 1300-0200 |
| 99A) | PUR | 830 | 1 | D1 "La Voz de los Purepechas", Cherán: 1300-0100 (Sat/Sun 2100) |
| 100) | FG | 840 | 1 | D1 "R. Juventud, La Familiar", Celava: 1200-0130 |
| 101) | IO | 840 | 10 | Tuxtla Gutiérrez |
| 102) | ZR | 850 | 1/0.25 | D1 "Canal 85", Zaragoza: 1300-0400 |
| 33B) | M | 850 | 5 | D1 "R. Exitos", Chihuahua: 1200-0200 |
| 103A) | MIA | 850 | 1 | D1 "R. Felicidad", Guadalajara, Jal: 1200-2400 |
| 104A) | US | °850 | 1 | D1 "R. Universidad de Sonora", Hermosillo: 1500-0230 |
| 105A) | TQ | 850 | 10 | U2 "La Romantica", Orizaba: 1300-0400 |

| | Call | kHz | kW | | Class, location, h. of tr. |
|---|---|---|---|---|---|
| 106) | MO | 860 | 5 | U1 | "R. 86", Tijuana: 1230-0830 |
| 107) | AL | 860 | 5/0.1 | U1 | Manzanillo: 24h |
| 108) | UN | °860 | 45/25 | U4 | "R. Unam", México: 1300-0700 |
| 74B) | DU | a860 | 1/0.5 | U1 | "Du la que le Gusta A Ud.", Durango: 1300-0600 |
| 109) | NL | 860 | 5/2 | U2 | "R. Recuerdo", Monterrey: 1200-0630 |
| 110) | NW | 860 | 1/0.25 | U1 | Culiacán: 1200-0700 |
| 111) | ZOL | 860 | 1 | | "R. Zol", Cd. Juarez: 1200-0600 |
| 112) | ZX | 860 | 1 | U1 | "Voz de Usumacinta", Tenosique: 1200-0200 |
| 113) | LY | 870 | 1 | D1 | "R. Moderna", Morelia |
| 114) | PIA | 870 | 1 | U1 | "R. Mexicana", Aguascalientes: 1200-0400 |
| 114x) | GRO | 870 | 10 | | "R. Guerrero", Chilpancingo |
| 115) | GDL | 880 | 10 | U1 | "La Reina", Guadalajara: 1300-2400 |
| 116A) | EM | 880 | 1 | D1 | "Canal 88", Río Verde: 1300-2400 |
| 70B) | PNK | 880 | 5 | D1 | "Canal 88', Los Mochis: 1300-0300 |
| 1B) | W | +°900 | 100 | U1 | "La Voz de la América Latina, México: 1100-0700 |
| 1D) | WB | 900 | 50/5 | U | "La Voz de la América Latina", Veracruz, Ver: 1100-0600 (relay 1B) |
| 1E) | Q | 900 | 100 | | "La Voz de la América Latina", Queretaro (relay 1B): 1200-0800 |
| 118A) | HO | a910 | 1/0.25 | U1 | "R. Centro", Cd. Obregón: 24h |
| 119A) | MJ | 920 | 1/0.25 | U1 | "R. Popular Fronteriza", Piedras Negras, Coah: 1200-0400 (Sun 1300-0130, 0330-0500) |
| 33C) | QD | 920 | 10/0.1 | U1 | "La Divertida", Chihuahua: 1200-0700 |
| 50B) | TAA | 920 | 1/0.2 | U1 | "R. Exitos", Torreón: 24h |
| 120) | VV | 920 | 5/0.25 | U1 | "Doble V Juvenil", Chiapa de Corzo, Chia: 1200-0600 |
| 75C) | LT | 920 | 0.5 | U1 | "Onda 92", Guadalajara: 24h |
| 121) | OK | 920 | 1 | U1 | "Radiazo Mexicano", "R. Hit", Monterrey: 1200-0550 |
| 122) | BM | 920 | 5/1 | U1 | "La Rancherita", San Luis Potosi: 1200-0600 |
| 11C) | CQ | 920v | 5/0.1 | U1 | "La Ranchera de Culiacán", Culiacán: 1300-0600 |
| 22B) | BH | +920v | 5 | U1 | "Super R. La Pantera", Hermosillo: 1300-0600 |
| 123) | IH | 930 | 5 | | "Nueva Dimensión en Radio", Fresnillo: 1200-0500 |
| 124A) | U | °930 | 5/1 | U1 | "R. Nucleo Oro", La "U" de Veracruz, Veracruz: 1130-0600 |
| 125) | WV | +940 | 1 | D1 | "R. Capital", Mexicali: 1400-0200 |
| 1D) | Q | +940 | 150/50 | U1 | "La Q de México", México: 1200-0600 |
| 126) | RKS | 940 | 1 | | "R. Alegría", Reynosa: 1230-0100 |
| 127) | CAA | 950 | 1 | | "La Doble A", Aguascalientes: 1200-0400 |
| 128) | GM | 950 | 10/5 | U4 | "R. Todo", Tijuana: 24h |
| 129) | MAB | 950 | 1 | | Cd. Carmén: 1200-0400 |
| 130) | YJ | 950 | 10/0.1 | U1 | "R. Rosita", Nueva Rosita: 24h |
| 131) | RN | 950 | 1 | D1 | "R. Naranjera", Montemorelos |
| 132) | ORF | 950 | 1/0.5 | U1 | "R. Centro", El Fuerte: 1300-0700 |
| 133) | CS | 960 | 1/0.2 | U1 | "La Grande", Manzanillo: 1200-0600 |
| 134) | UQ | 960 | 1/0.25 | U1 | "R. Zihuatanejo", Zihuatanejo: 1300-0100 |
| 135A) | HK | 960 | 1/0.25 | U1 | "Es H-K", "La Voz de Guadalajara", Guadalajara: 1045-0645 |
| 136) | ROO | a960 | 1/0.5 | U1 | "La Pirata del Caribe" Chetumal: 1200-0500 |
| 137) | IQ | 960 | 1/0.5 | U1 | "La Nueva Fórmula", Cd. Obregón: 1300-0700 |
| 138) | K | 960 | 2/1 | U1 | "El Pregonero del Bravo", Nuevo Laredo: 1200-0400 |
| 139) | MM | 960 | 1 | | "R. Capital", Morelia: 1200-0500 |
| 140) | GB | 960 | 1/0.5 | U1 | "R. Fiesta", Coatzacoalcos: 1200-0600 |
| 141) | OZ | 960 | 1/0.25 | U1 | "Dimension 96. Un Sol de Alegría", Jalapa: 1200-0600 |
| 141A) | MM | 960 | 1 | | Morelia |
| 142) | J | 970 | 10/5 | U1 | R. Mexicana, Cd. Juarez: 24h (v966) |
| 49C) | DF | 970 | 10/5 | U2 | "R. Uno", "La Estación del Distrito Federal", México: 24h |
| 143) | CJ | 970 | 5/0.25 | U1 | Apatzingán: 1200-0400 |
| 144) | VOX | 970 | 1/0.25 | U1 | "R. Voz", Mazatlán: 24h |
| 38B) | VT | 970 | 5/0.4 | U1 | "R. Fiesta", Villahermosa: 1100-0500 |
| 145A) | BJ | +970 | 1/0.2 | U1 | "Canal 97 con Radio Actividad", Cd. Victoria: 1155-0445 |
| 146) | O | 970 | 1/0.1 | U1 | "R. Gallito", Matamoros: 1100-0600 (Sun 0400) |
| 147A) | MH | 970 | 1/0.1 | U1 | "La Romantica", Mérida: 1200-0600 |
| 148) | FQ | 980 | 1 | | Cananea: 1400-0500 |
| 149) | NR | 980 | 5/0.5 | U1 | "La Emisora Grande", Nueva Rosita: 1155-0600 |
| 150) | LC | 980 | 5/0.25 | D1 | "Canal 98", La Piedad: 1230-0500 |
| 151) | XT | 980 | 1 | U1 | "XT Internacional", Tepic: 1300-0700 |
| 152) | QG | 980 | 1/0.25 | U1 | "Canal 98", Queretaro": 1200-0500 |
| 153A) | KE | 980 | 1/0.25 | U1 | "9-80 Musical", Navojoa: 1255-0700 |
| 154A) | TU | 980 | 10/1 | U5 | "R. Tampico": 1200-0600 |
| 155) | QO | 980 | 5 | D1 | "R. Romance", Cosamaloapan: 1200-0100 |
| 156) | QS | 980 | 1 | | Frejnillo, Zac. |
| 157) | UM | 990 | 1/0.25 | U1 | "R. 99", Valladolid, Yuc: 1200-0400 |
| 158) | CL | 990 | 5 | U1 | "R. Mexicali", Mexicali: 24h |
| 159) | HZ | 990v | 1/0.25 | U1 | "ZETA", La Paz: 1300-0600 |
| 160) | IU | 990 | 1 | | "R. Alegría", Oaxaca |
| 161) | TG | 990 | 10 | D1 | "La Grande del Sureste", Tuxtla Gutiérrez: 24h |
| 51A) | BC | 990 | 1/0.1 | U1 | "La Divertida", Cd. Guzmán: 1200-0600 |
| 162) | OL | 990 | 1/0.2 | | "R. Impacto", Teziutlán: 1200-0400 |
| 163A) | T | 990 | 50 | U2 | "La T de Monterrey", Monterrey: 24h |
| 164A) | FV | 1000 | 1 | D1 | "R. Rancherita", Cd. Juárez: 1200-0200 |
| 20B) | OY | °1000 | 10 | U1 | "R. Mil", México: 1200-0800 |
| 165) | WL | 1000 | 1 | | "R. Cañon Int.", Nuevo Laredo |
| 166A) | DX | 1010 | 1/0.25 | | R. Variedades, Ensenada: 24h |
| 167) | VK | 1010 | 5 | U1 | "R. Mil Diez", "R. Felicidad", Torreón: 1300-0400 |
| 168) | TX | 1010 | 1/0.25 | U1 | "La Voz de la Sierra Madre Occidental," Nuevo Casas Grandes: 1230-0400 (Sun 0500) |
| 75D) | HL | 1010 | 50/5 | U1 | "La Poderosa HL", "Onda 10-10", Guadalajara: 24h |
| 169) | LO | 1010 | 1 | | "R. Lobo", Chihuahua: 1300-0100 |
| 170) | WS | 1010 | 5/0.25 | U1 | "R. Capital", Culiacán: 1300-0700 |
| 171) | FM | 1010 | 1/0.2 | U1 | "R. Moderna", Veracruz: 1200-0600 |
| 172) | XL | 1020 | 1 | D1 | Pátzcuaro: 1300-2400 |
| 173) | WO | 1020 | 1 | | "R. Chetumal", Chetumal |
| 174) | LJ | 1030 | 1 | | "R. Capital", Lagos de Moreno: 1300-0100 |
| 83) | QR | +1030 | 10/5 | U1 | "R. Centro", México: 24h |
| 115B) | BBB | 1040 | 5D | U1 | "R. Bonita", Guadalajara |
| 3C) | GR | 1040 | 1 | D1 | "La Pantera", Jalapa: 1300-0100 |
| 34B) | JAQ | 1040 | 1D | U1 | Jalpan, Oro. |
| 79B) | D | 1050 | 10/1 | U3 | La Grande de Mexicali, Mexicali: 1300-0800 |
| 175A) | G | 1050 | 100 | U1 | "La Ranchera de Monterrey", Monterrey: 24h (English: 0400-0800) |
| 176A) | EP | °1060 | 50/20 | U2 | R. Educación: 24h |
| 177) | IT | a1070 | 1/0.25 | U1 | Cd. del Carmen: 1200-0400 |
| 178) | MI | 1070 | 1 | U1 | Minantitlán, Ver. |
| 179A) | SP | 1070v | 5/1 | U1 | "R. Juventud", Guadalajara: 1300-0600 |
| 180) | GY | 1070 | 1/0.25 | U1 | "R. Fiesta", 1200-0500 |
| 181) | AU | 1090 | 1 | U1 | "R. A-U", Monterrey: 1200-0100 |
| 182A) | CN | 1080 | 1 | D1 | "R. CN", "La Primerisima", Irapuato: 1300-0100 |

| | Call | kHz | kW | Class, location, h. of tr. |
|---|---|---|---|---|
| 183) | MCA | 1090 | 5 | D5 "La Divertida", Panuco, Ver: 1300-0100 |
| 184) | PRS | 1090 | 50 | U2 "R. Express", Rosarito: 24h (English: 0230-1100) |
| 185) | WL | 1090 | 1 | D1 "R. Cañon", Nuevo Laredo |
| 186A) | OD | +1090 | 1 | U2 "R. Tropical Juvenil", Veracruz: 1300-0100 |
| 187) | VV | 1100 | 5 | "R. Alegría", Moroleón |
| 188) | BD | 1110 | 1 | "Canal II", Perote: 1200-0100 |
| 189) | RED | +1110 | 50/10 | U2 R. Red. RCN La Que le Gusta a Ud. México: 1200-0600 |
| 190) | LEO | a1110 | 5/0.25 | U2 "La Rancherita Consentida", León: 1200-0100 |
| 191) | ES | 1110 | 1 | "R. Alegría", Chihuahua: 1200-0200 |
| 34C) | JAC | 1110 | 1 | D1 Cardenas: 1200-2400 |
| 23B) | OQ | 1110 | 1 | D1 "La Tropical OQ", Rio Bravo: 1300-0100 |
| 192) | TR | 1120 | 1 | D1 "R. Panoramica", Cd. Valles |
| 193) | UNO | 1120 | 1 | R. Exitos, Guadalajara |
| 193a) | ID | 1120 | 1 | Alamo |
| 28B) | FN | 1130 | 1 | D1 "R. Moderna", Uruapan: 1300-0100 |
| 194) | EF | 1130 | 1 | D1 "R. Exitos", Compostela, Nay: 1300-0100 |
| 195) | NH | 1130 | 1 | D1 "La Pantera", Nogales: 1400-0200 |
| 196) | ZL | 1130 | 10/1 | U2 "R. Alegría, su mero Gallo", Jalapa: 1200-0600 |
| 197A) | XF | 1140 | 5 | D1 "R. Felicidad", León |
| 9C) | MR | 1140 | 50 | U2 "La Nueva MR", Monterrey: 24h |
| 198) | TE | 1140 | 1 | "R. Manantial", Tehuacan |
| 75F) | AD | 1150 | 1/0.5 | "R. Metropoli", Guadalajara: 24h |
| 199A) | RM | 1150 | 1/0.5 | U1 "R. Mexican", "Canal Tropical", Mexicali: 24h |
| 200) | BF | 1150 | 1/0.25 | U1 "R. Amistad", Torreón: 1300-0200 |
| 201) | JS | 1150 | 1/0.5 | U1 "R. Ranchito del Parral", Hidalgo del Parral: 1250-0050 |
| 83C) | JP | 1150 | 10 | U2 "R. Variedades", México: 24h |
| 202) | RRF | 1150 | 1 | "Onda 115", Mérida: 1200-0600 |
| 203) | RTM | 1150 | 1/0.1 | U1 Macuspana: 1330-0300 |
| 204A) | XZ | a1150 | 1/0.2 | U1 "R. 1150", Zacatecas: 1200-0500 |
| 205) | VW | 1160 | 1 | D1 Acámbaro: 1200-0100 |
| 206) | IW | 1160 | 1 | D1 Uruapan: 1300-0100 |
| 207) | BE | 1160 | 1 | D1 "R. Perote", Perote: 1300-0100 |
| 208) | CD | 1170 | 1/0.35 | U1 La Divertida Once Sesenta: 1200-0600 |
| 209) | RB | 1170 | 5 | "Onda Musical del Caribe", Cozumel |
| 210) | RT | 1170 | 5 | D1 "R. Grande", Reynosa: 1230-0100 |
| 211A) | FR | 1180 | 1/0.25 | U1 "R. Felicidad", México: 24h |
| 212) | YV | 1180 | 1 | "R. Acción", Huatusco: 1200-0100 |
| 213) | PZ | 1190 | 1 | "R. Norteña", Cd. Juárez: 1200-0200 |
| 1F) | WK | 1190 | 50/10 | U1 "La Voz de la América Latina", "W-Guadalajara", Guadalajara: 1125-0600 (rel. 900kHz) |
| 214A) | DO | 1190 | 1 | D1 "R. Noveldades", Jojutla: 1300-0100 |
| 215) | ZI | a1200 | 1 | D1 "R. Zacapú", Zacapú: 1200-0100 |
| 49D) | B | 1220 | 100 | U1 "La Grande B de México", México: 24h |
| 14B) | LM | a1240 | 1/0.25 | U1 R. Chiapas, Tuxtla Gutiérrez: 1300-0500 |
| 216) | BN | 1240 | 1/0.25 | U1 "R. Delicias", "La Onda Feliz", Cd. Delicias: 1300-0400 |
| 197B) | RZ | 1240 | 1/0.25 | U1 "R. Amistad", León: 1200-0530 |
| 217) | NG | 1240 | 1/0.2 | U1 "Circuito de la Sierra y la Huasteca", Huauchinango: 1300-0400 |
| 218) | BQ | 1240 | 1/0.25 | U1 Guaymas: 1300-0500 |
| 219) | CE | 1240 | 1 | "R. Felicidad", Oaxaca: 1230-0600 |
| 220A) | CG | 1240 | 1/0.25 | U1 "R. Mexicana", Nogales: 1400-0700 |
| 221) | IZ | 1240 | 10 | U1 "R. Exitos", Monterrey |
| 222) | REY | 1240 | 1 | "R. Reyna", Los Mochis: 1400-0200 |
| 154B) | S | 1240 | 1/0.25 | U1 "R. Jet", Tampico: 1200-0400 |
| 147B) | MQ | °1240 | 1/0.25 | U1 "Su Pantera", Merida: 1115-0600 |
| 223) | PC | 1240 | 1/0.15 | "Sonido Estrella", Zacatecas: 1200-0400 |
| 224) | AT | 1250 | 1 | "R. Onda", Hidalgo de Parral: 1300-0300 |
| 27B) | SC | 1250 | 1 | D1 "La Divertida", Sabinas (CP) |
| 225) | SJ | 1250 | 1/0.5 | U1 "R. Saltillo", "La Estación Importante": 1155-0600 |
| 226) | MG | 1250 | 1/0.25 | U1 Arriaga: 1155-0400 |
| 227) | PI | 1250 | 1/0.1 | U1 "La Consentida de Guerrero", Tixtla: 1200-0200 |
| 59B) | DK | 1250 | 5/1 | U1 "Es XEDK 125", Guadalajara: 24h |
| 228A) | JX | 1250 | 1/0.1 | U1 "R. 12-50", Queretaro: 24h |
| 229) | DL | a1250 | 1/0.5 | U1 R. Capital, Hermosillo: 1300-0700 |
| 186B) | TF | 1250 | 1/0.5 | U1 "XETF la Jarocha", Veracruz: 1130-0600 |
| 230) | MF | 1260 | 1/0.25 | U1 "R. Fiesta, La Primera Estación", Monclova: 1200-0600 |
| 231A) | QG | 1260 | 1/0.15 | U1 "R. Ranchito", Ojinaga: 1300-0300 |
| 211B) | L | 1260 | 10/1 | U1 "R. Capital", México: 1200-0900 |
| 232) | R | 1260 | 1/0.25 | U1 R. Linares: 1155-0400 |
| 30B) | XR | 1260 | 1 | D1 "R. Ranchera", Cd. Valles: 1300-0100 |
| 232A) | YW | 1260 | 2.5/0.5 | Campeche, Camp |
| 233) | OH | 1270 | 1/0.15 | U1 "R. Camargo", Cd. Camargo: 1300-0100 |
| 234) | AX | 1270 | 5/0.5 | U1 "R. Fiesta", Oaxaca: 1200-0500 |
| 235) | GL | 1270 | 1/0.5 | U1 "Canal 127", Navojoa: 1200-0700 |
| 236A) | NY | 1270 | 1/0.25 | U1 "R. Sensación", Nogales: 1300-0700 |
| 237) | MW | a1270 | 1 | D1 "R. Sensación", San Luis Rio Colorado |
| 238) | PV | 1270 | 1/0.25 | U1 "R. Alegría", Papantlá: 1300-0300 |
| 239) | QH | 1270 | 1/0.25 | Ixmiquilpal, Hgo. |
| 240) | RPL | 1270 | 5/0.15 | U5 "El Gallito de tu Radio", León: 24h |
| 241) | YV | 1270 | 5 | "R. Uman", Mérida: 1200-0400 |
| 242) | KY | 1280 | 1/0.1 | U1 "R. Modernista", Huixtla: 1155-0400 |
| 243) | BW | 1280v | 1/0.6 | U1 "Canal 12-80", Chihuahua: 24h |
| 244) | CAM | 1280 | 1 | "La Voz de las Murallas", Campeche: 1200-0500 |
| 245) | QP | 1280 | 1/0.5 | U1 "R. Variedades", Guadalajara: 24h |
| 246A) | AW | 1280 | 5/0.5 | U1 "La Estación de la Musica Inolvidable", Monterrey: 24h |
| 18B) | AG | 1280 | 1 | U1 "Sonido 12-80", Cordoba: 1200-0400 |
| 247) | EG | 1280 | 1/0.5 | U2 "R. Alegría", Puebla: 1200-0600 |
| 204B) | LK | a1280 | 5/0.25 | U1 "Onda Juvenil", Zacatecas: 1300-0400 |
| 248) | DB | 1290 | 1/0.25 | U1 "R. Tonalá: 24h |
| 98B) | DA | 1290 | 10/1 | U1 "R. Trece", México: 1200-0600 |
| 249) | IX | 1290 | 1 | D1 "Super Onda", Jiquilpan: 1300-0500 |
| 250) | NX | 1290 | 10/0.25 | U1 "La Poderoza NX", Mazatlán: 24h |
| 251) | AP | 1290 | 1/0.1 | D1 "R. Norteña", Cd. Obregón: 1200-0500 |
| 252) | RE | 1290 | 1 | "R. Exitos", Salvatierra |
| 253) | LE | 1300 | 1/0.15 | "R. Trece", Tampico: 1200-0600 |
| 254) | P | 1300 | 1/0.5 | U1 "R. Trece", Cd. Juárez: 24h |
| 255) | SW | 1300 | 1 | D1 R. Cd. Madera, "R. Sierra", Cd. Madera: 1300-0100 |
| 256) | XV | °1300 | 1 | U1 "Serenata 13", Léon: 1200-0500 |
| 257) | JL | 1300 | 1/0.25 | U1 R. Guamuchil: 1300-0500 |
| 220B) | XW | 1300 | 1/0.1 | U1 "R. Trece", Nogales: 1300-0500 |
| 258A) | HU | 1300 | 5 | U5 R. Tropical, Martínez de la Torre: 1200-0600 |
| 259) | RU | 1310 | 1/0.25 | U1 R. Universidad, Chihuahua |
| 75G) | TIA | 1310 | 5/0.25 | U1 "La Cotorra de tu Radio", Guadalajara: 1200-0500 |
| 9B) | VB | 1310 | 1/0.25 | U1 "La VB Tropical", Monterrey: 1200-0600 |
| 260) | FH | 1310 | 1 | D1 Agua Prieta: 1300-0300 |
| 261) | AM | 1310 | 1/0.25 | U1 "La Norteñita", Matamoros: 24h |
| 262) | BP | 1310 | 10/0.25 | La Voz de la Laguna, Torreón: 1200-0400 |

| | Call | kHz | kW | | Class, location, h. of tr. |
|---|---|---|---|---|---|
| 124B) | HV | 1310 | 1 | U1 | "R. Tropico", Veracruz: 1200-0500 |
| 263) | UP | 1310 | 1/0.25 | | Tizimín, Yuc: 1200-0500 |
| 264) | UI | 1320 | 1/0.5 | U1 | R. Comitán: 1200-0400 |
| 265) | JZ | 1320 | 1/0.25 | U1 | Cd. Jiménez: 1200-0500 |
| 83D) | CMQ | 1320 | 10/5 | D2 | "R. Sensación", México: 24h |
| 266) | CY | 1320 | 1/0.25 | U1 | Huejutla: 1200-0100 |
| 267) | NI | a1320 | 1/0.25 | U1 | "La Rancherita Bonita": 1200-0500 |
| 268) | UH | 1320 | 1/0.1 | U1 | "R. U-H", Tuxtepec: 1200-0400 |
| 269) | RJ | 1320 | 5/0.5 | U1 | "La Ranchera de Mazatlán": W 1230-0500, Sun 1200-0400 |
| 270) | BO | 1330 | 5 | | "R. Variedades", Irapuato, Gto: 24h |
| 4C) | FC | 1330 | 1 | U1 | "El Fabuloso Canal 133 Solo Exitos", Merida: 1200-0600 |
| 271) | UAS | r1335 | 5/1 | U2 | "R. Universidad Autonoma de Sinaloa", Culiacán, Sin: 1300-0200 (nom. 1330) |
| 272A) | RP | 1300 | 1/0.1 | U1 | "R. Mexicana", Cd. Madero: 24h |
| 258B) | UZ | 1330 | 1/0.1 | U1 | R. Veracruzana, Martínez de la Torre: 1200-0600 |
| 273) | WQ | 1330 | 1/0.25 | | WQ Me Gusta Más", Monclova, Coah. |
| 274) | AA | 1340 | 1 | | Mexicali: 24h |
| 275) | JK | 1340v1 | 0.25 | U1 | "La Voz de Delicias, La Grande JK", "R. Amistad", Cd. Delicias: 1200-0500 |
| 276) | CI | 1340 | 1/0.25 | U1 | Onda Internacional, Acapulco: 1200-0800 |
| 277) | CR | 1340 | 1 | | "R. Variedades", Morelia |
| 59C) | DKT | 1340 | 1/0.25 | U1 | "R. Ranchito", Guadalajara: 1200-0600 |
| 278) | MA | 1340 | 1/0.25 | | "R. Optimista", Fresnillo, Zac: 1200-0500 |
| 279) | MT | 1340 | 1/0.25 | | "R. Impulsora", Matamoros |
| 9D) | NV | +1340 | 1/0.25 | U1 | "R. Alegría", Monterrey: 24h |
| 118B) | OS | 1340 | 1 | | "R. Variedades", Cd. Obregón: 1300-0500 |
| 280) | CW | 1340 | 1/0.2 | U1 | "R. Variedades", Los Mochis: 1300-0700 |
| 281) | QE | 1340 | 1 | | "La Perla Camaronera", Escuinapa: 1300-0200 |
| 282) | RLK | 1340 | 1 | | "R. Miled", Atlacomulco: 1200-0400 |
| 145B) | RPV | 1340 | 1/0.25 | U1 | "La Nortenita, La Voz de Victoria", Cd. Victoria: 1300-0200 |
| 283) | OM | 1340 | 1/0.25 | | "R. Amistad", Coatzacoalcos: 1200-0600 |
| 284) | JY | 1350 | 1 | | "R. del Valle", El Grullo: 1300-0100 |
| 83C) | LBL | 1350 | 1 | | "R. Centro", San Luis Rio Colorado, Son. |
| 50B) | TB | 1350 | 5/0.5 | U1 | "R. Laguna", Torreón: 24h |
| 285) | QK | +°1350 | 1 | U1 | "La Hora Exacta", La Hora Exacta del Observatorio Nacional, México: 24h |
| 286) | TM | 1350 | 1 | U1 | "El Heraldo de la Frontera", Naco, Son: 1300-0200 |
| 287) | DI | 1360 | 1/0.2 | | Chihuahua, Chih. |
| 288) | LS | 1360 | 1/0.1 | D1 | "R. Armeria", Armeria, Col: 1200-0100 |
| 289A) | Y | 1360 | 1/0.25 | U1 | R. Celaya: 1200-0500 |
| 290) | KF | 1360 | 1/0.5 | U1 | "R. Independiente", Iguala: 1155-0500 |
| 291) | SA | 1360 | 1/0.5 | U1 | "R. Acción", Culiacán: 1300-0500 |
| 292) | DQ | 1360 | 1/0.1 | U1 | "R. Alegría", San Andrés Tuxtla: 1200-0600 |
| 293) | UD | 1360 | 1/0.5 | | Tuxtla Gutiérrez, Chis: 1100-0700 |
| 294) | XM | 1360 | 1 | | "R. Jerez", Jerez: 1200-0400 |
| 295) | A | 1370v1 | | U1 | "La Voz de R. Variedades", Campeche: 1155-0400 |
| 296) | RPU | 1370 | 1/0.5 | U1 | "R. Sensación", Durango: 24h |
| 103B) | PJ | 1370 | 1 | U1 | "R. Capital", Guadalajara: 1300-0700 |
| 297) | PA | 1370 | 5/0.25 | U2 | R. Trece Sesenta, "La Poblanita", Puebla: 1200-0600 |
| 298) | HF | 1370 | 5 | U1 | "La Norteña, Nogales: 1255-0700 |
| 20C) | CO | 1380 | 5 | U1 | "R. Eco", México: 1200-0800 |
| 299) | FAC | 1380 | 1 | D1 | R. Salvatierra/Paraiso Musical del Bajio, Salvatierra, Gt. |
| 300) | GW | 1380 | 1/0.15 | U1 | "La Mas Tropical", Cd. Victoria: 1100-0500 |
| 301) | KV | 1380 | 1/0.25 | U1 | "R. Mexicana", Villahermosa: 24h |
| 302) | TP | 1380 | 1 | | "R. Naolinco", Jalapa |
| 303) | VD | 1380 | 1/0.1 | | "R. Allende", Cd. Allende, Coah: 1200-0500 |
| 304) | TY | 1390 | 5/0.25 | U1 | R. Tecomán: 1300-0400 |
| 305) | XO | 1390 | 5/1 | U1 | "X-E, Exito", Cd. Mante: 1200-0600 |
| 306) | V | 1390 | 1/0.5 | U1 | "R. Fiesta", Chihuahua, Chih: 24h |
| 307) | RW | 1390 | 10 | U1 | "Sonido 13-90", León: 24h |
| 307x) | RUY | 1390 | 10/0.25 | | R. Univ. de Yucatan, Mérida: 1300-0600 |
| 308) | OR | 1390v1 | | U1 | "R. Gallito", Reynosa: 1145-0615 |
| 309) | TL | 1390 | 5/1 | U1 | "La Voz de las Huastecas", Tuxpan, Ver: 1200-0430 |
| 310) | AB | 1400 | 1/0.25 | | Santa Ana, Son: 1400-0500 |
| 311) | DE | 1400 | 1/0.25 | | "La Divertida", Saltillo: 1200-0600 |
| 312) | GD | 1400 | 1/0.2 | U1 | "R. Novedades", Hildalgo del Parral: 1200-0600 |
| 313) | OJ | 1400 | 1/0.1 | | "R. Horizonte", Lazáro, Cárdenas |
| 314) | I | 1400 | 1/0.25 | U1 | "La Nueva I de Morelia", Morelia: 1200-0400 |
| 315) | KJ | 1400 | 1 | | Tamazula, Jal: 1300-0100 |
| 316) | LH | 1400v1 | 0.25 | D1 | Acaponeta: 1300-0100 |
| 166B) | PF | 1400 | 1 | | "R. Onda", Ensenada: 1230-0600 |
| 272B) | TO | 1400 | 1/0.25 | U1 | "Radiorama, Canal 140", La Nueva T-O", Tampico: 24h |
| 317) | YD | 1410 | 1/0.1 | U1 | "R. Ambiente", Torreón: 1200-0400 |
| 20D) | BS | 1410 | 5/1 | U1 | "R. Sinfonola", "En Musica Ranchera la Mera", México: 1200-0800 |
| 318) | KB | 1410 | 5/0.15 | U1 | "Canal 14-10", Guadalajara: 24h |
| 319) | CF | 1410 | 1/0.5 | U1 | "Canal 14-10", Los Mochis: 1245-0600 |
| 85B) | TAB | 1410 | 5/0.5 | U1 | "La Voz de Tabasco, Villahermosa: 1200-0400 |
| 320A) | AS | °1410 | 1/0.25 | U1 | "R. Sensación", Nuevo Laredo: 24h |
| 321) | XX | 1420 | 2 | D1 | "R. Ranchito", "La Double Equis", Tijuana: 1400-0900 |
| 322) | EY | 1420 | 1 | | "R. Jalpa, Canal 14-20", Xalpa |
| 164C) | F | 1420 | 5/0.5 | U1 | "R. Exitos", Cd. Juárez: 1200-0600 (English 2200-0200) |
| 182B) | WE | 1420 | 10/0.18 | U1 | R. Irapuato: 1100-0600 |
| 323) | RD | 1420 | 1/0.25 | U1 | Pachuca: 1300-0400 |
| 324) | H | +1420 | 1 | U1 | "R. Tropical". Monterrey: 1200-0500 |
| 325) | WJ | 1420 | 1/0.25 | U1 | R. Popular, Tehuacán: 1200-0400 |
| 326) | EW | 1420 | 1 | U4 | Matamoros: W 1155-0430 |
| 327) | JV | 1420v1 | 0.25 | U1 | "R. Ondas", Jaltipan: 1155-0200 (r. on 1445kHz) |
| 328) | DI | 1430 | 1/0.25 | | Chihuahua, Chih. |
| 329) | IG | a1430 | 1/0.1 | U1 | RCN de Iguaia, Iguaia: 1200-0500 |
| 330) | CA | 1430 | 1/0.2 | U1 | Ixtepec, Oax. |
| 331) | RAC | 1430 | 1 | | "R. Rac", Campeche, Camp: 24h |
| 332) | TI | 1430 | 1 | | "Radiodifusión", Tempoal: 1200-0100 |
| 333) | OX | 1430 | 5/0.5 | U1 | "O-X 14-30", Cd. Obregón: 1200-0800 |
| 334) | WD | 1430 | 2/0.15 | U1 | "La Nueva WD", Cd. Miguel Alemah: 1155-0400 |
| 124C) | LL | 1430 | 1/0.15 | U1 | R. Onda, Veracruz: 1130-0600 |
| 83D) | ST | 1440 | 5/1 | | "Estudiantes AM", México: 24h |
| 115C) | CCC | 1440 | 5 | D3 | "R. Cañon", Guadalajara |
| 335) | VSD | 1440 | 1/0.15 | U1 | "La Señal del Progreso", Villa Constitución: 1300-0600 |
| 336) | SS | 1450 | 1/0.2 | U1 | "R. Fiesta", Ensenada: 1400-0800 |
| 237) | BP | 1450 | 1/0.25 | | "R. Sensación", Torreón: 24h |
| 83E) | CB | 1450 | 1D | | "R. Ranchito", San Luis Rio Colorado, Son. |
| 238) | IN | 1450 | 1/0.2 | U1 | Cintalapa, Chis: 1100-0600 |
| 239) | JTF | 1450 | 1D | | "La Voz de la Provincia Jazistense", Zacualco de Torres: 1200-0400 |
| 241) | KM | 1450 | 1/0.5 | | "R. Mina, Onda 14-50", Minatitlan: 1100-0600 |
| 242) | PP | 1450 | 1 | | "R. Exitos", Orizaba: 1200-0600 |

| | Call | kHz | kW | | Class, location, h. of tr. |
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| 343) | RY | 1450 | 1/0.1 | U1 | "La Voz del Sur", Arcelia: 1200-0400 |
| 344) | GC | a1450v | 1/0.25 | U1 | "Onda 1450", Sahuaya: 1300-0300 |
| 163B) | JM | 1450 | 5/0.25 | U1 | "R. Fantasia", Monterrey: 1155-0555 |
| 228B) | NA | 1450 | 1/0.5 | U1 | "R. Alegría", Queratarо: 1200-0400 |
| 345A) | CM | °1450 | 1/0.25 | U1 | "Onda 145", Cd. Mante: 1200-0400 |
| 346) | SI | 1450 | 1/0.3 | | Santiago Ixcuintla, Nay. |
| 347) | VH | +1450 | 1/0.25 | U1 | "La Norteña del Cuadrante", Villahermosa: 1200-0400 |
| 348) | PP | 1450 | 1/0.25 | U1 | R. Don Pep. Orizaba: 1200-0600 |
| 349A) | JD | 1450 | 1/0.25 | U1 | "R. Tropicana", Poza Rica: 1215-0430 |
| 350) | HE | 1460 | 1 | D1 | "La Voz de Jalisco", Atotonilco el Alto: 1300-0100 |
| 351) | KC | 1460 | 1 | | "R. Exitos", Oaxaca: 1200-0600 |
| 352) | LX | 1460 | 10 | U2 | R. Zitácuaro, "Habla Michoacan desde Zitácuaro", Zitácuaro: 1200-0300 |
| 353A) | XQ | °1460 | 1/0.5 | U1 | "R. Universidad", San Luis Potosi: 1200-0500 (Sun 0200) |
| 354) | HX | 1460 | 1/0.25 | U1 | "R. Hits", Cd. Obregón: 1300-0500 |
| 154D) | OLA | 1460 | 1 | U1 | "R. Ola, La Mas Tropical", Altamira: 1200-0400 |
| 355) | YC | 1460 | 1D | | "R. Sensación", Cd. Juárez, Chih: 1200-0600 |
| 356) | BBC | 1470 | 5 | U1 | "RCN de Tijuana", Tijuana: 1330-0800 |
| 357) | BAL | 1470 | 1D | | Becal, Camp. |
| 61D) | DS | 1470 | 5/0.2 | U1 | "R. Formula", Colima: 1255-0400 |
| 49E) | SM | 1470 | 10/5 | U1 | "R. Cinco", "La Cañon", México: 24h |
| 74C) | CAV | a1470 | 1/0.25 | U1 | "R. Durango", "R. Internacional", 1300-0500 |
| 358) | CU | 1470 | 1/0.25 | | "La Rancherita", Los Mochis: 24h |
| 182C) | YA | 1470 | 1 | D1 | "Super Estación", Irapuato: 1300-0100 |
| 359) | ACE | 1470 | 1 | D1 | "R. Exitos", Mazatlán, Sin. |
| 360) | HI | 1470 | 3/0.25 | U1 | "R. 147", Cd. Miguel Alemán: 1200-0430 |
| 361) | QF | 1470 | 5D | | "R. Loma", Loma Bonita, Oax. |
| 362) | QS | 1470 | 1 | | "Rómance en Radio", Fresnillo: 1200-0400 |
| 363) | UK | 1470 | 1 | | "R. Melodía", Caborca: 1400-0600 |
| 364) | YD | 1470 | 1/0.1 | | "R. Ambiente", Torreón: 1300-0400 |
| 365) | CA | 1480 | 5/0.25 | | Cd. Ixtepec, Oax. |
| 366) | HM | 1480 | 1 | | Cd. Delicias: 1300-0100 |
| 367) | XU | 1480 | 1 | D1 | "R. Variedades", Villa Frontera, Coah: 1200-0100 |
| 368) | XC | 1480 | 1/0.12 | U1 | "La Voz de Plata", Taxco: 1300-0300 |
| 246B) | TKR | 1480v | 5/0.5 | U1 | "Oigo TKR", Monterrey: 1100-0600 |
| 153B) | NS | 1480 | 1 | U2 | "R. 14-80, Música Mexicana", Navojoa. |
| 349B) | PR | 1480 | 5/0.5 | U1 | R. Poza Rica: 1200-0400 |
| 135B) | ZJ | 1480 | 1/0.15 | | "Tu Zona Juvenil", Guadalajara: 1045-0645 |
| 369) | AR | 1490 | 1/0.5 | | Tampico |
| 370) | CJC | 1490 | 1 | | "La Pantera", Cd. Juarez: 24h |
| 371) | VZ | 1490 | 1/0.2 | | "R. Sensación", Acayucan: 1200-0600 |
| 372) | ED | 1490 | 1/0.25 | U1 | "XEED Cuntigo", Ameca: 1300-0300 |
| 373) | GT | 1490 | 1/0.25 | U1 | "R. Alegría", Zamora: 1200-0500 |
| 374) | MS | 1490 | 1 | | "R. Mexicana", Matamoros: 24h |
| 375) | XE | 1490 | 1/0.2 | U1 | "R. Capital", Querétaro: 1200-0600 |
| 376) | FF | 1490 | 1/0.25 | U1 | "Canal 1490", Matahula: 1200-0400 |
| 377) | DR | 1490 | 1/0.25 | U1 | Guaymas: 1200-0515 |
| 49F) | AI | 1500 | 20/5 | U1 | "R.A.I.", México: 24h |
| 378) | YQ | 1510 | 1/0.15 | | "R. Fresnillo", Fresnillo: 1200-0800 |
| 379) | JPM | 1510 | 1 | | "R. Veracruz", Veracruz: 1200-0300 |
| 380) | LW | 1510 | 5 | | "R. Felicidad", Cd. Guzmán: 1300-0100 |
| 381) | OF | 1510 | 5 | | "Radiorama 151", Celaya: 1300-0130 |
| 382) | QI | 1510 | 10D | | "R. Gobierno", Monterrey, N.L. |
| 383) | RB | 1510 | 5D | | "R. Caribe", Cozumel: 1200-0600 |
| 385) | VO | 1520 | 1 | | "R. San Rafael", San Rafael: 1300-0100 |
| 386) | VUC | 1520 | 1 | D1 | "R. Alegría", Villa Union, Coah: 1200-0400 |
| 387) | EH | 1520 | 1 | D1 | "R. Sonora Internacional", Rio Colorado: 1200-0500 |
| 388) | ZQ | 1520 | 1/0.1 | U1 | "R. Futurama", "R. Triunfadora", Huimanguillo: 1130-0230 |
| 389) | VP | 1520 | 1 | D1 | "La Divertida", Limón: 1130-0200 |
| 390) | GQ | 1530 | 1 | | "R. Esmeralda", Zamora |
| 20E) | UR | 1530 | 3/5 | U3 | "R. Onda", "La Reina del Ritmo Tropical", México: 1200-0600 |
| 391) | SD | 1530 | 1/0.1 | U1 | R. Variedades, Silao: 1300-0515 |
| 391x) | HOS | 1540 | 5 | | "Onda Suave", Hermosillo |
| 289B) | NC | 1540v | 1/0.25 | U1 | "Va Mi Gallo", Celaya: 1200-0500 |
| 392) | QZ | 1540 | 1 | | "Su Consentida", San Juan de los Lagos |
| 393) | BG | 1550 | 1 | U1 | "La Chica Musical", Tijuana: 24h (exc. Mon) |
| 320B) | NU | 1550 | 5 | D1 | "La Rancherita Contenta" Nuevo Laredo: 1300-0100 |
| 394) | RUV | 1550 | 10 | | "R. Univ. Veracruzana", Jalapa: 1100-0700 |
| 395) | SE | 1560 | 5 | D1 | "La Voz de Campeche", Champotón |
| 396) | LAC | 1560 | 5 | | "R. Azul", Lázaro Cardenas: 1300-0100 |
| 164B) | JPV | 1560 | 1 | U | "R. Variedades", Cd. Juárez: 1100-0605 |
| 397) | FAJ | 1560 | 20/5 | U2 | "R. Consentida", México: 24h |
| 398) | MAS | 1560 | 1/0.25 | | "R. Mas", Irapuato: 1300-0500 |
| 390) | RIO | 1560 | 5 | | "R. Rio", Ixtlán del Rio: Daytime |
| 400) | RF | 1570 | 250 | U2 | "Love 16", Cd. Acuña: 1100-0800 (English gospel + Spanish 0600-0800) |
| 401) | AF | 1580 | 1 | | "R. Hits", Celaya |
| 402) | FP | 1580 | 2/0.25 | U1 | "R. Alegría", Jalpa, Zac: 24h |
| 403) | LI | a1580 | 1/0.25 | U1 | "Imagen Radial LI", Chilpancingo: 1200-0400 |
| 404) | NQ | 1580 | 5/0.5 | U1 | "La Voz de Hidalgo", Tulancingo: 1200-0600 |
| 405) | QL | a1580 | 1/0.25 | U1 | "La Popular Q-L, Sonido Brillante", Zamora: 1200-0400 |
| 406) | DM | 1580 | 50 | U1 | "La Grande de Sonora", Hermosillo: 1200-0700 |
| 407) | ART | 1590 | 1 | | Jojutla: 1300-0100 |
| 408) | BZ | 1590 | 1 | D1 | "La Rancherita", Cd. Delicias: 1300-0100 |
| 211C) | VOZ | 1590 | 10/5 | U1 | "R. Voz Su Voz Familiar", México: 1200-0900 |
| 409) | ACH | 1590 | 5 | D1 | "La Sultana de Monterrey", Monterrey, NL (v1580): 24h |
| 166C) | HC | 1590 | 10/1.5 | | "R. Bahia", Ensenada, B.C. |
| 410) | NH | 1590 | 1/0.1 | | Escuinapa, Sin. |
| 411) | PT | 1590v | 1/0.1 | U1 | Misantla: 1200-0310 |
| 412) | AE | a1600 | 5 | U1 | "La Divertida A-E", Cd. Acuña: 1400-0400 |
| 412a) | GEM | 1600 | 2 | | "R. Mexiquense", Metepec: 1200-0400 |
| 413) | ZK | 1600 | 1/0.25 | U1 | "R. Altena", Tepatitlán: 1300-0300 |

+213 low power (below 1kW) st's not listed here.

| Shortwaves | | kHz | kW | Location and h. of tr. |
|---|---|---|---|---|
| 414) | JN | r2390 | 0.5 | R.Huayacocótla |
| 415) | UJ | r5982 | 0.5 | "R. XEUJ", Linares: 1200-2400 |
| 416) | RMX | 5985 | 10 | "R. México Internacional", DF: 2200-0330 (Sun 0500) |
| 20B) | OI | 6008v | 0.25 | "R. Mil", México: 1300-1500, 2300-2400, 0330-0430 |
| 126A) | UW | 6020 | 0.25 | "La "U" de Veracruz": irr. |
| 353B) | XQ | 6045 | 0.25 | R. Universidad de San Luis Potosi, S.L.P: 1300-0500 |
| 345B) | CMT | 6090 | 1 | Onda 145, Cd. Mante: irr. |
| 147B) | QM | 6105 | 0.25 | "Su Pantera", Merida: 1115-0500 |

| | Call | kHz | kW | location, h. of tr. |
|---|---|---|---|---|
| 104B) | UDS | 6115 | 1 | "R. Universidad de Sonora", Hermosillo: 1500-0230 (Sun 0500) |
| 1B) | WW | 6165 | 10 | "La Voz de la América Latina" México: 1200-0600 |
| 176B) | EP | 6185 | 1 | R. Educación, México |
| 1B) | WW | 9515 | 10 | "La Voz de la América Latina", México: 1200-0600 |
| 285B) | QK | 9555 | 0.5 | "La Hora Exacta", México: 1400-2300 (irr.) |
| 108B) | YU | 9600 | 1/0.25 | "R. Universidad de México", México: 1400-2400 (irr.) |
| 416) | RMX | 9705 | 10 | "R. México Internacional", México: 2200-0330 (Sun 0500) |
| 416) | RMX | 11770 | 10 | "R. México Internacional", México: as 9705kHz |
| 22B) | BR | 11820 | 0.15 | "La Pantera', Hermosillo: irr. |
| 1B) | WW | 15160 | 10 | "La Voz de la América Latina", México: 1200-0600 |
| 1B) | WW | 15175 | 10 | "La Voz de la América Latina", México (alternate): irr. |
| 416) | RMX | 15430 | 50 | "R. México Internacional", México: 2000-0330 (Sun 0500) |
| 416) | RMX | 17765 | 10 | "R. México Internacional", México: as 5985kHz |

**State abbreviations** accepted by Mexican P.O.: Ags. = Aguascalientes; B.C. = Baja California; Cam. = Campeche; Chih. = Chihuahua; Chis = Chiapas; Coah. = Coahuila; Col. = Colima; DF = Distrito Federal; Dgo. = Durango; Gros. = Guerrero; Gto. = Guanajuato; Hgo. = Hidalgo; Jal. = Jalisco; Mich. = Michoacán; Nay = Nayarit; NL = Nuevo Laredo; Oax. = Oaxaca; Pue. = Puebla; Q.R. = Quintana Roo; Qro. = Querétaro; Sin. = Sinaloa; S.L.P. = San Luis Potosi; Son. = Sonora; Tams. = Tamaulipas; Tab. = Tabasco; Ver. = Veracruz; Yuc. = Yucatán; Zac. = Zacatecas. **Other abbr's:** (titles): Gte. = Gerente (Manager); Conc. = Concesionario (Licensee); Ing. = Ingeniero; Lic. = Licenciado; Admor. = Administrador; Ote. = Oriente.

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11ABC) Blvd. 5 de Febrero 50 Ote, Culiacán, Sin — Gte: Mario Huerta Riveros.
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128) Ap. 123, Tijuana, BC — Gte: J. Liberman.
129) Cd. Carmen, Camp.
130) Ap. 16, Nueva Rosita, Coah — Gte: J.F. Elizondo, Jr.
131) Carretera Nacional, Km 208, Montemorelos, NL.
132) Juárez 100, El Fuerte, Sin — Dir: L. Manterola T.
133) Ingenieros 14, Manzanillo, Col — Conc: Julio Romo V.
134) Cuauhtémoc 20, Zihuatemejo, Gro — Conc: José Barajas B.
135AB) Vidrio 2056, Guadalajara, Jal — Gte: Guillermo Fragoso N.
136) Ap. 96, Chetumal, QR — Gte: Wilbert A.R. Boeta.
137) Ap. 433, Cd. Obregón, Son — Gte: A. Castañeda.
138) Gral. González 2409, Nuevo Laredo, Tams — Conc: Ruperto Villarreal M.
140) Av. Hidalgo 317, Coatcacoalcos, Ver — Gte: C. Esquivo
141) Pasaje Enríquez 14-F, Jalapa, Ver — Gte: Luis I. Santibañez P.
142) Vicente Guerrero Oriente 704, Cd. Juárez, Chih — Gte: P. Meneses H.
143) Constitución Nte, 1 altos, Apatzingán, Mich — Gte: Manuel Flores E.
144) Ap. 148, Mazatlán, Sin — Gte: Juan M. Rincón.
145A) Matamoros 738, Cd. Victoria, Tams — 145A) Gte: F. Elizalde R — 145B) Gte: A. Elizalde R.
146) Valle 14 No. 76, Matamoros, Tams.
147) Calle 62 No. 508 Altos, Merida, Yuc — Gte: Mario E. Gonzalez Peraza.
148) Ap. 95, Cananea, Son.
149) Pte. V. Carranza 100, Colonia Comercial, Nueva Rosita, Coah — Gte: Daniel Boone M.
150) Madero 116, La Piedad, Mich — Dir: Heriberto Guizar C.
151) Veracruz 135 Norte altos, Tepic, Nay — Gte: M. García de la Cadena.
152) Corregidora 123 Sur altos, Queretaro, Qro — Gte: S. Rosiles.
153A) Matamoros 1001 Pte. 153B) Ap. 301, both Navojoa, Son — Gte: Gral. 153A) J.S. Terminal — Conc: 153B) J.M. Infante.
154A-D) Diaz Mirón 301, 154B) Ap. 83, all Tampico, Tams — Gte: G. de la Rosa.
155) Hidalgo 309, Cosmaloapan, Ver — Conc: Zoyla Muñoz C.
156) Ap. 41, Zacatecas, Zac — Gte: José Bonilla.
157) Ap. 21, Valladolid, Yuc — Gte: Alonso López Mendez.
158) Av. Alfarero 1301, Colonia Industrial, Mexicali, BC — Gte: Miguel V. Castro.
159) Km 5, Carretera Transpeninsular, La Paz, BC Sur — Conc: Raul F. Aréchiga Espinoza.
160) Valerio Trujano 708, Oaxaca, Oax — Gte: S.J. Alcazar.
161) Ap. 600, Tuxtla Gutiérrez, Chis — Conc: Amin Siman H.
162) Av. Juárez 1002, Teziutlán, Pue — Gte: Roberto Romero R.
163A-C) 15 de Mayo 650 Ote. 163C) Jiménez Nte. 730, all Monterrey, NL — Gte. Gral (163A): J. Orozco; 163C): Dir: E. Estrada.
164A-C) Pasaje Ramón Corona 2, Edif. Continental, Cd. Juárez Chih — Adm: A. Villegas — 164D) Av. 16 de Septiembre 329, Oriente No. 308, Cd. Juárez, Chih. Conc: José Partida V.
165) Madero 2201, 88000 Nuevo Laredo, Tams.
166A) Edif. Abakumoff, Ensenada, BCN — Gte: Mario E. Mayans.
166BC) Av. Ruiz 10, Ensenada, BCN.
167) Ap. 505, Torreón, Coah — Gte: J.B. López Torres.
168) Ap. 59, Nuevo Casas Grandes, Chih — Gte: L.F. Molinar.
169) Allende 105, Chihuahua, Chih — Dir: Guillermo López B.
170) Alvaro Obregón 173 Sur, Culiacán, Sin — Dir: Dr. F. Rivadeneira.
171) Benjamin Franklin 4, Veracruz, Ver — Conc: José Leonardo Bravo M.
172) Lote 14 s/n, Pátzuaro, Mich — Gte: Josefina Rodríguez I.
173) Chetumal, Q.R.
174) Ap. 32, Lagos de Moreno, Jal — Gte: Delia S. de Sanchez.
175A-C) Ap. 118, Monterrey, NL — Dir: Lic. T. Bichara.
176) Dirección General de Educación Audio-Visual, Angel Urraza 622, Colonia del Valle, México 12, DF — DG: Héctor Murillo Cruz.
177) Calle 22 No. 147, Cd. del Carmen, Camp — Gte: M.A. Boeta B.
178) Av. Hidalgo 48, Minatitlán, Ver — Gte: Adelberto Girón M.
179) Av. López Mateos 328, Guadalajara, Jal — Gte: R. Rubio.
180) 3 Sur 102, altos Tehuacán, Pue — Gte: R. Valiente M.
181) Paricutín Sur 316, Colonia Roma, Monterrey, NL — Gte: Francisco A. González.
182A) 5 de Mayo 571, 182BD) Ap. 118, 182C) Tres-Guerras 23-4, all Irapuato, Gto — Gte: (182BD): J.A. Hermández. Gte: (182C): A. Conreras H.
183) Bajio 282-102, Colonia Roma Sur, México 7, DF — Conc: Homero Barrenechea D.
184) Francisco Cardenas 100-36, Tijuana, BC
185) Allende 1504 y 1514, Nuevo Laredo, Tams — Gte: F.J. Cortés.

186A) Ap. 482, Veracruz, Ver. 186B) Bravo 1103, 2°piso, Veracruz, Ver — Gte: I. Díaz Rodríguez. Re. to V. Gómez B.
187) Padre Quintana 5, 38800 Moroleón, Gto.
188) Rincón 41, Perote, Ver, — Gte: Guillermo Morales.
189) Calle de la Prensa 212, San Jerimo Lidice, México 6, DF
190) Hidalgo 208, León, Gto — Jorge Torres.
191) Venustiano Carranza 213, Chihuahua, Chih — Conc: León Michel Vega.
192) Ap. 160, Cd. Villes, SLP — Gte: R. Aguilar.
194) Hidalgo 261, Compostela, Nay — Conc: Julio Mandragón González.
195) Vasquez & Hildago, Nogales, Son — Gte: Eelena Miranda.
196) Pasaje Revolución Locales 5 y 7, Jalapa, Ver — Gte: D. Mondragón.
197A) Blvd. A. Lopez Mateos 202, 1er piso, León, Gto — Conc: G. Montes R — 197B) Blvd. López Mateos s/n, León, Gto — Gte: G. Quirogade la Hoz.
198) 1 Norte 101-6, Tehuacan, Pue — Gte: J.L. Moreno
199) Colegio Militar y Av. Sonora, Mexicali, BC.
200) Bolívar 261, San Pedro de las Colonias, Coah — Gte: A. Valdés G.
201) Ap. 140, Hidalgo del Parral, Chih — Gte: M. Orpinel M.
202) Calle 64 No. 498, Mérida, Yuc — Gte: Luis A. Rivas.
203) Melchor Ocampo 335, Macuspana, Tab — Conc: Fausto Aguilar Saldivar.
204AB) Miguel Auza 314, Zacatecas, Zac — Gte: E. Llamas F.
205) 16 de Septiembre 573, Acámbaro, Gto — Gte: Rubén E. Morales H.
206) Mazatlán 30, Uruapan, Mich — Conc: Vita L. de Flores.
207) Lázaro Cárdenas 6, Perote, Ver — Gte: Raúl Molina R.
208) Av. Juárez 2108, 4°piso, Puebla, Pue — Conc: J.B. Ponce de León T.
209) Rafael Mezgar 15 Nte, Cozumel, Q.R.
210) Ap. 52, Reynosa, Tams — Gte: A. Karam K.
211A-D) Grupo Acir, Insurgentes Sur 70, México 6, DF — Dir. Gral: F. Ibarra L — 211B) Av. Pirineos 770, México 10, DF.
212) Av. 4 Poniente 421-17, 94100 Huatusco, Ver.
213) Dosamantes 400, Fracc. Los Colorines, Cd. Juárez, Chih — Gte: O. Lagarreta.
214A-C) Av. Morelos 241-F, Cuernavaca, Mor — Gte: D. Rubio García.
215) Ap. 65, Zacapú, Mich — Conc: Guillermo Calzada C.
216) Av. del Parque Sur 6, Cd. Delicias, Chih — Gte. Gral: R. Uranga.
217) Moctezuma 2, Huauchinango, Pue — Conc: Natividad Rodríguez M.
218) Blvd. Agustin S. Lopez y Av. Serdán, Guaymas, Son — Gte: Alejandró Padilla R.
219) Ap. 229, Oaxaca, Oax — Gte: Sergio J. Alcazar.
220) A. Alvaro Obregón 452, 220B) Ap. 199, all Nogales, Son
221) Paricutín Sur 316, Monterrey, NL — Conc: Francisco A. Gonzáles S.
222) Ap. 182, Los Mochis, Sin — Gte: Francisco Pérez.
223) Miguel Alemán 301-B, Sierra de Alica, Zac — Dir: Jesus Jaquez Acuña.
224) Colegio 33, Hidalgo de Parral, Chih — Gte: A. Gutierrez.
225) Allende Norte 509, Saltillo, Coah — Gte: J. Ruíz S.
226) Calle 4a, Ote 4, Arriaga, Chis — Conc: Noe Vásquez G.
227) Ap. 2, Tixtla, Gro — Gte: Andrés Peyrón G.
228A) Ap. 64, 228B) Av. Zaragoza 15, both Queretaro, Qro — Gte: S. Rodríguez M.
229) Zaragoza y Carretera Internacional, Hermosillo, Son — Gte: E. Esquer V.
230) Blvd. Benito Juárez 1 400, Monclava, Coah — Gte: Lic. Humberto Medina A.
231) Ap. 29, Ojinaga, Chih. — Dir: A. Sáenz.
232) Ap. 81, Linares, NL — Gte: M. Angel M.G.
233) Ap. 4, Cad. Camargo, Chih — Gte: Javier Padilla Cruz.
234) Colón 301 altos, Oaxaca, Oax — Gte: A. Márquez.
235) Av. Juárez 103, Navojoa, Son — Gte: Francisco M. Gómez C.
236) Av. Alvaro Obregón 38-1, Nogales, Son — Conc: Ramón Guzman Rivera.
237) Ap. 203, San Luis Río Colorado, Son — Gte: F. Gutierrez M.
238) Enriquez 404, Papantlá, Ver — Gte: J. Vázquez G.
239) Ixmiquilpan, Hgo.
240) Ap. 424, León, Gto.
241) Calle 56 No. 447-51, 97000 Mérida, Yuc — Gte: M. Rodríguez.
242) Av. Central 8 y Guerrero 14 altos, Huixtla, Chis — Conc: J.M. Infante.
243) Venustiano Carranza 203, Chihuahua, Chih — Gte: Roberto Boone M.
244) Miguel Aleman y Juarez, Colima, Col — Gte: Gustavo Ortiz.
245) Juárez 171-504, Guadalajara, Jal — Gte: F. Gayón G.
246AB) Grupo Estrellas de Oro, Paricutín Sur 316, Col. Roma, Monterrey, NL — Gte: F.A. Gonzalez.
247) Predio Pilares s/n, Panzacola, Oax — Conc: Ramón Bojalil B.
248) Ap. 19, Tonalá, Chis — Conc: Maria T. Ibarra C.
249) Ap. 32, Jiquilpan, Mich.
250) Angel Flores Pte 412, Mazatlán, Sin — Dir: I. Cuervo G.
251) Veracruz 230 Sur, Cd. Obregón, Son — Gte: E. Manzanilla.
252) San Miguel 97, Salvatierra, Gto.
253) H. del Cañoñero Tampico 306. Ote, Tampico, Tams.
254) Profa. E. Dosamantes 400, Cd. Juárez, Chih — Gte: Esteban Parra P.
255) Av. Ojinaga y Calle 1a, Cd. Madera, Chih — Gte: Arturo Muñoz.
256) Domicilio Concido, San Francisco del Rincón, Gto — Conc: Jaime Robledo Romero.
257) Calle Morelos Altos, Edif. Peña, Guamuchil, Sin — Conc: Fco. B. Meza G.
258A-C) Calle Pedro Belli 229, Martínez de la Torre, Ver — Gte: P. Manterola R. Gte (226B): Diego Arrazola B.
259) Universidad de Chihuahua, Domicilio Conocido, Chihuahua, Chih — Dir: A. Varona T.
260) Calle 5a y Av. Panamericana 304, Agua Prieta, Son — Conc: Jesus Rodríguez Verdugo.
261) Ap. 12, Matamoros, Tams — Gte. Gral: V.M. Salinas G.
262) Ap. 6, Torreón, Coah — Gte: José Luis Perez.
263) Ap. 32, Tizmín, Yuc — Gte: Arturo Iglesias V.
264) Av. Dr. Belisario Dominguez 12, Comitán, Chis — Gte: C.M. Amador P.
265) Allende 613, Jiménez, Chih — Gte: G. López B.
266) Ap. 35, Huejutla, Hgo — Conc: José Pintos M.
267) Av. Lazaro Cardenas 1110, Norte, Nueva Italia, Mich — Conc: Silvia E. Godoy C.
268) Finca Los Angeles, Zamora 1625, Tuxtepec, Oax.
269) Ap. 60, Mazatlán, Sin — Gte: Oscar Perez G.
270) Morelos y 5 de Mayo, Irapuato, Gto — Gte: A. Martínez V.
271) Rosales 284 Pte, Culiacán, Sin.
272A) 5a Av. y Calle 10, Cd. Madero, Tams — Conc: Juan G. Guerra L. 272B) Madero 305, Tampico, Tams — Gte: Ing. A. Pereda L.
273) Fuente Oriente 304, Monclova, Coah — Conc: José Booné Menchaca.
274) Calle 11 4 Av. Sonora, Mexicali — Gte: Carlos Araiza.
275) Calle 3 a Norte 107, Cd. Delicias, Chih — Gte: D. Adrian F.
276) Urdaneta 13, Acapulco, Gro.
277) Ap. 275, Morelia, Mich.
278) Av. Hidalgo 316, Fresnillo, Zac — Conc: Hilda Gomez Mendoza.
279) Vallarta 1, 609-A, México, DF
280) Tenoxtitlan y Allende 99, Los Mochis, Sin — Conc: L. Pérez G.
281) Hidalgo 408, Escuinapa, Sin — Gte: Francisco Millan.
282) Atlacomulco, Edo. de México.
283) Ap. 65, Coatzacoalcos, Ver — Gte: Lic. O. Béjar G.
284) Ap. 5, El Grullo, Jal — Gte: Roberto Pérez G.
285) Rio Tiber 100, 9°piso, México 5, DF — Gte: Guillermo Morales N. Re. to Dir. Tec: Ing. F. Gómez B.
286) Plutarco E. Calles 18, Naco, Son — Gte: Jesus M. Franco M.
287) Julian Carrillo 705-A, Chihuahua, Chih.
288) Av. Manzanillo 15, Armeria, Col — Conc: David Flores Padilla.
289AB) Tres Guerras 8120-A, Celaya, Gto — Gte: E. Larrea V.
290) Ap. 2, Iguala, Gro — Conc: Rafael Campos M.
291) Juan Escutia 1647, Culiacán, Sin — Gte: G. Escalante.
292) Constitución 7, San Andrés Tuxtla, Ver — Gte: B. Ramos F.
293) Art. 123 No. 90, México DF.
294) Humboldt 16, Juarez, Zac.
295) Calle 10 No. 183, Campeche, Camp — Gte: Prof. Alejrandro Casanova Brito.
296) Ap. 115, Durango, Dgo — Gte: Manuel Gomez A.
297) Av. Juárez 2108, Puebla, Pue — Gte: F. Urbina.
298) Av. Cd. Obregón 81, altos, Nogales, Son — Conc: Gastón Mascareñas Miranda.
299) Hidalgo 606, Salvatierra, Gto — Gte: R. Ariaga C.
300) Hidalgo y Juárez 180, Cd. Victoria, Tams — Gte: Enrique Cardenas González.
301) Juan Alvares 301, Villahermosa, Tab — Gte: Lic. E. Lodoza G.

302) Jalapeños Ilustres 3-2, Jalapa, Ver — Gte: José L. Oliva.
303) Juárez 307 Sur, Cd. Allende, Coah — Conc: José Luis Moreno Vásquez.
304) Km 1 Carretera a Tecomán, Cerro de Ortega, Tecomán, Col — Conc: Delia Escamilla M.
305) Juárez 703 Ote, Cd. Mante, Tams.
306) Ap. 9, Chihuahua, Chih — Gte. Agustin Caldera M.
307) Blvd. Adolfo López Mateos 230 Ote, León, Gto — Gte. J. Rubio.
307x) Edif. Central, Calle 60 y 57, Mérida, Yuc — Dir: Hernán Ramirez Loría.
308) Guerrero Ote 474, Reynosa, Tams — Gte. F. Garcia Peña.
309) Av. Juárez 13, Tuxpan, Ver — Conc: Calixto Almazán Barrón.
310) Cuauhtémoc y Moreno, Santa Ana, Son — Conc: Alfredo Marín Castro.
311) Corona 354 Pte, Saltillo, Coah — Gte. Alberto Joubert.
312) Ap. 190, Hidalgo del Parral, Chih — Gte. D. Salayandia.
313) Lote No. 7, Av. Río Balsas, Lázaro Cárdenas, Mich.
314) Laguna de Parra 630, Morelia, Mich — Conc: T. Ponce.
315) Tamazula, Jal — Gte. Ma. Perez de García.
316) Ap. 49, Acaponeta, Nay — Gte. Pedro Aguiar V.
317) Juan Terraza 402 Sur, Torreón, Coah — Conc: Alejandro Rodríguez Moran.
318) 16 de Septiembre Nte. 426, Guadalajara, Jal — Dir. D. Martínez M.
319) Blvd. Rosales 201 Nte. esq. con Aquiles Serdán, Los Mochis, Sin — Dir: F. Pérez A.
320AB) Ap. 200, Nuevo Laredo, Tams — Conc: Deyla Ruiz V.
321) Carlos Rovirosa y Blvd, Salinas s/n, Tijuana, BC — Gte. G. López M.
322) Xalpa, Zac.
323) Plaza Juárez 103, Pachuca, Hgo — Gte. L. Soto V.
324) 5 de Mayo Ote 110, Monterrey, NL — Gte. J. Luís Alcántara.
325) 24 Sur 914, Tehuacán, Pue — Gte. F. Sanchez.
326) Edif. Cardenas Galván, Av. Cuauhtémoc y 12a, Matamoros, Tams — Gte. Jorge Cardenas G.
327) Hidalgo esq. con Gutiérrez Zamora, Jaltipan, Ver — Conc: Laura Escamilla M.
328) Julian Carrillo 705, Chihuahua, Chih.
329) Ap. 52, Iguala, Gro — Gte. I. González R.
330) Galeana 1, Ixtepec, Oax — Gte. H. López L.
331) Calle 12 No. 112, Campeche, Camp.
332) Ap. 1, Tempdal, Ver — Gte. Guillermo Torres.
333) Veracruz 230 Sur, Cd. Obregón, Son — Gte. F. García.
334) Ap. 13, Cd. Miguel Alemán, Tams — Sub Gte: D.O. Villarreal G.
335) Ap. 279, Villa Constitución, BC Sur — Gte. G. Espinosa.
336) Ap. 287, Ensenada, BC — Gte. G. Reyes Jiménez.
337) Av. Morelos 1320 Pte, Desp. 402, Torreón, Coah.
338) Ap. 60, Cintelapa, Chis — Conc: Manuel R. Ibarra C.
339) Km 186 Carr. Central SLP — Saltillo, Mate-Huala, S.L.P.
340) Av. Madero 77, Zacoalco de Torres, Jal — Gte. José Toscano.
341) Juarez 56-B, Minatitlan, Ver — Gte. Ramiro López.
342) Ap. 18, Orizaba, Ver — Gte. Ernesto Reneaum.
343) Dolores 17, 5°piso, México, DF — Conc: Rafael García V.
344) Pte. Gustavo Díaz Ordaz s/n, Sahuayo, Mich — Conc: Alberto Barragán Degollado.
345AB) Km 560, Carretera México-Laredo, Cd. Mante, Tams — Conc: Ricardo López M.
346) Av. del Trabajo y Bordo Viejo, Santiago Ixcuintla, Nay — Conc: Julio Mondragón G.
347) Ap. 66, Villahermosa, Tams — Gte. V.M. Sabinas.
348) Ap. 18, Orizaba, Ver — Gte. E. Hernández.
349AB) Av. Unión y Michoacán, Poza Rica, Ver — Gte. J. Vázquez G.
350) Zaragoza 59 altos, Atotonilco el Alto, Jal — Gte. Miguel Ozkar.
351) Bustamente 112, Oaxaca, Oax — Gte. Roberto Plies.
352) Ap. 50, Zitácurao, Mich — Gte. P. Estabán P.
353) Ap. 456, San Luis Potosi, SLP — Dir: Manuel Carillo Grageda.
354) 5 de Febrero 650 Nte, Cd. Obregón, Son — Gte. Luis Trueba.
355) Profa E. Dosamentes 400, Cd. Juárez, Chih — Gte. O. Lagarreta.
356) Ap. 1470, Tijuana, BC (P.O. Box 377, San Ysidro, CA 92073, USA) — Gte. E. Ruíz V.
357) Calle 25 No. 201, Becal, Camp.
358) Tenochtitlán y Allende 99, Los Mochis, Sin.
359) Priv. Internacional 303, Mazatlán, Sin — Conc: Pablo Xibille Partida.
360) Km 1, Camino a Reynosa, Cd. Miguel Alemán, Tams — Gte. Gustavo Gómez P.
361) Av. Cuauhtémoc 35, México DF.
362) Hidalgo 316-1, Fresnillo, Zac — Gte. José Bonilla.
363) 6 de Abril y Calle 8, Caborca, Son.
364) Juan Terraza 402 Sur, Torreón, Coah.
365) Galeana 2, Ixtepec, Oax — Conc: José Becerra F.
366) Av. la Norte No. 303, Cd. Delicias, Chih.
367) Ap. 91, Cd. Frontera, Coah — Conc: Jesus F. Elizondo V.
368) Calle de Arco 1, Taxco, Gro — Gte. B. García A.
369) Madero 305, Tampico, Tams — Gte. Daniel López.
371) Plaza de Armas 9, Acayucan, Ver — Conc: Raymundo Martínez Dominguez.
372) Granja el Brillante, Ameca, Jal — Conc: Salvador López C.
373) Ap. 68, Zamora, Mich — Gte. M.A. Sánchez G.
374) Abasola y González, Matamoros, Tams — Gte. A. Gallegos.
375) Km. 219.3 Carretera Panamericana, Querétaro, Que — Conc: Gloria L. Avila V.
376) Betancourt 412 con La Paz, Matehuala, SLP — Gte. Ricardo Boone M.
377) 15 Pte. 125, Guaymas, Son — Gte. J. Refugio O.
378) Av. Coyocán 1899, México, DF — Gte: Edmundo Llamas Félix.
379) Ap. 1515, Veracruz, Ver — Gte. Francisco Irving.
380) Federico del Tor 133 Altos, Cd. Guzmán, Jal.
381) Independencia y Madero, Celaya, Gto — Gte. René Olivares.
382) Palacio de Gob. de Edo, Monterrey, N.L.
383) Av. Melgar 15 Nte, Cozumel, Q.R. — Gte. Luis Pavia M.
385) Carr. Nal. 38, San Rafael, Ver — Gte. Pedro Mantuela.
386) Allende, Coah — Gte. Tomás García.
387) Ap. 333, San Luís Rio Colorado, Son — Conc: Francisco Encinas Angulo.
388) Escobar 33, Huimanguillo, Tab — Gte. C.Z. Díaz R.
389) Av. Hidalgo y Juárez, Cd. Victoria, Tams — Conc: Enrique Cardenas González.
390) Ap. 45, Zamora, Mich — Gte. Emilio Pérez.
391) Ap. 60, Silao, Gto — Gte. J. Sánchez R.
392) Km. 695, Carr. Tampilo-Barra Navidad, San Juan de los Lagos, Jal — Conc: José I. Alvorado R.
393) Av. de los Olivos 305, Fracc. Cubillas, Tijuana B.C.
394) Ap. 426, Jalapa, Ver.
395) Km 1 Carr. Champotón, Cd. del Carmen, Champotón, Cam.
396) Ap. 430, Lázaro Cárdenas, Mich — Gte. Havier Sarmiento.
397) Paseo de la Reforma 322, México, DF — Gte. R. Marin y Kall. Re. to Fred Clark, Operations Mgr.
398) Calle Juárez 100, Irapuato, Gto.
399) Av. Hidalgo 595, Ixtlán del Rio, Nay.
400) Rayón 185, Cd. Acuña, Coah — Gte. R. Valdez M.
401) López Mateos 402 Pte, Celaya, Gto — Gte. Jesus Briones.
402) Ocampo 22, Jalpa, Zac — Conc: Jorge H. González B.
403) Ap. 40, Chilpancingo, Gro — Gte. H. Castorena N.
404) Plaza Constitución y Manuel F. Soto, Tulancingo, Hgo — Gte. J. Hernández G.
405) Ap. 40, Zamora, Mich — Gte. J. Martínez G.
406) Edif. Matamoros, Combate D1, Hermosillo, Son — Dir. Gral: Ing. C.V. Rodríguez.
407) Jojutla, Morelos.
408) Calle 4a Nte. 605, Meoqui, Chih — Gte. A. Fournier.
409) Rio Tiber 100, 9°piso, México, DF — Conc: Sucesión de Daniel Morales Blumenkron.
410) Km 1107 Carr. Internacional, Escuinapa, Sin — Conc: Gerardo Millán Rios.
411) Hidalgo 139-C, Misantia, Ver — Gte. Hilario Avila S.
412) Edif. R. Centro, Madero Pte. 20, Cd. Acuña, Coah — Conc: Elida Treviño G.
413) Matamoros y M. Doblado, Tepatitlán, Jal — Gte. José Alvarado R.
414) Universidad Ibero-Americana, Av. Cerro de las Torres 395, México DF (Ap. 13, Huayacocotla, Veracruz) — Dir: Jesús Maldonado G.
415) Ap. 62, Linares, Nuevo León — DG: Marcelo Becerra González
416) Ap. 24306, 06700 México DF — Dir: Armando Reyes Verlade. Dir. Tec: Constantino Pérez Vega. Int. Rel: Alfonso Aranda.

**External Sce:** 2000-2200 on 15430kHz, 2200-0330 (Sun 0500) on 5985/9705/11770/15430/17765kHz. All prgrs in Spanish.

**V:** SW verifications received in 1983/84 from st's 104B), 108B), 126A), 147B), 285B), 353B), 414), 415), 416).

# MONTSERRAT

**L.T:** UTC – 4h — **Pr.L:** English.

## RADIO MONTSERRAT (Gov.)

**ADDR:** P.O. Box 51, Plymouth, Montserrat. **Te:** 2451.
**Cable:** Radmon. **L.P:** St. Mgr: R. W. White.
**STATION:** 885kHz 1kW — **D.PRGR:** 0900 (Sun 1100)-0200.
**ANN:** "ZJB Radio, the Voice of Montserrat".

## RADIO ANTILLES (Comm.)

**ADDR:** P.O. Box 930, Montserrat, West Indies.
**Te:** 2755-8. **Telex:** 5717ARCMK.
**L.P:** Chmn: Klaus Schütz. Man. Dir: Dr. H. Fellhauer. Gen. Mgr: Kristian Knaack.
**STATIONS:** 930kHz 200kW — 740kHz 20kW — **FM:** 99.9MHz 0.3kW, 104.0MHz 6W. **Relay st:** (St. Vincent) 1450kHz 10kW.
**D.PRGR:** W 0930-0030 on 740/930kHz. **French:** 1000-1030 & 1400-1900 on 740/930kHz, 2230-2330 on 740kHz (French prgrs. also rel. by St. Vincent 1450kHz). Other times in **English. N:** on the h. in English prgrs.
**Rel. R. Canada International:** 2230-2300 on 740/1450kHz, 2300-2330 on 930kHz (see RCI schedule under "Canada").
**FM Sce. in English:** 0930-0030 on 99.9/104.0MHz.
**ANN:** E: "This is R. Antilles". F: "Ici R. Antilles".
**INT-SIG:** Carillon (two notes) + "This is our Island in the Sun".
**V.** by letter with coverage map. (B).
**F.PL:** Rel. of Deutsche Welle in German.

## DEUTSCHE WELLE MONTSERRAT

**STATION** 1 x 50kW tr (G.C: 62.11W/16.43N)

| kHz | kHz | kHz | kHz |
|---|---|---|---|
| 9545 | 11705 | 11810 | 11865 |

For prgr. details see D. Welle, Germany.

# NETHERLANDS ANTILLES

**L.T:** UTC – 4h — **Pr.L:** Papiamento, Dutch, English.
**E.C:** a/c 50 + 60, 127/220V (yes).
**STATIONS: Mediumwaves**

| | Call | kHz | kW | Name and location |
|---|---|---|---|---|
| 1) | PJB | 800 | 500 | TWR, Bonaire |
| 2) | PJZ-86 | 860 | 10 | R. Curom, Willemstad |
| 3) | PJA-6 | 960 | 10 | R. Victoria, Aruba |
| 4) | PJC-7 | 1010 | 3 | R. Hoyer 1, Willemstad |
| 5) | PJL-3 | 1100 | 0.25 | R. Caribe, Willemstad |
| 6) | PJA-8 | 1270 | 1.25 | R. Antiliana, St. Nicolaas |
| 7) | PJD-2 | 1300 | 1 | Sunshine Radio, Philipsburg |
| 8) | PJA-10 | 1320 | 1 | Voice of Aruba, Oranjestad |
| 9) | PJB-2 | 1400 | 1 | Voice of Bonaire, Bonaire |
| 10) | PJA-5 | 1440 | 1 | R. Kelkboom, Oranjestad |
| 4) | PJC-9 | 1500 | 3 | R. Hoyer 2, Willemstad |

**FM:** 2)95.5MHz 4kW; 3)93.1MHz 0.25kW, 107.7MHz 0.01kW; 4)101.9/105.1MHz 5kW; 5)99.5MHz; 8)89.9MHz 10kW; 11)93.9MHz 6.4kW.

**Addresses and other information**

St's 1), 3) Rlg — others commercial.
1) See separate listing (Trans World Radio).
2) P.O. Box 31, Markstraat 20, Willemstad, Curaçao. **Te:** 613938 — Dir. & Gen. Mgr: O. Cuales. Chief Eng: C. Siegenthaler. 1000-0600 in **Papiamento** (95%) — **V.** by letter. Rp. **F.PL:** new studios in Otrobanda, Willemstad.
3) P.O. Box 410, Oranjestad, Aruba. **Te:** 47090. **Cable:** Team — St. Mgr: E. Parsons. Chief Eng: W. Gandre — 1100 (Sun 1200)-0100. Entire day is divided into segments of Papiamento, English, Dutch and Spanish. **N.** (W only): **English:** 1130, 1630, 2230. **Papiamento:** 1150, 1400, 1600, 1700, 1900. **Dutch:** 1650. **Spanish:** 2100. **FM-Sce** (for Aruba only): W 1200-0300 (music). **V.** by QSL-card. Rp. (B) from anywhere in the Caribbean. **Fl:** By comm. adv. and freewill offerings.
4) Julianaplein 21, Willemstad, Curaçao. **Te:** 611678 — Man. Dir: Mrs. H. Visser-Hoyer — W 0930-0430, Sun 1230-0330. R. Hoyer 1 in **Papiamento** on 1010kHz + 101.9MHz, R. Hoyer 2 in **Dutch** on 1500kHz + 105.1MHz — **V.** by QSL-card. (B).
5) Nieuwestraat 22B, Willemstad, Curaçao. **Te:** 12801. **Cable:** R. Caribe — Dir. Gen: C. R. Heilegger. Dir. Tec: G. A. Heilegger — 1000 (Sun 1200)-0400. W: **Papiamento:** 1000-1700, 1900-2200, 0100-0400. **N:** 1615-1700 — **Spanish:** 1700-1900, 2200-0100. **N:** 1700, 1800 (VOA), 2200, 0015. Sun: **English** (rlg. prgr's); 1200-1400, 2200-2300 — **Papiamento:** 1400-1700, 1830-2200, 2300-0400 — **Spanish:** 1700-1830. **N:** 1815. **V.** by letter. Rec. acc.
6) P.O. Box 28, Bernardstraat 61, St. Nicolaas, Aruba. **Te:** 5602 — Gen. Mgr: H.E.A. Booy. Dir. of Tec. Sce: E.J. Prins — 0930-0500 (Sat 0800). **N**(W): **English** 1040, 1140, 1440, 1635, 1700. **Papiamento:** 1100, 1200, 1330, 1650, 1730, 2130, 2300. **V.** by letter. Rec. acc.
7) P.O. Box 366, Philipsburg, St. Maarten. — Gen. Mgr: L. Stein. St. Mgr: M. Philips — W 1000-0300, Sun 1400-2400. **N:** 1030, 1630, 2230. **V.** (B).
8) P.O. Box 219, Oranjestad, Aruba — Dir: A.M. Arends Jr. **In Dutch, English, Spanish:** On 1320kHz: 1000-0500 (Sat 0700); Sun 1100-0500. On **FM:** "Channel 90" (separate prgrs): 1000 (Sun 1200)-0500. **V.** by QSL-card or letter.
9) Radiodifucion Boneriano N.V, Playa P'abau 10, Bonaire. **Te:** (07) 8273 — Gen. Mgr: F. Piloto — 1200 (Sun 1300)-0200 in **Papiamento. N:** 2200. **V.** Reports appreciated from Venezuela.
10) P.O. Box 146, Oranjestad, Aruba. **Cable:** Kelkboom. **Te:** 21899/22766. — Mgr: Carlos A. Kelkboom. Chief Eng: H.J.M. Kelkboom. Dir. Prgrs: E.A.M. Kelkboom — 1100 (Sun 1400)-0200. **Papiamento: N:** 1130, 1230, 1400, 1500, 1615, 1645, 2030, 2200 — **Spanish:** Tues/Sat 0015-0045 — **Dutch:** Sun 1430-1500, 1630-1700, 2000-2030, 2345-2400; Tues 1830-1900; Wed 0115-0145.
11) R. Kursow, Bataljonweg 7, Willemstad — Owner: H. Oosterhof.

## TRANS WORLD RADIO (Cultural, Educational, Religious)

**ADDR:** Trans World Radio, Bonaire, Netherlands Antilles. **Te:** 8800. **Cable:** VOTAN: **Telex:** 1296.
**L.P:** Pres: Dr. Paul E. Freed. St. Dir: George D. Cooper. Broadc. Op's: Gary James. Tr. Eng. Mgr: Bob Porter. Tec. Dept. Mgr: Ron Johnson. Prgr. Dir: Bob Ketchersid. Spanish Dept. Mgr: Angel Bongiorno. Portuguese Dept. Mgr: Dan Canfield. English Dept. Mgr: McDaniel Phillips.

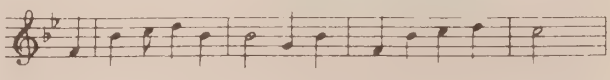
**STATIONS** (G.C: 68.28W/12.11N): 800kHz 500kW.
**Shortwaves:** 1 x 50kW and 1x250kW tr's.

| kHz | kHz | kHz | kHz | kHz | kHz |
|---|---|---|---|---|---|
| 9535 | 9560 | 11815 | 11875 | 11895 | 15355 |

**D. PRGRS. on 800kHz:** 0500-0600 Spanish, 0729-0900 Portuguese, 0900-1115 Spanish, 1115-1242 (Sat 1405, Sun 1337) English, 2215-2342 Spanish, 2342-0045 Portuguese, 0045-0229 Spanish, 0229-0500 English.
**N: Spanish:** 0159, 0500, 1000, 1042, 2215, 2300. **Portuguese:** 0730. **English:** 0259, 0455, 1130, 1230 (Mon-Fri), 1330 (Sat/Sun).
**Shortwave Schedule:** I = So. America, II = No. America, III = Ce. America.
**Schedule: Nov 1984-Apr 1985:**

| English | Area | kHz | Portuguese | Area | kHz |
|---|---|---|---|---|---|
| 0355-0455 | II | 9535 | 0925-1000 | I | **11895** |
| 1110-1242* | II | 11815 | **Russian** | | |
| | I | 11875+ | 0045-0130 | I | 11875 |
| *) Sat 1405, Sun 1337 | | | **Spanish** | | |
| **German** | | | 2210-2300 | I | 11875 |
| 2330-2400 | I | **15355** | 0045-0235 | I | 15355+ |
| 1000-1030 | I | **11895** | 0130-0235 | I | 11875 |
| **Portuguese** | | | 0455-0600 | I | 11895+ |
| 2300-0045 | I | 11875 | 0458-0600 | III | 9535 |
| 0000-0045 | I | **15355** | 0930-1100 | I | 9560 |
| 0725-0930 | I | 9560 | | | |

Freq's in bold = 250kW, +) 80kW.
**N. Spanish:** 0230, 0500, 2215. **English:** 0455, 1130, 1230, 1330 (Sat/Sun). **Portuguese:** 0730.
**ANN:** "This is the international sound of the Caribbean, Trans World Radio, Bonaire" — **INT-SIG:** "Stand up, Stand up for Jesus" played with various instruments.



**V.** by QSL-card. Rp. preferred. IRC's requested(B). All correspondence replied by airmail. Re. in E and Sp. no tapes — **PUB:** Prgr. schedule free — **Fl:** Voluntary contributions from individuals, organisations, foundations, churches.

**We welcome monitoring reports from visitors to the Caribbean area especially on low power stations.**

### RADIO NEDERLAND RELAY STATION

Bonaire RNW (G.C: 68.19W/12.13N): 2×300kW SW-trs.

| kHz | kHz | kHz | kHz | kHz | kHz |
|---|---|---|---|---|---|
| 6020 | 9590 | 9715 | 11740 | 15315 | 17605 |
| 6165 | 9650 | 9770 | 11880 | 15560 | 21685 |

Prgr. details see R. Nederland, Netherlands.

## NICARAGUA

**L.T:** UTC − 6h — **Pr.L:** Spanish — **E.C:** a/c 60, 120V (main cities; yes)

### DIRECCION DE MEDIOS DE COMUNICACION

**ADDR:** Ministério del Interior, Managua.
**L.P:** Directora Lt. Nelba Cecilia Blandón.
**STATIONS:** 4) Gov, 11) Rlg.
**Mediumwaves:** Call HT-, °=shortwave

| | Call | kHz | kW | Name, location and h. of tr. |
|---|---|---|---|---|
| 1) | A540 | 540 | 10 | R. Corporación, Managua: 1000-0500 |
| 2) | C555 | 555 | 10 | R. 19 de Julio, Chinandega: 1000-0600 |
| 3) | L570 | 570 | 5 | R. Insurrección, Matagalpa: 1100-0400 |
| 4) | A620 | °620 | 10 | La Voz de Nicaragua, Managua: 24h |
| 5) | E650 | 650 | 1 | R. Jalteva, Granada |
| 6) | A660 | 660 | 10 | R. Deporte, Managua: 1100-0400 |
| 7) | A700 | 700 | 10 | R. Fabuloso 7, Managua |
| 8) | A720 | 720 | 10 | R. Católica, Managua: 1200-0400 |
| 9) | A750 | °750 | 50 | R. Sandino, Managua: 24h |
| 10) | G810 | 810 | 2 | R. Frente Sur, Rivas: 1000-0130 |
| 11) | A820 | 820 | 10 | R. Ondas de Luz, Managua: 1200-0600 |
| 12) | A840 | 840 | 1.6 | R. Notícias, Managua: 1130-0300 |
| 13) | A860 | 860 | 5 | R. Continental, Managua (r850) |
| 15) | A900 | 900 | 5 | R. Tiempo, Managua |
| 16) | A920 | v920 | 10 | R. Mundial, Managua: 1000-0300 |
| 17) | 0960 | 960 | 5 | R. 13 de Octubre, San Carlos: 1000-0400 |
| 18) | A211 | 1000 | 10 | R. Mil, Managua |
| 19) | 0301 | 1030 | 25 | R. Occidental, Chinandega |
| 20) | D305 | r1030 | 2 | R. Masaya, Masaya (n1035) |
| 21) | H401 | 1040 | 2 | R. Pancasán, Jinotega: 1100-0400 |
| 22) | A601 | 1060 | 1 | R. Futura, Managua: 1000-0400 |
| 23) | J801 | 1080 | 5.5 | R. Segovia, Ocotal: 1000-0500 |
| 24) | A311 | 1130 | 1 | R. Reloj, Managua: 1130-0030 |
| 25) | B711 | 1170 | 1.5 | R. Darío, León (r1160) |
| 26) | N210 | 1210 | 1 | R. Revolución, Juigalpa: 1000-0300 |
| 27) | A230 | 1230 | 1 | R. Central, Chinandega: 1100-0300 |
| 28) | P240 | 1240 | 2 | R. Tasba Pri, Zelaya Norte: 1130-0400 |
| 29) | A260 | 1260 | 2 | R. Guaguense, Managua: 1100-0500 |
| 30) | B270 | 1270 | 3 | R. Atenas, León |
| 31) | A300 | 1300 | 2 | Canal 130 AM, Managua: 1100-0200 |
| 32) | C310 | 1310 | 2 | R. San Cristóbal, Chinandega: 1100-0400 |
| 33) | I350 | 1350 | 1 | R. Satélite, Estelí |
| 34) | F360 | 1360 | 1 | R. Libertad, Jinotega |
| ) | — | 1360 | 1 | Ondas del Sur, Carazo |
| 35) | M370 | 1370 | 1 | R. Patria, Boaco |
| 36) | K370 | 1370 | 1 | R. Triunfo, Madriz |
| 37) | B410 | 1410 | 3 | R. Venceremos, León: 1000-0600 |
| 38) | I430 | 1430 | 1 | R. Liberación, Estelí: 1100-0400 |
| 39) | A500 | 1500 | 5 | R. Minuto, Managua: 1100-0400 |
| ) | — | 1540 | 1 | La Voz del Poder Popular, Pto. Cabezas |

**Shortwaves:**

| | | kHz | kW | Name, location and h. of tr. |
|---|---|---|---|---|
| 4) | — | r6018v | 50 | La Voz de Nicaragua, Managua: |
| 4) | — | r6100v | 50 | La Voz de Nicaragua, Managua: |
| 40) | — | v6120 | 2 | R. Zinica, Bluefields: 1100-0600 |
| 9) | — | 6200 | 1 | R. Sandino, Managua |

**Addresses and other information:**

1) Ciudad Jardin, Q-20, Managua.
2) Ap. 12, Chinandega.
3) Matagalpa.
4) Contiguo a Telcor, Villa Panamá, Managua — Dir: Eustasio Sanchez — **Ext. Sce: English** r. 0400 on 6100kHz (Dir: Int. SW. Dept: Rodolfo García Guttierez). **V.** by QSL-card.
5) Ap. 46, Granada.
6) Casa Ricardo Morales Avilez 1½ cuadras al Sur, Managua.
7) Reparto Héroes del Bocay, contiguo al Hospital Berta Calderon, Managua.
8) Altamira d'Este, 3era etapa, Casa No. 621, Managua.
9) Paseo Tiscapa, contiguo al Restaurante "El Mirador", Managua. **V.** by QSL-card.
11) Costado Sur, Hospital Bautista, Managua. — DG: Eduardo Gutierrez N.
12) Reparto Pancasan, 4ta. etapa No. 92, Managua.
13) Altamira d'este, de distribuidora Vicky, 4 cuadras al Lago, Managua.
15) Reparto Pancasan, Casa No. 217, Managua.
16) Reparto Loma Verde, Managua.
17) San Carlos, Río San Juan.
18) Ciudad Jardín, Q-31, Managua.
19) Ap. 12, Chinandega.
20) Calle Direga, Masaya.
22) Bosques de Altamira, del Cine Altamira, 5 cuadras al Lago, Managua.
24) Ciudad Jardín, I-1, contiguo a Iglesia Católica, Managua.
29) Ciudad Jardín, N-23, Managua.
30) Ap. 51, León.
31) Carretera a Masaya, Km 12¾, 450 mts. al Este, Managua.
39) Ciudad Jardín, Q-20, Managua.
40) Bluefields — Dir: Arturo J. Valdez R. **V.** by QSL-card.

## PANAMA

**L.T:** UTC-5h — **Pr.L:** Spanish — **E.C:** a/c 60, 110/115/120/126V (yes).

### DIRECCION TECNICA DE TELECOMUNICACIONES

**ADDR:** Ap. 1628, Panamá 1. **Cable:** Dirgentel.

### ASOCIACION PANAMENA DE RADIODIFUSIÓN

**ADDR:** Ap. 7387, Panamá.
**STATIONS:** C=Circuito.
**Mediumwaves:** Call: HO—.

| | Call | kHz | kW | Name and h. of tr. |
|---|---|---|---|---|
| 1) | — | 550 | 10 | R. Dimensión 55, Las Tablas: 1000-0400 |
| 2) | H2 | 560 | 1 | Circuito RPC, Colón: 1000-0500 |
| 3) | — | 570 | 1 | R. Uno, Soberana, Panamá: 1000-0400 |
| 2) | H4 | 570 | 10 | Circuito RPC, David: 1000-0500 |
| 2) | H3 | 590 | 10 | Circuito RPC, Chitré: 1000-0500 |
| 2) | HM | 610 | 10 | Circuito RPC, Panamá: 1000-0500 |
| 4) | — | 630 | 10 | R. Provincias, Chitré: 1100-0400 |
| 5) | — | 640 | 0.25 | Cadena Panamena de Radiodif, Colón |
| 6) | S22 | 650 | 10 | R. Mia, Panamá: 24h |
| 2) | F33 | 660 | 1 | Circuito RPC, Bocas del Toro |
| 7) | LY | 670 | 1 | R. Hogar, Panamá: 1050-0400 |
| 8) | F32 | 680 | 1 | R. Rumbos, David |
| 9) | — | 680 | 1 | R. Cristóbal Colón, Colón |
| 10) | M83 | 690 | 5 | R. Veraguas, Santiago: 1100-0550 |
| 6) | — | 700 | 1 | R. Continente, Panamá: 24h |
| 11) | B52 | 710 | 1 | Ondas del Caribe, Bocas del Toro: 1000-0500 |
| 12) | B50 | 720 | 10 | R. República, Chitré: 0900-0500 |
| 13) | N26 | 740 | 10 | R. Cristal, David: 1100-0500 |
| 14) | — | 740 | 5 | R. La Existosa, Panamá: 24h |
| 15) | XO | 760 | 5 | La Voz del Istmo, Panamá: 1030-0315 |
| 16) | L47 | 770 | 10 | R. Nal. de Panamá, Chitré: 24h |
| 17) | B55 | 780 | 10 | R. Chiriqui, David: 1100-0300 |
| 16) | — | r790 | 1 | R. Nal. de Panamá, Prov. Herrera |
| 18) | ACA20 | 790 | 10 | Southern Command Netw. Ft. Clayton, Canal Zone: 24h |
| 19) | R44 | 800 | 10 | La Existosa, Chitré: 24h |
| 20) | G | 810 | 2 | R. Mundial, Panamá: 1045-0500 |
| 21) | — | 820 | 1 | R. Ritmo, David |
| 22) | R56 | v825 | 1 | R. Peninsula, Macaracas (n. 830): 1030-0600 |
| 16) | L80 | 840 | 10 | R. Nal. de Panamá, Panamá: 24h |
| 23) | — | 850 | 10 | La Existosa, David: 24h |
| 24) | L55 | 860 | 10 | R. Reforma, Chitré: 1000-0400 |
| 25) | HO | 870 | 1 | R. Musical, Panamá: 1000-0400 |
| 12) | B51 | 880 | 1 | R. Hit, Colón |
| 16) | L81 | 890 | 10 | R. Nal. de Panamá, David: 24h |
| 26) | HA | 900 | 1 | La Voz del Pueblo, Panamá: 1000-0600 |
| 6) | S56 | 930 | 1 | R. Mía, Los Santos |
| 27) | R43 | 930 | 3 | R. Exito, Las Chorrea: 1100-0400 |
| 28) | X | 940 | 1 | R. TV-2, Panamá: 24h |
| 29) | B33 | 950 | 1 | R. Cultura, Concepción |

| | Call | kHz | kW | Name and h. of tr. |
|---|---|---|---|---|
| 30) | L84 | 950 | 1 | R. Victoriano Lorenzo, Penonome: 24h |
| 6) | S56 | 980 | 1 | R. Mía, David |
| 31) | U44 | 990 | 1 | ABC Radio, Panamá: 1000-0500 |
| 32) | K36 | 1000 | 5 | R. Poderosa, Aguadulce: 1000-0400 |
| 16) | — | 1015 | 5 | La Voz del Teribe, Bocas del Toro: 24h |
| 33) | — | 1020 | 5 | R. Ritmo, Panamá: 1000-0400 |
| 34) | U | v1025 | 5 | La Voz del Baru, David: 1100-0300 |
| 27) | J2 | v1045 | 1 | Ondas del Canajagua, Las Tablas: 24h |
| 35) | J60 | 1060 | 3 | La Voz de Panamá, Panamá: 1100-0300 |
| 36) | — | 1070 | 10 | R. Ritmo, Chitré: 1000-0400 |
| 37) | J23 | 1080 | 1 | Radio Tic Tac, Panamá: 1100-0530 |
| 16) | L82 | 1090 | 10 | R. Nal. de Panamá, Colón: 24h |
| 38) | — | 1120 | 5 | R. Sonora, Panamá |
| 6) | M21 | 1120 | 1 | R. Continente, Panamá: 1030-0500 |
| 2) | F47 | 1125 | 1 | Circuito RPC, Patino Darien |
| 39) | B49 | 1140 | 1 | R. Juvenil, Panamá: 24h |
| 6) | — | 1150 | 1 | R. Mía, Colón: 1000-0400 |
| 40) | C20 | 1160 | 10 | Ondas Chiricanas, David: 0955-0300 |
| 41) | — | 1180 | 1 | R. Belén, Los Remedios de Veraguas |
| 42) | OT69 | r1190 | 5 | Onda Tropical, Chitré: 24h (n. 1200) |
| 16) | — | r1200 | 1 | R. Nal. de Panamá, David |
| 43) | E91 | 1210 | 4 | R. Diez, Panamá: 1100-0600 |
| 44) | M56 | 1240 | 1 | R. Boquete, Boquete: 1000-0500 |
| 45) | — | 1250 | 5 | R. B.B, Panamá: 24h |
| 46) | L60 | 1260 | 1 | R. Exito, Santiago |
| 47) | J22 | 1270 | 0.5 | R. Femenina, Panamá: 1100-0500 |
| 48) | U80 | 1280 | 1 | R. Sensación, Aguadulce |
| 6) | S23 | 1290 | 1 | R. Guadalupe, "La Pantera", Panamá: 1100-0400 |
| 49) | — | 1350 | 1 | R. Cadena Millinaria, Panamá: 24h |
| 50) | — | 1360 | 1 | R. Universal, Panamá |
| 51) | O38 | 1370 | 1 | R. Colosal, David: 1100-0500 |
| 52) | — | 1380 | 10 | R. Titania, Panamá: 1000-0400 |
| 53) | L | 1390 | 1 | R. Super Sol, Colón |
| 54) | — | 1400 | 1 | La Voz de Tonosi, Tonosi |
| 18) | SCN | 1420 | 1 | Southern Command Net, Ft. Davis: 24h |
| 55) | — | 1420 | 1 | R. Mi Preferida, Puerto Armuelles |
| 56) | D42 | 1460 | 0.25 | La Voz de Almirante: 1300-0400 |
| 57) | A95 | 1510 | 5 | R. Equis, Panamá: 1000-0600 |
| 58) | R20 | 1520 | 1 | R. Cocle, Penonome |
| 59) | — | 1530 | 1 | La Voz del Atlántico, Cocle |
| 60) | E35 | 1570 | 0.25 | R. Once, Colón: 1200-0330 |

**Addresses and other information:**

1) Ap. 28, Las Tablas — DG: Emilio B. Espino.
2) Ap. 1795, Panamá — Mgr: Jaime de la Guardia.
5) Ap. 33, Colón.
6) Ap. 5117, Panamá 5 — DG: Ramón Pereira.
7) Ap. 102, Panamá, 9A — Dir: Rosendo A. Torres S.J.
10) Ap. 48, Santiago (Veraguas) — Mgr: M.G. Jimenez S.
11) Finca 13, Enpalme, Bocas del Toro — Dir: M.A. Mejía.
12) Ap. 191, Chitré — Gte: Elias S. Solis C.
13) Ap. 540, David, Chiriqui — Pres: Daniel Morhaim R.
14) Panamá — Dir: Aris De Icaza.
15) Ap. 301, Balboa, Panamá 3 — Dir: Alcibiades López Cortes.
16) Ap. 4950, Panamá 5 — Dir: Danilo Caballero.
17) Ap. 43, David — Dir: M. Ramón Guerra.
18) (AFRTS) Drawer 919, Bldg. 209, Ft. Clayton, Canal Zone (or PSC, Box 349, APO Miami 34004, USA) — Mgr: Andreas I. Friedrich. **V.** by letter.
19) Ap. 38, Chitré — Dir: Julio A. Sucre G.
20) Ap. 1121, Panamá
21) David — Own: Sion Cohen.
22) Ap. 826, Panamá 1 — Mgr: R. Correa.
23) David — Own: Aris de Icaza.
24) Ap. 194, Chitré — Mgr: Pedro Solis V.
25) Ap. 10577, Panamá 4.
26) Ap. 6-3045, Panamá — DG: Aquiles Lombardo.
27) Ap. 10, Las Tablas.
28) Ap. 8371, Panamá 7.
29) Ap. 248, Concepción.
30) Via Panamericana, Penonomé — DG: Prof. Dario Fernández Jaén.
31) Ap. 1373, Panamá 1 — Dir. Gen: A. Quiros G.
32) Entrega Central, Aguadulce, Choclé — DG: Italo E. Rojas.
34) Ap. 17, David — Mgr: Olmedo Morales M.
35) Ap. 8175, Panamá 7.
36) Chitré — Own: Sion Cohen.
37) Ap. 1819, Panamá 1.
38) Ap. 1100, Panamá 1.
39) Panamá — Dir: Roosevelt de Ycasa A.
40) Ap. 172, David — Dir. Gen: E. Calvo.
42) Ap. 69, Chitré.
43) Ap. 7410, Panamá 5.
44) Ap. 328, David — Dir. Gen: F. Moncada I.
45) Ap. 64797, Panamá 5 — Dir: A. de Icaza.
51) Ap. 360, David — Dir. Gen: A.D. Abadia.
52) Panamá — DG: Sion Cohen.
53) Ap. 44, Colón.
56) Calle 6a y Av. N. Almirante, Bocas del Toro — Dirs: N.O. Dosman, A. Bodkin.
57) Ap. 7671, Panamá 9 — Dir: C.E. Garcia M.
58) Ap. 81, Penonomé.
60) Ap. 506, Colón — Gte: Luis Martínez.

## PUERTO RICO

**L.T:** UTC-4h — **Pr.L:** Spanish, English — **EC:** a/c 60, 120V.

### BROADCASTERS ASSOCIATION OF PUERTO RICO

**ADDR:** Box Q, Hato Rey.
**Stations:** All st's comm. exc. 17). Most st's broadcast in Spanish only.
**Locations:** Hato Rey and Santurce are districts in San Juan.

| | Call | kHz | kW | Name, location and h. of tr. |
|---|---|---|---|---|
| 1) | WPAB | 550 | 5/1 | R. 550, Ponce: W 0900-0400 Sun 1100-0300 |
| 2) | WKAQ | 580 | 5 | R. Reloj, San Juan: 24h |
| 3) | WAEL | 600 | 1d | R. WAEL, Mayagüez: 0900-0300 |
| 4) | WQBS | 630 | 5d | Salsa 63, San Juan: 24h |
| 5) | WAPA | 680 | 10 | La Voz del Caribe, San Juan: 24h |
| 6) | WKJB | 710 | 10/0.5 | WKJB, Mayagüez: 0915-0400 |
| 7) | WIAC | 740 | 10d | R. Internacional, San Juan: 0859-0400(Fri, Sat 0600) |
| 8) | WORA | 760 | 5d | La Gran Cadena, Mayagüez: 0845-0430 |
| 9) | WKVM | 810 | 25d | San Juan |
| 10) | WXEW | 840 | 5/1d | R. Victoria, Yabucoa: 0900-0200 |
| 11) | WABA | 850 | 5d | R. Waba, Aguadilla: 24h |
| 12) | WVOZ | 870 | 5d | San Juan |
| 13) | WPRX | 880 | 1 | Sabana Grande |
| 14) | W... | 890 | 1 | Humacao |
| 15) | WPRP | 910 | 5/0.5 | La Gran Cadena, Ponce: 0845-0400 |
| 16) | WEKO | 930 | 2.5d | R. Eco, Cabo Rojo: 20h |
| 17) | WIPR | 940 | 10d | La Emisora del Pueblo, San Juan: W 0930-0230, Sun 1130-0400 |
| 18) | WJYT | 960 | 1 | Quebradillas |
| 19) | WPRA | 990 | 1 | R. Alegría, Mayagüez: 0900-0400 |
| 20) | WOSO | 1030 | 10d | WOSO, San Juan: 24h |
| 21) | WCXQ | 1040 | 0.25 | Moca: Daytime |
| 22) | WCGB | 1060 | 5/0.5 | R. Iniciativa, Juana Díaz: 0915-0200 |
| 23) | WMIA | 1070 | 0.5 | R. Arecibo: 0900-0400 |
| 24) | WLEY | 1080 | 0.25 | R. Ley, "R. Uno", Cayey: 24h |
| 25) | WBOZ | 1090 | 0.25 | R. San Germán, San Germán: 0930(Sun 1000)-0400 |
| 26) | WVJP | 1110 | 2.5/0.5 | R. Caguas, Caguas: 0930-0300 |
| 27) | WMSW | 1120 | 1 | Hatillo |
| 28) | WQII | 1140 | 10d | Once Q, San Juan: 24h |
| 29) | WBQN | 1160 | 1d | R. Borinquén, Barceloneta: 0930(Sun 1100)-0300 |
| 30) | WLEO | 1170 | 0.25 | R. Leo, Ponce: 24h |
| 31) | WXTO | 1190 | 5/10d | R. Rock, San Juan: 24h |
| 32) | WHOY | 1210 | 5/1d | R. Hoy, Salinas: 0930-0200 |
| 33) | WNIK | 1230 | 1/0.25 | R. Unica, Arecibo: 24h |
| 34) | WALO | 1240 | 1/0.25 | R. Oriental, Humacao: 0900-0400 |
| 35) | WISO | 1260 | 1 | R. WISO, Ponce: 1000-0300 |
| 36) | WCMN | 1280 | 5/1 | R. Centro, Arecibo: 0900-0400 |
| 37) | WTIL | 1300 | 1 | R. WTIL, Mayagüez: 1000-0200 |
| 38) | WUNO | 1320 | 5/1 | Noti-Uno, San Juan: 24h |

| | Call | kHz | kW | Name, location and h. of tr. |
|---|---|---|---|---|
| 39) | WENA | 1330 | 1 | Penüelas: Daytime |
| 40) | WUNA | 1340 | 1/0.25 | R. Una, Aguadilla: 24h |
| 41) | WEGA | 1350 | 2.5d | R. Las Vegas, Vega Baja: 0930-0230 |
| 42) | WCHQ | 1360 | 5/1d | R. Camuy, Camuy |
| 43) | WIVV | 1370 | 5/1 | WIVV Missionary R. St., Vieques Isl: 0924-0305 (Sun 0500) |
| 44) | WOLA | 1380 | 0.5d | Barranquitas |
| 45) | WISA | 1390 | 1/0.5 | R. Noroeste, Isabela: 0930-0300 |
| 46) | WIDA | 1400 | 1/0.25 | R. Vida, Carolina: 24h |
| 47) | WRSS | 1410 | 1 | San Sebastián: Daytime |
| 48) | WEUC | 1420 | 1 | R. Univ. Católica, Ponce: 24h |
| 49) | WNEL | 1430 | 5/0.5 | R. Tiempo, Caguas: 24h |
| 50) | WCPR | 1450 | 1/0.25 | R. Coamo, Coamo |
| 51) | WFAB | 1460 | 5d | WFAB(La Fabulosa), Juncos |
| 52) | WLRP | 1460 | 0.5 | R. San Sebastian, San Sebastian: 24h. |
| 53) | WKCK | 1470 | 1d | Orocovís |
| 54) | WMDD | 1480 | 5 | La Voz del Oriente(R. El Conquistador), Fajardo: 1000-0400(Sun 0200) |
| 55) | WZBS | 1490 | 1/0.25 | R. Señorial, Ponce: 24h |
| 56) | WMNT | 1500 | 1/0.25 | R. Aleluya, Manatí: 1000-0200 |
| 57) | WGDL | 1510 | 1 | Lares |
| 58) | WRAI | 1520 | 10d | R. Aeropuerto, San Juan: 24h |
| 59) | WUPR | 1530 | 1/0.25 | R. U-P-R, Utuado: 1000 (Sun 1100)-0230(Sat 0300) |
| 60) | WBJA | 1540 | 1 | R. Musical, Guayama: Daytime |
| 61) | WKFE | 1550 | 0.25 | R. Café, Yauco: 24h |
| 62) | WRSJ | 1560 | 5/0.25 | R. San Juan Apóstol, San Juan: 24h |
| 63) | WPPC | 1570 | 1 | R. Felicidad, Penuelas: Daytime |
| 64) | WGFW | 1580 | 1d | Morovis |
| 65) | WXRF | 1590 | 1 | R. Guayama: 24h |
| 66) | WLUZ | 1600 | 5d | R. Luz, Santurce: 1000-0400 |

| FM | MHz | kW(ERP) | | MHz | kW(ERP) | | MHz | kW(ERP) |
|---|---|---|---|---|---|---|---|---|
| — | 88.1 | 27 | — | 95.7 | 50 | 27) | 101.9 | 14 |
| — | 89.7 | 50 | 3) | 96.1 | 10.5 | 7) | 102.5 | 144 |
| — | 90.3 | 14.5 | 51) | 96.5 | 6.8 | 40) | 102.9 | 50 |
| 15) | 91.3 | 125 | 53) | 96.9 | 18 | 23) | 103.3 | 50 |
| — | 92.1 | 3 | 8) | 97.5 | 25 | 55) | 104.1 | 50 |
| — | 92.1 | 3 | 16) | 98.3 | 3 | 2) | 104.7 | 50 |
| — | 92.5 | 50 | — | 98.5 | 25 | 13) | 105.1 | 9 |
| — | 92.9 | 17.5 | — | 98.9 | 50 | 9) | 105.7 | 50 |
| 1) | 93.3 | 14.5 | 6) | 99.1 | 13.3 | 31) | 106.5 | 19.5 |
| 25) | 93.7 | 50 | 4) | 99.9 | 32 | 61) | 106.9 | 50 |
| — | 94.1 | 25 | 11) | 100.3 | 38 | 34) | 107.3 | 50 |
| 54) | 94.7 | 31 | — | 100.7 | 50 | 12) | 107.7 | 50 |
| 17) | 95.1 | 25 | 43) | 101.5 | 42 | | | |

Stations below 1kW not mentioned.
The FM st. list is preliminary only, and will be supplemented as more information and amendments are received.

**Addresses and other information:**
Abbreviations: See USA comm. st's.
1) Box 7243, Ponce 00731 — G.M: A. Giménez-Porrata. C.E: Wm. Batista — MoR (N. at :15, :45).
2) Box 4668, San Juan 00936 — G.M: H. Biaggi. P.D: M. Medina. C.E: L. Oquendo — News.
3) Box AE, Mayagüez 00708 — Mgr: G.M. Pirallo. C.E: A. Sanchez — MoR.
4) Box 13427, Santurce 00908 — V.P: S. Robiou. P.D: V. Martínez. C.E: G. Bonet — Salsa (Partial simulcast with 8) and 13) "La Gran Cadena").
5) Box 4563, San Juan 00905 — G.M: R. Owen. P.D: F. Aranzamendi Jr. C.E: Q. Blanco P — Cont (N-2).
6) Box 1293, Mayagüez 00708 — G.M: J.A. Bechara Jr. P.D: I. López. C.E: G. Bonet — Top 40.
7) Box 4504, San Juan 00905 — G.M: L.A. Mejía. C.E: A. Carrión.
8) Box 43, Mayagüez 00708 — G.M: G. Bonet. C.E: N. Nin — Salsa.
9) Box 4189, San Juan 00907 — Rlg.
10) Box 42, Yabucoa 00767 — G.M: V. Vargas. C.E: V. Calderon.
11) Box 188, Aguadilla 00603 — G.M: P.E. Hernández. P.D: L. Rosario. C.E: J. Hernández — Cont.
12) Box V, Hato Rey 00919.
15) Box 430, Ponce 00731 — S.M: M.A. Borrero. P.D: A. Figueroa. C.E: A. Santos — Salsa.
16) Box 681, Cabo Rojo 00623 — G.M: D. Ortiz. P.D: Miss Maria I. Ortiz. C.E: P.V. Ortiz — Top 40.
17) Dept. of Education of P.R., Box 909, Hato Rey 00919 — G.M: J.M. García. P.D: F. Rodríguez Baez. C.E: M. Collazo.
18) Box W, Quebradillas 00742 — G.M: J.J. Arzuaga.
19) Box 1869, Mayagüez 00708 — G.M: E.C. de Tamayo. P.D: C.A.R. Camara. C.E: S. Pérez Jr — Top 40.
20) Box 4349, San Juan 00905. English, easy listening.
22) Box 248, Juana Díaz 00665 — G.M: A Hernández. C.E: J.A. Rodríguez — MoR, Rlg.
23) Box 1055, Arecibo 00612 — G.M. & C.E: E. Rodríguez-Vélez. P.D: E. Gómez.
24) Box 1186, Cayey 00633 — G.M: J.H. Conesa, Jr. P.D: M. Colón. C.E: C. Arroyo — Cont.
25) Box 154, San Germán 00753 — Mgr: J.M. Miranda. S.M: Ada Acosta. C.E: S. Pérez.
26) Box 207, Caguas 00625 — G.M: H. Pereira. P.D: M. Rivera Ortiz. C.E: J.R. Gómez.
27) Hatillo 00659.
28) CPO Box 71398, San Juan 00936 — G.M: G.A. Tryon. P.D: R. Moreira. C.E: A.A. Silver — Adult cont.
29) Box 11395, Barceloneta 00617 — Pres: A.R. Rivera. G.M. & C.E: L.R. Rivera. P.D: E. Rodríguez — Top 40.
30) Box 7213, Ponce 00731 — G.M: J.H. Conesa Jr. P.D: W. Marrero. C.E: C. Arroyo — Cont (N-1).
31) Penthouse 1, Hotel Gran Bahía, San Juan 00907 — G.M: S. M. Iglesias.
32) Box H, Salinas 00751 — Pres. & C.E: J. Ortiz — MoR.
33) Box 908, Arecibo 00613 — G.M: F. Velázquez. P.D: A.M. Natal. C.E: R.T. Cushing.
34) Box C, Humacao 00661 — G.M: E. Archilla-Roig. S.M. & C.E: E. Archilla D. P.D: L.A. Gandara.
35) Box 7251, Ponce 00732 — G.M: Mrs. N.P. Freyre. C.E: C. Arroyo.
36) Box 436, Arecibo 00613 — G.M: B. Mitchell. C.E: R. González — MoR.
37) Box 1360, Mayagüez 00709 — Pres. & G.M: G. Mamery. P.D: A. Basora S. C.E: G. Bonet.
38) Box Q, Hato Rey 00919 — G.M: R. Royo Jr. C.E: T. Gómez. All news.
39) Penuelas 00724 — G.M: N. Rodríguez. P.D: F. Rodríguez. C.E: G. Arroyo.
40) Box 809, Aguadilla 00603 — G.M: F. Arredondo. P.D: O.V. Tirado. C.E: R.T. Cushing.
41) Box 1488, Vega Baja 00763 — Mgr: A. M. Ciordia Jr. C.E: J.A. Landrau.
42) Box 458, Camuy 00627 — Pres: Dr. J. Rodríguez García. C.E: E. Rodríguez — Cont.
43) Box A, San Juan 00936 (Studios: Box 338, Vieques Isl. 00765) — Op's Mgr: J. Hill. P.D: Miss J. Luttrell. C.E: J. Hill & J. Escobar. **Spanish** W 0100 (Sat 0130-0300) otherwise **English.** All rlg.
44) Barranquitas 00618.
45) Box W, Isabela 00662 — Pres: L.A. Mejía. C.E: R.T. Cushing.
46) Villa Fontana Park, Carolina 00630 — Rlg.
48) Sta. 6, Catholic Univ. of Puerto Rico, Ponce 00731 — G.M: E. Rosado. P.D: J.L. Ricart. C.E: C. Arroyo.
49) Box 487, Caguas 00626 — Pres: J.M. Soto. G.M: Carmen Pagán — Top 40.
50) Box 316, Coamo 00640 — G.M. & C.E: J.D. Soler — Top 40.
51) Box WW, Juncos 00666 — Mgr: W. Baéz. C.E: A. Flores.
52) Box CC, San Sebastian 00755 — G.M: F. Bonnett Veléz (N-2).
53) Calle Pedro Arroyo 10, Orocovis 00720.
54) Box 948, Fajardo 00648 — G.M: R.J. Friedman. P.D: A.L. Vásquez. C.E: C. Soto P.
55) Box 7612, Ponce 00731 — G.M: Dr. H. Zayas Ch. P.D: J.M. Rodríguez. C.E: J.L. Torres — Cont (N. at :20, :50).
56) Box 201, Manatí 00701 — Pres: J.R. Menéndez. V.P: F. Padilla — MoR.
57) 338 Bo. Buenos Aires, Lares 00669.
58) 74 Mayagüez Str, San Juan 00917 — G.M: C.M. Pirallo. C.E: R. Rivas — Rlg.
59) Box 868, Utuado 00761 — G.M: B. Martínez G. P.D: M.E. Andújar. C.E: C. Arroyo — Top 40 (N. at :30, :55).
60) Box 1540, Guauama 00655 — Owner: G.M. Arroyo. G.M: J.M. Cruz. C.E: J. Rojas.
61) Box 324, Yauco 00768 — Pres. & C.E: J.H. Conesa. G.M: J.H. Conesa, Jr. P.D: M. Vásquez V.
62) Box 1560, Bayamón 00619 — V.P: Isabel Mejías.
63) Box 350, Ponce 00731 — G.M. & P.D: J. Padilla. C.E: T. Pérez — MoR.
64) Morovis 00717.
65) G.M: F. León. P.D: E.J. Ortiz. C.E: A. Pereira — Popular.

66) Box 9394, Santurce 00908 — G.M: Julia Acosta. C.E: R. Rivas — MoR.

**AFRTS (US Air Force)**
**STATIONS:** 1) AHD 780kHz 0.05kW (Ramey Air Force Base, Aguadilla) — 2) ACE 1040kHz 0.05kW (Buchanan, San Juan) — 3) AFCN 1200kHz 0.05kW (Roosevelt Roads) — 4) AFCN 1460kHz.
**ADDR:** 1), 2) Box 43, APO New York 09503; 3) FPO New York 09503.

## ST. KITTS - NEVIS

**L.T:** UTC – 4h — **Pr.L:** English — **E.C:** a/c 60, 220V.

### RADIO ZIZ (Gov, Comm.)

**ADDR:** P.O. Box 555, Springfield, Basseterre, St. Kitts. **Te:** 2555.
**Cable:** ZIZ St. Kitts. **Telex:** 6820 EXTNL-SKB-BC.
**L.P:** Gen. Mgr: G.O. Caines. Chief Eng: Z. Joseph. Prgr. Dir: K. Fleming.
**STATION:** ZIZ 555kHz 20kW.
**D.PRGR. in English:** 1000-0300. **N:** 1100*, 1115 (local), 1300*, 1615, 1755, 1855, 1955, 2055, 2155, 2300*, 2315, 0015*, 0200—*) BBC.
**ANN:** "This is the Voice of the Federation of St. Kitts and Nevis, Radio ZIZ" — **V.** by letter.

### RADIO PARADISE (Rlg.)

**ADDR:** P.O. Box 423, Basseterre, St. Kitts. **Te:** (809) 465-3321. (Addr. in USA: P.O. Box 908, Hixon, TN 37343).
**L.P:** Dir: R. A. Mayer. St. Mgr: C. Hazel. Asst. Mgr. & Chief Eng: I. Hamilton.
**STATION:** 825kHz 50kW.
**D.PRGRS. in English:** 0900-0430.
**ANN:** on the h: "This is R. Paradise, 825 on your AM dial, broadcasting from St. Kitts" — **V.** by QSL-card (B).

## ST. LUCIA

**L.T:** UTC – 4h — **Pr.L:** English — **E.C:** a/c, 50, 440V.

### ST. LUCIA BROADCASTING CORPORATION (Gov, Comm.)

**ADDR:** P.O. Box 660, Castries, St. Lucia. **Te:** (809) 45 22337.
**Cable:** Sunradio.
**L.P:** Man. Dir. & Prgr. Dir: W. Springer. Technician: L. Fevrier.
**STATION:** Babonneau 660kHz 10kW. **Relay st:** 625kHz 1kW.
**D.PRGRS. in English:** 0930-0300. **N.** 1030, 1100*, 1200, 1300 (CBC), 1600*, 1630, 1700, 1800*, 2000*, 2100, 2200, 2300*, 2345, 0200* — Also prgrs in French and Creole.
*) World N. relayed from BBC.
**ANN:** "You are listening to R. St. Lucia, broadcasting on 660 MW".
**F.PL:** 10kW on 625kHz. — **V.** by QSL-card.

### RADIO CARIBBEAN (Comm.)

**ADDR:** P.O. Box 121, Castries, St. Lucia. WI. **Te:** 2637.
**Cable:** Caradio.
**L.P:** St. Mgr: D. V. G. Gardner. St. Eng: Winston Foster.
**STATION:** 840kHz 10kW. **Relay st:** Dominica 1210kHz 10kW
**D.PRGRS. in English/French:** 0915-0300. **N.** 1100*, 1120 (local), 1200, 1300*, 1400, 1500, 1600, 1700 (local), 1800, 1900, 2000*, 2100, 2200 (local), 2300*, 0000, 0200* — *) BBC.
**ANN:** E: "This is R. Caribbean, St. Lucia" — **V.** by letter. Rp.

## ST. VINCENT

**L.T:** UTC – 4h — **Pr.L:** English — **E.C:** a/c 50, 230V.

### RADIO ST. VINCENT (Gov, Comm.)

**ADDR:** P.O. Box 705, Kingstown, St. Vincent. **Te:** 61516.
**Cable:** Broadcast St. Vincent. **Telex:** RSVG.
**L.P:** Ag. Mgr. & Prgr. Dir: Miss Jeanette Duncan. Tech. Officer: L. McKie.
**STATION:** Kingstown 705kHz 10kW.
**HOME SCE. in English:** 1000-0300.
**N.** 1145, 1600, 1640, 1800, 2230, 2345 — **V.** by letter. Rec. acc.
**ANN:** "705-Radio for total music satisfaction".

### RADIO ANTILLES (Comm.)

**STATION:** 1450kHz 10kW.
**D.PRGR. in French:** W 1000-1030, 1400-1900 & 2230-2330 (rel. from Montserrat).
Full details under "Montserrat".

## TRINIDAD & TOBAGO

**L.T:** UTC – 4h — **Pr.L:** English — **E.C:** a/c 60, 115/230V (yes).

### NATIONAL BROADCASTING SCE (Gov.)

**ADDR:** P.O. Box 610, Port of Spain. **Te:** 62-32618. **Cable:** Voice Trinidad. **Telex:** WG 22222.
**L.P:** Gen. Mgr: F. P. Thompson. Prgr. Dir: H. Clement. Chief Eng: M. S. Dass. Sales Mgr: Mrs. M. Borde.
**STATION:** 610kHz 50kW — **FM:** 100MHz 20kW (stereo).
**D.PRGR. in English:** 0900-0400. **N.** On the h (BBC 1200, 1800) — **Wrp:** On the half h. **On FM:** Separate prgrs. are broadcast for a total of 77 hours per week. Regional prgrs for San Fernando & Tobago 30 mins daily.
**ANN:** "NBS Radio 610, The Voice of the Republic of Trinidad and Tobago" or "610 Radio" — **INT-SIG:** At sign-on: The tune "Yellow Bird, Choucoun Destiny" played on Guitar and Xylophone.
**V.** by letter. Rp.

### TRINIDAD BROADCASTING CO. (Comm.)

**ADDR:** P.O. Box 716, Port of Spain. **Te:** (062) 21151.
**Cable:** Broadcast. **Telex:** 239 BROCA WG.
**L.P:** Gen. Mgr: E.R. McDowell. Dir. Tec: S. Dhani. Dir. of Prgrs: G. Francis.
**MEDIUMWAVE:** 730kHz 20kW.
**FM:** 95.1MHz 20kW, 105MHz 1kW.
**D.PRGR. in English:** 0900-0400 on MW + 105MHz.
**N:** 1000, 1030*, 1100, 1200*, 1300, 1400, 1505*, 1600, 1630*, 1700, 1800, 1900, 2000*, 2100, 2200, 2345*, 0115, 0145*, 0300 — *) incl. Wrp.
**RADIO NINE/FIVE (FM-stereo):** 1000-0400 on 95.1MHz.
**ANN:** "This is R. Trinidad, first with the news".
**V.** by QSL-card. Rec. acc.

## DEADLINES

**The standard deadlines for WRTH Newsletters are:**
**May issue: April 15th**
**September issue: August 15th**
**November issue: October 15th**
**The deadline for WRTH86 is October 15th 1985.**

**NB: These are final deadlines. We would appreciate your information as early as possible to make our job easier.**

# ELECTRONIC TUBES

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## TURKS & CAICOS ISLANDS (British)

**L.T:** UTC − 5h (Su: UTC − 4h) — **Pr.L:** English — **EC:** a/c 60, 110/220/440V.

### RADIO TURKS AND CAICOS (Gov/Comm)

**ADDR:** P.O. Box 69, Grand Turk. **Te:** 2500/1. **Telex:** 8212 GOVTCI TQ.
**L.P:** Mgr: Richard Williams.
**STATION:** Governor's Beach 1460kHz 2.5kW.
**D.PRGRS:** Mon-Fri 1100-1430, 1655-0400; Sat 1100-0400; Sun 1100-0315.
**ANN:** "This is R. Turks and Caicos on Grand Turk, Turks and Caicos Islands" — **V.** by letter (B).

## VIRGIN ISLANDS (American)

**L.T:** UTC−4h — **Pr.L:** English — **E.C:** a/c 60, 110V

**MEDIUMWAVES**

| | Call | kHz | kW | | Call | kHz | kW |
|---|---|---|---|---|---|---|---|
| 1) | WSTX | 970 | 5/1 | 3) | WRRA | 1290 | 0.5 |
| 2) | WVWI | 1000 | 5/1 | 4) | WSTA | 1340 | 0.25 |

| | FM | MHz | kW | | FM | MHz | kW |
|---|---|---|---|---|---|---|---|
| 5) | WIUJ | 88.9 | 0.15 | 7) | WIVI | 99.5 | 10.5 |
| 6) | WIBS | 97.9 | 50 | 8) | WVIS | 106.1 | 9.5 |

**Addresses and other information:**

1) Virgin Islands Broadc. Corp, Box 428, Christiansted, St. Croix 00820 — Gen. Mgr: R.E. Miller. Vice-Pres. (Op's): J. Hann. Music Dir: A. Woods. Chief Eng: R. Higdon — **D.Prgr:** 0930-0600.

2) Box 5170, Charlotte Amalie, St. Thomas 00801 — Pres. & Gen. Mgr: R. Noble. Vice Pres. & St. Mgr: R. Ricardo. Chief Eng: H. Schoenbohm — **D.Prgr:** Mon-Fri 24h, Sat/Sun 1000-0400. **N:** on the h — **Ann:** "Radio 1".

3) 72 Queen Str, Frederiksted, St. Croix 00840 (Daytime only).

4) Box 489, Charlotte Amalie, St. Thomas 00801 — Gen. Mgr: B. Saul. Prgr. Dir: I. Brown. Chief Eng: K. Niel — **D.Prgr:** 24h.

5) Box 7175, St. Thomas 00801 — Gen. Mgr: L. Moran. Prgr. Dir: F. Otley. Chief Eng: G. Neathery. (non-comm.).

6) Box 9217, St. Thomas 00801 — Exec. Vice-Pres: R. Figueroa. St. Mgr: Nancy Sinclair. Chief Eng: G. Arroyo.

7) Box 310, Christiansted, St. Croix 00820 — Ag. Gen. Mgr: A. Land. Op's Mgr: C. Edge.

8) Box 487, Frederiksted, St. Croix 00840 — Gen. Mgr: G. Ortiz. Prgr. Dir. & Chief Eng: J. Bahr.

## VIRGIN ISLANDS (British)

**L.T:** UTC-4h — **Pr.L:** English.

### VIRGIN ISLANDS BROADC. Ltd. (Comm.)

**ADDR:** Box 78, Roadtown, Tortola. **Te:** 42430.
**L.P:** Gen. Mgr: E. Walwyn Brewley.

**STATION:** ZBVI 780kHz 10kW.
**D.PRGR. in English:** 1000-0200 (Sun 0100).
**N:** W on the h. (exc. 1000, 1700, 1900, 0100). Sun 1600, 2000.
**Local N:** 1110, 2230.

**ANN:** "780 Universal Radio" or "780 World Radio".
**V.** by letter".

# SOUTH AMERICA

## ARGENTINA

**L.T:** UTC-3h — **Pr.L:** Spanish — **E.C:** a/c 50, 220V (yes).

### MINISTERIO DE OBRAS Y SERVICIOS PUBLICOS SECRETARIA DE COMUNICACIONES

**Dirección Nacional de Telecomunicaciones**
**Departamento de Operaciones**
**ADDR:** Secretaría de Comunicaciones, Sarmiento 151, 1000 Buenos Aires. **Te:** Sector Radiodifusión: (01) 30-5031.
**L.P:** General de Brigada (RE): Angel A. Barbieri.
Departamento de Operaciones: Ayacucho 1556, 1112 Buenos Aires. **Te:** 84-0504.
Dirección Nal. de Telecomunicaciones:
**L.P:** Dir: Hector Carlos Pendola.

### COMITE FEDERAL DE RADIODIFUSION (COMFER)

**ADDR:** Suipacha 765, 1008 Buenos Aires.
**L.P:** Pres: General de Brigada (RE) Roberto Emilio Feroglio. Dir. Programación y Desarollo: Teniente Cnel. Norberto Sonetti.
COMFER controls certain technical aspects of broadcasting along with Secretaria de Comunicaciones, and also controls the prgrs. transmitted over all kinds of broadcasting stations.
**STATIONS:** All privately owned commercial st's exc. a) National State owned non-comm. st's (exc. st. 10 which is comm) — b) National State owned comm st's — c) Provincial and Municipal owned non-comm st's.
**NB:** Days of the week refer to local time.

**Mediumwaves**

| | Call | | kHz | kW | Name, location and h. of tr. |
|---|---|---|---|---|---|
| 1) | LRA14 | a | 540 | 25/5 | R. Nac. Sante Fé: 0900-0400 |
| 2) | LRA25 | a | 540 | 5 | R. Nac. Tartagal: 1000-0400 |
| 3) | LU17 | | 540 | 25 | R. Golfo Nuevo, Pto. Madryn: 1000-0300 |
| 4) | LRA9 | a | 560 | 25/5 | R. Nac. Esquel: 1000-0400 |
| 5) | LRA13 | a | 560 | 25 | R. Nac. Bahia Blanca: 1000-0500 |
| 6) | LT15 | | 560 | 10/3 | R. del Litoral, Concordia: 0800-0400 |
| 7) | LV1 | | 560 | 25/3 | R. Colón, San Juan: 0900-0500 |
| 8) | LRA16 | a | 580 | 25/5 | R. Nac. La Quiaca: 1000-0400 |
| 9) | LU20 | | 580 | 15 | R. Chubut, Trelew: 0930-0330 |
| 10) | LW1 | a | 580 | 25/5 | R. Universidad Nacional de Córdoba, Córdoba: 0900-0500 |
| 11) | LS4 | | 590 | 25/5 | R. Continental, Buenos Aires: 24h |
| 12) | LRA30 | a | 590 | 25/5 | R. Nac. San Carlos de Bariloche: 1000-0400 |
| 13) | LV12 | b | 590 | 25/5 | R. Independencia, San Miguel de Tucumán: 0900-0400 |
| 14) | LRA18 | a | 620 | 25/5 | R. Nac. Río Turbio: 1000-0500 |
| 15) | LT17 | c | 620 | 25/5 | R. Provincia de Misiones, Posadas: 24h (r1150) |
| 16) | LRA28 | a | 620 | 5/1.5 | R. Nac. la Rioja: 0900-0400 |
| 17) | LS5 | | 630 | 20/5 | R. Rivadavia, Buenos Aires: 24h |
| 18) | LU4 | b | 630 | 25/5 | R. Dif. Patagonia Argentina, Comodoro Rivadavia: 0900-0500 (r.950) |
| 19) | LRA24 | b | 640 | 25/5 | R. Nac. Río Grande: 24h |
| 20) | LU18 | | 640 | 10/1 | R. El Valle, General Roca: 0930-0400 |
| 21) | LV15 | b | 640 | 10/2.5 | R. Villa Mercedes: 0900-0300 (r580) |
| 22) | LRA11 | a | 670 | 25/5 | R. Nac. Comodoro Rivadavia: 24h |
| 23) | LRA52 | a | 670 | 1 | R. Nac. Chos Malal: 1100-1800, 1900-0200 |
| 24) | LT4 | | 670 | 25/5 | R. Dif. Misiones, Posadas: 0800-0300 |
| 25) | LRI209 | | 670 | 20/5 | R. Mar del Plata, Mar del Plata: 24h |
| 26) | LU12 | | 680 | 25/5 | R. Río Gallegos: 1100-0500 |
| 27) | LV6 | | 680 | 25/5 | R. Nihuil, Mendoza: 0900-0700 |
| 28) | LRA4 | a | 690 | 25/5 | R. Nac. Salta: 24h |
| 29) | LRA17 | a | 710 | 25/5 | R. Nac. Zapala: 0900-0500 |
| 30) | LRA19 | a | 710 | 25/3 | R. Nac. Pto. Iguazú: 0900-0400 |
| 31) | LS1 | c | 710 | 25/5 | R. Municipal de la Ciudad de Buenos Aires: 0900-0430 |
| 32) | LRA59 | a | 720 | 1 | R. Nac. Governador Gregores: 1100-2300 |
| 33) | LV10 | | 720 | 25/5 | R. de Cuyo, Mendoza: 0900-0400 |
| 34) | LRA3 | a | 730 | 20/3 | R. Nac. Santa Rosa: 0930-0330 |
| 35) | LU23 | b | 730 | 10/1 | R. Lago Argentino, El Calafate: 0900-0400 |
| 36) | LRA27 | a | 730 | 25 | R. Nac. Catamarca: 0900-0400 |
| 37) | LRA55 | a | 740 | 1 | R. Nac. Alto Río Senguerr: 1100-1700, 2000-0200 |
| 38) | LRA7 | a | 750 | 100 | R. Nac. Córdoba: 1000-0400 |
| 39) | LRA10 | a | 780 | 5 | R. Nac. Ushuaia e Islas Malvinas, Ushuaia: 24h |
| 40) | LRA12 | a | 780 | 5 | R. Nac. Santo Tomé: 0900-0300 |
| 41) | LU14 | c | 780 | 5 | R. Provincia de Santa Cruz, Rio Gallegos: 24h |
| 42) | LV8 | b | 780 | 25/5 | R. Libertador, Mendoza: 0900-0400 (r960) |
| 43) | LR6 | b | 790 | 25 | R. Mitre, Buenos Aires: 24h |
| 44) | LRA22 | a | 790 | 25/5 | R. Nac. San Salvador de Jujuy: 1000-0400 |
| 45) | LRA53 | a | 800 | 1 | R. Nac. San Martín de los Andes: 1000-0400 |
| 46) | LU15 | | 800 | 25/2 | R. Viedma: 1000-0300 |
| 47) | LV23 | | 800 | 5/1 | R. Rio Atuel, General Alvear: 1000-0400 |
| 48) | LRA8 | a | 820 | 25/3 | R. Nac. Formosa: 0900-0300 |
| 49) | LU21 | | 820 | 25/5 | R. Golfo San Jorge, Calete Olivia: 1000-0300 |
| 50) | LU24 | | 820 | 5/2.5 | R. Tres Arroyos: 0900-0400 |
| 51) | LT8 | b | 830 | 10/5 | R. Rosario: 24h |
| 52) | LT21 | c | 830 | 1 | R. Municipal de Alvear: 1200-2400 |
| 53) | LT43 | | 830 | 1 | R. Mocovi, Charata: 0900-0300 |
| 54) | LV18 | c | 830 | 5/1 | R. Municipal San Rafael: 0900-0430 |
| 55) | LW8 | | 830 | 25/1 | R. San Salvador de Jujuy: 0900-0300 |
| 56) | LT12 | b | 840 | 10/5 | R. General Madariaga, Paso de los Libres: 0900-0400 |
| 57) | LT13 | | 840 | 5 | R. Oberá: 0900-0300 |
| 58) | LU2 | | 840 | 25/5 | R. Bahía Blanca: 24h |
| 59) | LRA56 | a | 860 | 1 | R. Nac. Perito Moreno: 1100-1700, 2000-0200 |
| 60) | LRA1 | a | 870 | 100 | R. Nac. Buenos Aires: 24h |
| 61) | LRA53 | a | 880 | 1 | R. Nac. San Martín de los Andes: 24h(n.800) |
| 41) | LU14 | c | 880 | 5 | R. Provincia de Santa Cruz, Las Heras |
| 61) | LU33 | b | 890 | 20/1 | Em. Pampeaba, Santa Rosa: 0930-0330 |
| 62) | LV11 | | 890 | 25/2.5 | Em. Santiago del Estero: 0900-0400 |
| 63) | LT7 | | 900 | 25/5 | R. Provincia de Corrientes: 0900-0300 |
| 64) | LRA23 | a | 910 | 50/5 | R. Nac. San Juan: 24h |
| 65) | LR5 | b | 910 | 25/5 | R. Excelsior, Buenos Aires: 24h |
| 66) | LU19 | | 940 | 25/5 | La Voz del Comahue, Cipoletti: 24h |
| 67) | LR3 | b | 950 | 100 | R. Belgrano, Buenos Aires: 24h |
| 68) | LRA6 | a | 960 | 25 | R. Nac. Mendoza: 24h |
| 69) | LT16 | b | 960 | 20/3 | R. Presidencia Roque Sáenz Peña: 0900-0400 |
| 70) | LT44 | | 960 | 25/5 | R. Fortín Yunka, Formosa: 0900-0400 |
| 71) | LU13 | | 960 | 10/5 | R. Necochea: 0900-0500 |
| 72) | LT25 | | 970 | 5/1 | R. Guaraní, Curuzú Cuatía: 0900-0300 |
| 73) | LV2 | b | 970 | 25/5 | R. General Paz, Córdoba: 24h |
| 65) | LR4 | b | 990 | 50 | R. Splendid, Buenos Aires: 24h |
| 74) | LU16 | | 1000 | 25/1 | R. Rio Negra, Villa Regina: 0930-0330 |
| 75) | LV16 | | 1010 | 20/5 | R. Río Cuarto: 0900-0500 |
| 76) | LW2 | | 1010 | 25/5 | R. Emis. Tartagal: 1000-0300 |
| 77) | LT10 | a | 1020 | 5 | R. Universidad Nacional del Litoral, Santa Fé: 0800-0500 |
| 78) | LRA58 | a | 1020 | 1 | R. Nac. Rio Mayo: 1100-2300 |
| 79) | LS10 | | 1030 | 25/5 | R. del Plata, Buenos Aires: 24h |
| 80) | LU3 | | 1080 | 25/5 | R. del Sur, Bahía Blanca |
| 81) | LW4 | | 1080 | 25/5 | R. Orán, Orán: 1100-0300 |

CARIBBEAN SEA
NORTH ATLANTIC OCEAN
NETHERLANDS ANTILLES
TRINIDAD & TOBAGO
MACHIQUES
CARACAS
CUMANA
BARRANQUILLA
CARTAGENA
MARACAIBO
BARQUISIMETO
MATURIN
TURBO
TOVAR
MERIDA
CIUDAD BOLIVAR
PANAMA
CUCUTA
SAN CRISTOBAL
TARIBA
GEORGETOWN
MEDELLIN
BUCARAMANGA
PARAMARIBO
TUNJA
GUYANA
MANIZALES
VENEZUELA
MONTSINERY
PEREIRA
BOGOTA
CAYENNE
SURINAM
IBAGUE
VILLAVICENCIO
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TUMACO
CALI
COLOMBIA
NEIVA
MACAPA
ESMERALDAS
IBARRA
FLORENCIA
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PIFO
QUITO
LATACUNGA
MANTA
AMBATO
ECUADOR
RIOBAMBA
BELEM
MANAUS
GUAYAQUIL
IQUITOS
CUENCA
SAO LUIZ
PARNAIBA
TUMBES
LOJA
FORTALEZA
TALARA
PIURA
TERESINA
CHACHAPOYAS
TARAPOTO
NATAL
CHICLAYO
PORTO VELHO
BRAZIL
TRUJILLO
PUCALLPA
HUARAS
RIO BRANCO
RECIFE
CERRO DE PASCO
MACEIO
PERU
LA OROYA
ARACAJU
MALDONADO
CALLAO
HUANCAYO
LIMA
SALVADOR
BAHIA
CUZCO
SICUANI
BOLIVIA
ICA
CUIABA
BRASILIA
PUNO
LA PAZ
COCHABAMBA
15°
GOIANIA
AREQUIPA
ORURO
SANTA CRUZ
TACNA
LLALLAGUA
UBERLANDIA
ARICA
SUCRE
UBERABA
BELO HORIZONTE
POTOSI
CHUQUICAMATA
TARIJA
PARAGUAY
RIBEIRAO PRETO
POCOS CALDAS
CALAMA
CAMPINAS
S. JOSE CAMPOS
LA QUIACA
APARECIDA
SAO PAULO
RIO DE JANEIRO
TROPIC OF CAPRICORN
ANTOFAGASTA
S. VICENTE
SALTA
ASUNCION
VILLARRICA
FOZ DO IGUACU
SANTOS
CHILE
TUCUMAN
FORMOSA
CURITIBA
ENCARNACION
RESISTENCIA
SANTIAGO DEL ESTERO
POSADAS
FLORIANOPOLIS
CORIENTES
CATAMARCA
SANTO TOME
SANTA MARIA
ARGENTINA
PORTO ALEGRE
S. JUAN
CONCORDIA
SALTO
TACUAREMBO
30°
CORDOBA
VALPARAISO
MENDOZA
URUGUAY
PELOTAS
SAN LUIS
SANTA FE
MELO
ROSARIO
GRAL. PACHECO
SANTIAGO
BUENOS AIRES
MONTEVIDEO
SAN RAFAEL
TALCA
MERCEDES
LA PLATA
MALARGUE
AZUL
CONCEPCION
SANTA ROSA
LOS ANGELES
MAR DEL PLATA
BAHIA BLANCA
TEMUCO
NECOCHEA
NEUQUEN
VALDIVIA
SAN CARLOS DE BARILOCHE
SOUTH
PUERTO MONTT
ATLANTIC
ESQUEL
OCEAN
SOUTH
C. RIVADAVIA
PACIFIC
45°
OCEAN
FALKLAND
RIO GALLEGOS
STANLEY
ISLANDS
UTC −3
PUNTA ARENAS
USHUAIA
SOUTH AMERICA
1:40 MILL.
0
500
1000
1500 KM
90°
75°
UTC −5
UTC −4

| | Call | | kHz | kW | Name, location and h. of tr. |
|---|---|---|---|---|---|
| 82) | — | | r1080 | 0.25 | R. Departamento Minas, Andacollo |
| 43) | LR1 | b | 1070 | 25 | R. El Mundo, Buenos Aires: 24h |
| 83) | LV5 | b | 1090 | 25/5 | R. Sarmiento, San Juan: 0900-0500 |
| 67) | LR2 | b | 1110 | 25/5 | R. Argentina, Buenos Aires: 0800-0600 |
| 84) | LV7 | b | 1110 | 10/5 | R. Tucumán, San Miguel de Tucumán: 24h(r710) |
| 85) | LU61 | b | 1120 | 25/5 | Em. Atlántica, Mar del Plata: 24h |
| 86) | LV19 | b | 1120 | 5 | R. Malargüe: 1000-0400 |
| 87) | LRA21 | a | 1130 | 25/5 | R. Nac. Santiago del Estero: 1000-0400 |
| 88) | LU5 | b | 1130 | 20/5 | R. Neuquén: 0900-0500 (r970) |
| 89) | LRA26 | a | 1150 | 25/5 | R. Nac. Resistencia: 0900-0400 |
| 90) | LRA51 | a | 1150 | 1 | R. Nac. Jáchal: 1030-1630, 2000-0400 |
| 91) | LT9 | | 1150 | 10 | R. Brigadier Gral. Estanislao López, Santa Fé: 0700-0400 |
| 92) | LRA57 | a | 1160 | 1 | R. Nac. El Bolsón: 1100-1700, 2000-0200 |
| 93) | LRH253 | | 1160 | 5/0.5 | Puerto Iguazú |
| 94) | LU32 | b | 1160 | 5/2.5 | R. Coronel Olavarría, Olavarría: 0900-0400 |
| 95) | LV9 | | 1160 | 25/5 | R. Salta: 0900-0500 |
| 96) | LRA29 | a | 1170 | 5 | R. Nac. San Luis: 0900-0400 |
| 97) | LV4 | b | 1170 | 25/5 | R. San Rafael: 1000-0400 (r620) |
| 98) | LRA15 | a | 1190 | 50 | R. Nac. San Miguel de Tucumán: 0900-0300 |
| 99) | LR9 | b | 1190 | 25/5 | R. América, Buenos Aires: 0830-0430 |
| 100) | LT6 | b | 1200 | 5/3 | R. Sargento Cabral, Goya: 0900-0400 |
| 101) | LT18 | | 1210 | 10/5 | R. Eldorado: 0900-0100 |
| 102) | LV3 | b | 1210 | 25/5 | R. Córdoba: 0900-0400 |
| 103) | LT2 | b | 1230 | 5 | R. General San Martín, Rosario: 0900-0400 |
| 104) | LW5 | | 1230 | 25/5 | R. Libertador, General San Martín Ledesma: 0900-0400 |
| 105) | LRA20a | | 1270 | 5 | R. Nac. Las Lomitas: 0900-0300 |
| 106) | LS11 | c | 1270 | 50/10 | R. Provincia de Buenos Aires, La Plata: 24h |
| 107) | LU22 | | 1300 | 5/1.5 | R. Tandil: 0900-0400 |
| 108) | LRA5 | a | 1310 | 5 | R. Nac. Rosario: 1000-0300 |
| 109) | LU10 | | 1320 | 5/25 | R. Azul: 0900-0300 |
| 110) | LV24 | | 1320 | 5/1 | R. Manantiales, Tunuyán: 0900-0500 |
| 111) | LT14 | b | 1320 | 10/2.5 | R. General Urquiza, Paraná: 0800-0500 (r1260) |
| 112) | LU37 | | 1330 | 10/1.5 | R. General Pico: 1000-0300 |
| 113) | LT3 | b | 1340 | 10/5 | R. Cerealista, Rosario: 0900-0400 |
| 113X) | LS6 | b | 1350 | 25/5 | R. Buenos Aires, Buenos Aires: 0800-0400 |
| 114) | LT46 | c | 1360 | 1/0.25 | R. Provincia de Misiones, Bernardo de Irigoyen: 1000-1700, 1900-0300 |
| 115) | LRA54 | a | 1370 | 1 | R. Nac. Ingeniero Jacobacci: 1100-0200 |
| 116) | LR11 | a | 1390 | 25/5 | R. Universidad de la Plata: 1000-0300 |
| 117) | LU11 | | 1400 | 10/2.5 | R. Em. del Oeste, Trenque Lauquen |
| 118) | LT24 | | 1430 | 1/0.25 | R. San Nicolás: 0900-0400 |
| 119) | LV26 | | 1430 | 1/0.25 | R. Río Tercero: 0900-0300 |
| 120) | LRI235 | c | 1430 | 0.25 | R. Balcarce, Balcarce: 0900-0300 |
| 121) | LT41 | | 1440 | 1 | R. La Voz del Sur Entrerriano, Guaelguaychú: 0900-0300 |
| 122) | LU36 | | 1440 | 0.25 | R. Coronel Suárez: 1000-0400 |
| 123) | LV20 | | 1440 | 1/0.25 | R. Laboulaye: 1000-0400 |
| 124) | LV27 | | 1440 | 1/0.25 | R. San Francisco: 0900-0300 |
| 125) | LV28 | | 1450 | 1/0.25 | R. Villa María: 0900-0400 |
| 126) | LT29 | | 1460 | 1/0.25 | R. Venado Tuerto: 1000-0400 |
| 127) | LU30 | | 1460 | 0.25 | R. Maipú: 0900-0300 |
| 128) | LU34 | | 1460 | 0.25 | R. Pigüe: 1000-0300 |
| 129) | LT20 | | 1470 | 1/0.5 | R. Junín: 1000-0400 |
| 130) | LT26 | | 1470 | 1/0.5 | R. Nuevo Mundo, Colón: 0900-0500 |
| 131) | LT28 | | 1470 | 1/0.5 | R. Rafaela: 0900-0300 |
| 132) | LU26 | | 1470 | 1/0.5 | R. Coronel Dorrego: 1000-0300 |
| 133) | LT39 | | 1480 | 0.25 | Em. Victoria: 0900-0300 |
| 134) | LU27 | | 1480 | 0.25 | R. Dolores: 1000-0300 |
| 135) | LU35 | | 1480 | 0.25 | R. Balcarce: 0900-0300 |
| 136) | LT42 | | 1490 | 1 | R. del Iberá, Mercedes: 0900-2300 |
| 137) | LU25 | | 1490 | 0.1 | R. Carhué: 1000-0300 |
| 138) | LV22 | | 1490 | 1/0.25 | R. Huinca Renancó: 1000-0300 |
| 139) | LT22 | | 1500 | 0.25 | R. Nueva Era, Pehuajó: 1100-0300 |
| 140) | LT34 | | 1500 | 0.25 | R. Nuclear, Zárate |
| 141) | LT45 | | 1500 | 1/0.5 | R. San Javier: 1000-0100 |
| 142) | LV25 | | 1500 | 1/0.25 | R. Unión, Bell Ville: 0900-0400 |
| 143) | LV21 | | 1510 | 1/0.25 | R. Champaquí, Villa Dolores: 1000-0100 |
| 144) | LRH200 | | 1510 | 0.25 | R. Chajarí, Chajarí |
| 145) | LT37 | | 1520 | 1 | Em. Rufino: 1000-0400 |
| 146) | LT38 | | 1520 | 0.25 | R. Gualeguay: 0900-0300 |
| 147) | LRJ200 | | 1530 | 0.25 | R. Centro de Morteros, Morteros |
| 148) | LT35 | | 1540 | 0.25 | R. Mon. Pergamino: 1000-0300 |
| 149) | LU28 | | 1540 | 0.25 | R. Tuyú, General Madariaga: 1000-0300 |
| 150) | LT23 | | 1550 | 0.25 | R. San Jenaro Norte: 1000-0300 |
| 151) | LT32 | | 1550 | 0.25 | R. Chivilcoy: 1000-0400 |
| 152) | LT40 | | 1550 | 0.25 | R. La Voz de la Paz, La Paz: 1000-0300 |
| 153) | LT11 | b | 1560 | 3/1.5 | R. Gral. Francisco Ramírez, Concepción del Uruguay |
| 154) | LT33 | | 1560 | 0.25 | R. 9 de Julio: 1000-0430 |
| 155) | LU29 | | 1570 | 1/0.5 | R. Emis. Condor, Las Flores: 1000-0200 |
| 156) | LT27 | | 1580 | 0.25 | R. La Voz del Montiel, Villaguay: 1000-0400 |
| 157) | LT36 | | 1580 | 0.25 | R. Chacabuco: 1000-0300 |

**Shortwaves**

| | Call | | kHz | kW | Name, h. of tr |
|---|---|---|---|---|---|
| 60) | LRA31 | a | 6060 | 50 | R. Nac. Buenos Aires: 2300-1230 |
| 41) | LU14 | c | 6080 | — | R. Província de Santa Cruz: irr. |
| 67) | LRY1 | b | 6090 | 40 | R. Belgrano: 2200-0200. |
| 60) | LRX1 | a | 6120 | | R. Nac. Buenos Aires: 2300-1230 |
| 86) | LV19 | b | 6160 | 0.5 | R. Malargüe: 1000-2200 |
| 15) | LT17 | c | 6160 | 1 | R. Provincia de Misiones |
| 68) | LRA34 | a | 6180v | 1 | R. Nac. Mendoza: 24h |
| 60) | LRA31 | a | 9690 | 50 | R. Nac. Buenos Aires: 1600-2200, 0500-1230 |
| 60) | LRX2 | a | 9710 | 0.5 | R. Nac. Buenos Aires: 1300-1700, 0500-0900 |
| 60) | LRA35 | a | 11710 | 100 | R. Nac. Buenos Aires: 1330-1700 |
| 60) | LRX | a | 11755 | | R. Nac. Buenos Aires: 1700-2400 |
| 67) | LRY2 | b | 11780 | 8 | R. Belgrano: 1600-2000 |
| 60) | LRU | b | 15290 | | R. Nac. Buenos Aires: 1330-0500, 1030-1230 |
| 60) | LRA31 | a | 15345 | 100 | R. Nacional, Buenos Aires: 1700-1900 |

## ASOCIACION DE RADIODIFUSORAS PRIVADAS ARGENTINA (ARPA)

**ADDR:** Cangallo 1561, 1037 Buenos Aires. **Te:** (01) 35-4412.
**L.P:** Pres: Evaristo R.E. Alonso.
ARPA is an association of all privately owned commercial st's exc. 6), 63), 132).

## SERVICIO OFICIAL DE RADIODIFUSION (SOR)

SOR is operated by Dirección Nacional de Radiodifusión which is responsible to the Subsecretaria de Comunicaciones.
**ADDR:** Sarmiento 151, 1041 Buenos Aires. **Te:** (01) 30-2121.
**L.P:** Dir. Nac: Coronel (RE) Ricardo Manuel Subiela.
All LRA st's belong to SOR (also includes st. LRA36 in Antarctica). Common prgrs. (originated from LRA1).

## SECRETARIA DE INFORMACIÓN PUBLICA SUBSECRETARIA OPERATIVA

Controls all national state owned commercial st's.

**STATE ABBREVIATIONS** (Provincias): BA = Provincia de Buenos Aires; C = Catamarca; Ca = Córdoba; Cs = Corrientes; Ch = Chaco; Ct = Chubut; ER = Entre Rios; F = Formosa; J = Jujuy; LP = La Pampa; LR = La Rioja; Ms = Misiones; Ma = Mendoza; N = Neuquén; RN = Rio Negro; S = Salta; SC = Santa Cruz; SE = Santiago del Estero; SF = Sante Fé; SJ = San Juan; SL = San Luis; T = Tucumán (Territorio): TFAIA = Territorio Nacional de la Tierra del Fuego, Antártida e Islas del Atlántico Sur.
**NB:** These abbreviations should not be used for postal purposes; instead use full name.

**Addresses and other information:**
1) Mendoza y 27 de Febrero, 3000 Santa Fé, SF.
2) Parcela 34, Villa Saavedra, Ruta Nac. 34,km. 1737, 4560 Tartagal, S — Dir: Jorge A. Brown.
3) Bartolomé Mitre y Estivariz, 9120 Pto. Madryn, Ct.
4) Av. Alvear 1180, 9200 Esquel, Ct.
5) Moreno 30, 8000 Bahia Blanca, BA — Dir: Juan J. Calloni.
6) Cas. 21, 3200 Concordia, ER — Dir: Hugo H. Soria.
7) Mendoza 169 Sur, 5400 San Juan, SJ — Dir: Jorge R. Barassi F.
8) Av. España Sud, a 1½ km. de la Estación del Ferrocarrel, 4650 La Quiaca, J.
9) Cas. 177, 9100 Trelew, Ct. — Dir: Tomislao Boric.
10) Rivera Indarte 170, 5000 Córdoba, Ca — Dir: Francisco Junyent Velez.
11) Rivadavia 827, 1002 Buenos Aires — Dir: Elizabeth V. de Udaquiola.
12) Av. 12 de Octubre 2421, 8400 San Carlos de Bariloche, RN.
13) Rivadavia 118-120, 4000 San Miguel de Tucumán, T — Intr: Pedro D. Cagna.
14) Juan Gregorio Las Heras s/n, Casa 16, Barrio Las Lengas, 9407 Rio Turbio, SC.
15) Bolivar 2182, 3300 Posadas, Ms — Dir: Alberto Emilio Luciani.
16) Bartolomé Mitre 743, 5300 La Rioja, LR.
17) Arenales 2467, 1124 Buenos Aires — Dir: Jorge Raúl Talamoni.
18) Cas. 299, 9000 Comodoro Rivadavia, Ct. — Intr: Pedro L. Doria.
19) Monseñor Fagnano y Leonardo Rosales, 9420 Río Grande, TFAIA.
20) Cas. 77, 8332 General Roca, RN — Dir: Sra. Hebel X. de Cozzi.
21) Balcarce 470, 5730 Villa Mercedes, SL — Intr: Eleazar Bahamondes.
22) Hotel de Turismo, 9000 Comodoro Rivadavia, Ct.
23) Av. Don Bosco, Ruta Nac. 140, 8353 Chos Malal, N — Dir: Mateo D. Luici.
24) Cas. 200, 3300 Posadas, Ms — Pte: Pedro Warenycia.
25) Rioja 2371, 7600 Mar del Plata, BA.
26) Zapiola 35, 9400 Río Gallegos, SC — Dir: Alberto R. Segovia.
27) Echeverria 144, 5500 Mendoza, Ma — Dir: Guillermo Sánchez Cores.
28) Mitre 294, 4400 Salta, S.
29) San Martín y Caneton, 8340 Zapala, N.
30) Av. Victoria Aguirre s/n, Loteb, Chacra 19, 3370 Puerto Iguazú, Ms.
31) Sarmiento 1551, 1042 Buenos Aires — Dir: Carlos J. Lopez Castro.
32) Av. San Martín 114, 9311 Governador Gregores, SC.
33) Av. San Martín y General Paz, 5500 Mendoza, Ma — Pres: Leopoldo Suarez.
34) Rivadavia 200, Esq. Lagos, 6300 Santa Rosa, LP
35) 9405 El Calafate, SC — Intr: Juan Carlos Morgan.
36) Chacabuco 762, 4700 San Fernando del Valle de Catamarco, C.
37) Av. Comandante Fontana y Dr. Mariano Moreno, 9033 Alto Rio Senguerr, Ct — Dir: Edgardo R. Galuche.
38) Santa Rosa 241, 5000 Córdoba, Ca.
39) Av. San Martín 351, 9410 Ushuaia, TFAIA — Dir: Edgardo J. Mayor.
40) Chaca 46, La Tablada, 3340 Santo Tomé, Cs.
41) Av. Roca 823, Lp, 9400 Río Gallegos, SC — Dir: Luis A. Benito Zamora. NB: LU14 Las Heras relays LU14 prgrs from Rio Gallegos. Both st's relay SOR news.
42) Rioja 1484, 5500 Mendoza, Ma — Intr: Pascual R. Cuffaro.
43) Maipú 555, 1006 Buenos Aires — Intr: Felipe Jorge Scardilli.
44) Olavarría y Rio Bermejo, 4600 San Salvador de Jujuy, J — Dir: José Ramón Casa.
45) Cas. 62, 8370 San Martín de los Andes, N — Dir: Roberto Aldo Azcaqui.
46) Cas. 39, 8500 Viedma, RN — Dir: Jorge H. Romero.
47) Patricias Mendocines 72-78, 5620 General Alvear, Ma — Dir: Adolfo Sánchez Pesce.
48) Junín 655, 3600 Formosa, F.
49) Cas. 10, 9011 Caleta Olivia, SC — Dir: Héctor M. Ferro.
50) Belgrano 457, 7500 Tres Arroyos, BA — Dir: Evaristo R.E. Alonso.
51) Cas. 470, 2000 Rosario, SF — Intr: Eduardo E. Gurovici.
52) Calle Centenario 561, 3344 Alvear, Cs
53) Cas. 83, 3730 Charata, Ch — Dir: Adolfo Zinser.
54) Belgrano y Comandante Salas, 5600 San Rafael, Ma — Dir: Hugo A. García.
55) 19 de Abril 749, 4600 San Salvador de Jujuy, J — Dir: Fernando Pérez Paz.
56) Juan Sitja Nin 941, 3230 Paso de los Libres, Ce — Intr: Roberto Garrido.
57) Larrera 886, 3360 Oberá, Ms — Dir: Hugo W.R. Amable.
58) Sarmiento 54, 8000 Bahía Blanca, BA — Dir: Sra. Diana Julio de Massot.
59) 9040 Perito Moreno, SC.
60) Ayacucho 1556, 1112 Buenos Aires — Dir: Manuel Enrique Fentanes. **International Sce:** see end of section.
61) Av. San Martín 227, 6300 Santa Rosa, LP — Intr: Miguel A. Bernatené.
62) 9 de Julio 390, 4200 Santiago del Estero, SE — Dir: Eduardo J. Maidana.
63) Rioja 743, 3400 Corrientes, Cs — Dir: Jorge Félix Gómez.
64) J. Ignacio de la Roza (Este) 223, 2p, 5400 San Juan, SJ.
65) Arenales 1925, 1124 Buenos Aires — Intr: Jorge Segundo Pedrerol.
66) Cas. 14, 8324 Cipoletti, RN — Dir: Mauricio P. Nuin.
67) Uruguay 1237, 1026 Buenos Aires — Intr: Daniel Divinsky.
68) Emilio Civit 460, 5500 Mendoza, Ma — Dir: Carlos O. Pignolu.
69) Justo José de Urquiza 585, 3700 Presidencia Roque Sáenz Peña, Ch — Intr: Esteban N. Busqued.
70) España 376, 3600 Formosa, F — Dir: Mariano Fernández Bedoya.
71) Gran Galeria Central, 7630 Necochea, BA — Dir: Hector N. Fulton.
72) Cas. 17, 3460 Curuzú Cuatía, Cs — Dir: Claudio E. Saloj.
73) Maipú 166, 5000 Córdoba, Ca — Intr: Francisco H. Mosquera.
74) Reconquista 135, 8336 Villa Regina, RN — Dir: Rolando A. Musso.
75) Constitución 399, 5800 Río Cuarto, Ca — Dir: Julio C. Castellina.
76) Gorriti 524, 4560 Tartagal, S.
77) 9 de Julio 3560, 3000 Santa Fé, SF — Dir: Luis H. Bonaparte.
78) Barrio Gendarmeria, 9030 Rio Mayo, Ch.
79) Av. Santa Fé, 2043, 1123 Buenos Aires — Dir: Guillermo L. Perrone.
80) Cas. 67, 8000 Bahía Blanca, BA — Dir: Pablo B. Serrat.
81) Cas. 77, 4530 Ramón de la Nueva Orán, S — Dir: Germán Bernard.
82) 8353 Andacollo, N.
83) Mendoza 452 Sur, 5400 San Juan, SJ — Intr: Carlos Lambrechts.
84) Mendoza 273, 4000 San Miguel de Tucumán, T — Intr: Osvaldo E. Martínez.
85) Córdoba 1865, 7600 Mar del Plata, BA — José A. Fernande.
86) Esquivel Aldao 350, 5613 Malargüe, Ma — Intr: Héctor F. Lucero.
87) Urquiza 332, 4200 Santiago del Estero, SE.
88) Juán B. Albderdi 189 y Confluencia, 8300 Neuquen, N — Intr: Nicolás Parodi.
89) Av. 6 de Julio 1855, 3500 Resistencia, Ch — Intr: Roberto Falcon.
90) Ruta Nal. 150, Km. 3,5460 San José del Valle de Jacal, SJ — Dir: Alonzo E. Vedia.
91) 4 de Enero 2153, 3000 Santa Fé, SF — DG: Néstor Vittori.
92) Intersección de la Av. San Martín y Salta, 8430 El Bolsón, RN.
93) Puerto Iguazú Ms.
94) San Martín 2961, 7400 Olavarria, BA — Intr: José Avalos.
95) Cas. 113, 4400 Salta, S — Dir: Juan A.P. Urrestarasu.
96) Rivadavia 563, 5700 San Luis, SL.
97) Hipólito Yrigoyen y Godoy Cruz, 5600 San Rafael, Ma — Intr: Elías Grinsburg.
98) Cas. 136, 4000 San Miguel de Tucumán, T — Dir: Carlos H. Bandano.

99) Juncal 989, 1062 Buenos Aires, BA.
100) Dr. Mariano L. Lloza 231, 3450 Goya, Cs — Intr: Pedro F. Fornies.
101) Cas. 218, 3380 Eldorado, Ms — Dir: Srta. Iris de Basualdo.
102) Cas. 450, 5000 Córdoba, Cá — Intr: Jorge Bazan.
103) Dorrego 1042, 2000 Rosario, SF — Intr: Rodolfo E. Pérez.
104) Victoria 450, 4512 Ledesma, J — Dir: Héctor Anauti.
105) Intersección Rutas Nacional 81 y Provincial 32, 3620 Las Lomitas, F.
106) Calle 11 y Av. 53 No. 810, 1900 La Plata, BA — Dir: Horacio F. Vidal.
107) Cas. 231, 7000 Tandil, BA — Dir: Juan C. Derosa.
108) Cordoba 1331, 2000 Rosario, SF.
109) Av. Bartolomé Mitre 819, 7300 Azul, BA — Dir: José S. Borrero.
110) Alem y Juan B. Justo, 5560 Tunuyán, Ma — Dir: Enrique J. Destefanis.
111) Rivadavia 126, 3100 Paraná, ER — Intr: Juan B. Scartascini.
112) Calle 29 y 40, 6360 General Pico, LP — Dir: Daniel P. Baruta.
113) Balcarce 840, 2000 Rosario, SF — Int: José. A. Candel.
113X) Av. Belgrano 270, 1092 Buenos Aires, BA.
114) Av. Independencia s/n, 3366 Bernardo de Irigoyen, Ms.
115) 8418 Ingeniero Jacobacci, RN — Dir: Ramón E. Adaime.
116) Plaza Dardo Rocha 133, 1900 La Plata, BA — Dir: Aldo O. Benaghi.
117) Cas. 36, 6400 Trenque Lauquen, BA — Dir: Emilio Rutemberg.
118) Av. Moreno 17, 2900 San Nicolás, BA — Dir: Aldo Antonio Ramini.
119) Roque Sáenz Peña 111, 5850 Rio Tercero, Ca — Dir: Alberto C. Piralli.
120) Cas. 77, 7620 Balcarce, BA — DG: Juan C. Orofino.
121) Urquiza y Gualeguay, 2820 Gualeguaychú, ER — Dir: Armando N. Mettler.
122) Avellaneda 1144, 7540 Coronel Suárez, BA — Dir: Eduardo Alvarez.
123) Tucumán 159, 6120 Leboulaye, Ca — Dir: José C. Alisio.
124) Colón 26, Ip, 2400 San Francisco, Ca — Dir: Dionisio Elpido Peretti.
125) Santa Fé 1490, 5900 Villa Maria, Ca — Dir: Roberto Kfuri.
126) Cas. 340, 2600 Venado Tuerto, SF — Dir: Hilmar H. Long.
127) Cas. 60, 7160 Maipú, BA — Dir: Juan Larrarte.
128) Rivadavia y La Valle, 8170 Pigüe, BA — Dir: Isidro A. Bros.
129) Hipólito Yrigoyen 86, 6000 Junín, BA — Dir: Domingo Cancelleri.
130) Av. Rivadavia 117, 3280 Colón, ER — Dir: Edwin Benítez.
131) Av. Lehman 245, 2300 Rafaela, SF — Dir: Arquímedes Robert.
132) San Martín y Uscenguí, 8150 Coronel Dorego, BA — Dir: Enzo Barda.
133) Matanza 18, 3153 Victoria, ER — Dir: Guido A. Anghilante.
134) Rico 424, 7100 Dolores, BA — Dir: Elmer E. Giles.
135) Av. Kelly 817, 7620 Balcarce, BA — Dir: Cristóbal Cortés.
136) Cas 33, 3470 Mercedes, Cs — Dir: Eduardo U. Crudele.
137) Av. Colón y Rivadavia, 6430 Carhué, BA — Dir: Mario V. Fernandez.
138) Santa Fé y La Pampa, 6270 Huinca Renancó, Ca — Dir: Ovidio A. Berlaffa.
139) Perito Moreno 700, 6450 Pehuajó, BA — Dir: Raul N. Negreira.
140) Independencia 501, 2800 Zárate, BA — Intr: Roberto A. Millan.
141) Ordóñez 737, 3357 San Javier, Ms — Dir: Jorge E. Gamas.
142) Rivadavia 92, 2550 Bell Ville, Cs — Dir: Osvaldo Etrat.
143) Belgrano 33, 5870 Villa Dolores, Ca — Dir: Julio Servali.
144) Pablo Stampa 2430, 3228 Chajarí, ER — DG: José Alberto Ponzoni.
145) Chacabuco 128, 6100 Rufino, SF — Dir: Severino T. Valeri.
146) Chacabuco 38, 2840 Gualeguay, ER — Dir: Adán E. Carbone.
147) Blvd. 25 de Mayo 133, Morteros, Ca — Dir: José L. Bronone.
148) Dr. Alem 340, 2700 Pergamino, BA — Dir: Carlos Trincavelli.
149) Moreno 832, 7163 General Madariaga, BA — Dir: Hipólito Maceira.
150) San Martín y Bulevar Inglaterra, 2147 San Genaro Norte, SF — Dir: Rubén J. Cavallera.
151) Cas. 179, 6620 Chivilcoy, BA — Dir: Rafael E. Mónaco.
152) Sáenz Peña 1082, 3190 La Paz, ER — Dir: Carlos A. Malvasio.
153) Onésimo Leguizamón 269, 3260 Concepción del Uruguay, ER — Intr: Celso Villanueva.
154) Continuación Av. Bartolomé Mitre, Sección A, 6500 9 de Julio, BA — Dir: Héctor H. Tinetti.
155) Avellaneda 773, 7200 Las Flores, BA — Dir: César A. Dantes.
156) Cas. 40, 3240 Villaguay, ER — Dir: Padre José Lavini.
157) Almirante Brown 135, 6740 Chacabuco, BA — Dir: Jorge Mercau Saavedra.

### RADIODIFUSION ARGENTINA AL EXTERIOR (RAE)

Operated by Service Oficial de Radiodifusión (SOR).
**ADDR:** Ayacucho 1556, 1112 Buenos Aires (Postal addr: Casilla de Correo 555, 1000 Buenos Aires). **Te:** (01) 84-2021.
**STATION:** (General Pacheco) (G.C: 58.22W/34.36S): 50/100kW.

| kHz | kHz | kHz | kHz | kHz | kHz | kHz |
|---|---|---|---|---|---|---|
| 6060 | 9690 | 9710 | 11710 | 11755 | 15290 | 15345 |
| 6120 | | | | | | |

**Schedule: To the Far East** on 11710kHz: 1030-1130 Japanese, 1130-1230 English.
**To Europe/Africa/Middle East** on 15345kHz: 1700-1800 English, 1800-1900 Arabic, 1900-2000 German, 2000-2100 French, 2100-2200 Italian, 2200-2400 Spanish.
**To the Americas** on 6060/6120/9690/9710/11710/15290kHz: 1230-1330 Spanish.
**To the Americas & Europe** on 11710/11755/15345kHz: 0000-0100 Portuguese, 0100-0200 Spanish, 0200-0300 English, 0300-0500 Spanish.
**INT-SIG:** Gongs — **V.** by QSL-card.

## BOLIVIA

**L.T:** UTC - 4h — **Pr.L:** Spanish, Quechua, Aymara
**E.C:** a/c 50, La Paz 110/220V, Santa Cruz 220/380V.

### DIRECCION GENERAL DE TELECOMUNICACIONES

**ADDR:** Calle Mercado 1115, Edif. Guerrero (Cas. 4475), La Paz.
**Cable:** Gentel. **Te:** 368788. **Telex:** 2595 Gentel BV.
**L.P:** Dir. Gen: Ing. Jorge Estrella Ayala.

### ASOCIACION BOLIVIANA DE RADIODIFUSORAS (ASBORA)

**ADDR:** Calle Potosí 920, Casilla 7958, La Paz. **Te:** 328513.
**L.P:** Pres: Miguel A. Dueri. Vice Pres: Enrique Costas.
**STATIONS: Mediumwaves:** ° = shortwave. *) = inactive.

| | Call | kHz | kW | Name, location and h. of tr. |
|---|---|---|---|---|
| 1) | CP91 | °580 | 10 | R. Panamericana, La Paz: 1100-0500 (Sun 1100-0330) |
| 2) | CP190 | 600 | 10 | R. ACLO, Sucre: 0930 (Sun 1100)-1230, 2030-2330 |
| 3) | CP63 | 610 | 20 | R. San Gabriel, La Paz: 0830-0200 |
| 4) | CP159 | 640 | 1 | R. Huayna Potosi, Milluni: 1000-0400 |
| 5) | CP204 | 640 | 10 | R. Tarija, Tarija: 0930-1330, 2000-0100 |
| 6) | CP34 | *680 | 10 | R. Méndez, La Paz |
| 7) | CP148 | 720 | 1.5 | R. Yungas, Chulumani: 0900-0200 |
| 8) | CP27 | °730 | 10 | La Cruz del Sur, La Paz: 1000-1700, 2000-0200 |
| 9) | CP165 | 730 | 3 | R. Mensaje, Montero: 0930 (Sat 1000, Sun 1130)-1230 (Sun 1430), 2300-0200 |
| 10) | CP116 | 770 | 1 | R. Cosmos, Cochabamba |
| 11) | CP108 | 780 | 0.25 | R. Independencia, Quillacollo: 1000-0100 |
| 12) | CP46 | °790 | 10 | R. Cristal, La Paz: 1100-0500 |
| 13) | CP157 | 800 | 2.5 | R. Santa Clara, Sorata: 0830-0400 |
| 14) | CP188 | 815 | 0.25 | R. Warnes, Warnes: 1000-0400 |
| 15) | CP35 | °820 | 5 | R. Altiplano, La Paz |
| 16) | CP211 | 830 | 0.25 | R. IV Centenario, Quillacollo: 1000-0300 |
| 17) | CP126 | °840 | 10 | R. Juan XXIII, San Ignacio de Velasco: 0930-1400, 1900-0030 |
| 18) | CP160 | °r845 | 1 | R. 21 de Diciembre, Mina Catavi (n. 870) |
| 19) | CP120 | 850 | 1 | R. Maria Auxiliadora, Montero: 1030-0100 |
| 20) | CP8 | °860 | 5 | R. Nueva América, La Paz: 1030-0400 |
| 21) | CP185 | °860 | 5 | R. Paititi, Guayaramerín: 1000-0300 |

| | Call | kHz | kW | Name, location and h. of tr. |
|---|---|---|---|---|
| 22) | CP79 | 900 | 0.25 | Radioemisora La Voz Nacional, Tarija: 1030-0300 |
| 23) | CP20 | 900 | 0.18 | R. El Cóndor, La Paz: 0900-0300 (Sun: 1000-2300) |
| 24) | CP192 | 920 | 5 | R. Esperanza, Cochabamba: 1000-0200 |
| 25) | CP145 | 960 | 5 | R. Metropolitana, La Paz: 0900-0400 |
| 26) | CP93 | 960 | 1 | R. Kollasuyo, Potosí: 1030-0400 (Sun 1000-0300) |
| 27) | CP30 | °970 | 10 | R. Santa Cruz, Santa Cruz: 0900-0200 |
| 28) | CP119 | °1000 | 3 | R. El Tropico, Trinidad: 1015-0300 (n. 970) |
| 29) | CP28 | 1000 | 1 | R. Cochabamba, Cochabamba: 1000-0300 (n. 900) |
| 30) | CP43 | °1000 | 5 | R. Piraí, Santa Cruz: 1000-0400 |
| 31) | CP4 | °1020 | 10 | R. Ilimani, La Paz: 1000-0400 |
| 32) | CP173 | 1030 | 0.3 | R. Agricultura, Portachuelo: 1100-0300 |
| 33) | CP113 | 1040 | 1 | R. Villazon, Villazon: 1100-0200 (Sun 2200) |
| 34) | CP208 | r1045 | 3 | R. Sipe Sipe: 1000-0200 |
| 35) | CP139 | 1050 | 1 | R. La Luz, Santa Cruz: 1100-0200 |
| 36) | CP181 | °1060 | 0.5 | R. La Voz de la Frontera, Pto. Suarez: 0900-0300 (Sat 0230, Sun 2300v) (n. 1050) |
| 37) | CP- | v1082 | 0.5 | R. Jenecherú, Cotoca |
| 38) | CP45 | 1090 | 0.3 | R. Cultura, Cochabamba: 1100-1800, 2000-0300 |
| 39) | CP57 | °r1085 | 10 | R. Progreso, La Paz: 0900-0400 (n.1090) |
| 40) | CP83 | v1095 | 1.5 | R. Norte, Montero: 1100-0400 |
| 41) | CP184 | 1100 | 5 | R. El Dorado, Trinidad: 1000-0400 |
| 42) | CP194 | °1100 | 1 | R. Chaco, Yacuiba: 0900-0400 |
| 43) | CP29 | °1110 | 10 | R. Fides, La Paz: 0900-0300 |
| 44) | CP- | r1125 | — | R. Provincia, Vinto |
| 45) | CP- | r1140 | 0.25 | R. Estevan Arze, Tarata: 0930-0300 |
| 46) | CP19 | 1145 | 1 | R. Agustín, Aspiazu, La Paz: 0900-0400 |
| 47) | CP25 | °1145 | 1 | R. Centenario, Sta Cruz (n. 1160): 1000-0400 (Sun 1100-0300) |
| 48) | CP71 | °1150 | 0.5 | R. El Cóndor, Oruro: 1000-0500 |
| 49) | CP- | 1150 | 0.25 | R. Horizontes de Campi, Cobija: 1100-0300 |
| 50) | CP78 | 1160 | 0.2 | R. Tunari, Cochabamba: 1000-0200 (Sun 2200) |
| 51) | CP98 | 1160 | 1 | R. Nuevo Mundo, Sucre: 1030-0300 (Sun 1100-1700v) |
| 52) | CP67 | 1200 | 1 | R. Splendid, La Paz: 1000-0200 |
| 53) | CP31 | 1200 | 5 | R. Oriental, Santa Cruz: 1100-0400 |
| 54) | CP37 | °1200 | 0.25 | R. Santa Ana, Sta. Ana de Yacuma: 1100-0400 |
| 55) | CP171 | 1200 | 0.25 | R. 24 de Noviembre, Arani: 1100-0400 |
| 56) | CP162 | °1220 | 3 | R. Batallón Topater, Oruro: 1000-0400 |
| 57) | CP- | r1220 | — | R. El Condor, Arque |
| 58) | CP180 | 1240 | 1 | R. San Miguel, Arani: 1000-0300 |
| 59) | CP54 | °1250 | 1 | R. La Plata, Sucre: 1000-0400 (Sun 1030-2230) |
| 60) | CP17 | °1250 | 0.25 | R. Sararenda, Camiri: 1000-0400 |
| 61) | CP16 | °1250 | 1.5 | R. Los Andes, Tarija: 1100-0400 |
| 62) | CP26 | °1250 | 1 | R. Amboró, Sta. Cruz: 0930-0400 (Sun 2400) |
| 63) | CP53 | °1250 | 1 | R. Indoamérica, Potosí: 0900-0400 |
| 64) | CP69 | °1250 | 5 | R. Nacional, Cochabamba: 0900-0200 |
| 65) | CP14 | 1250 | 2 | Emis. Unidas, La Paz: 1000-0300 (Sun 2400) |
| 66) | CP65 | 1250 | 0.4 | R. Oruro, Oruro: 1300-0400 |
| 67) | CP100 | °1250 | 1 | R. Ibaré, Trinidad: 1100-0200 |
| 68) | CP- | 1260 | 0.4 | R. Uncía, Potosí: 1100-0300 |
| 69) | CP134 | 1270 | 1 | R. Vanguardia Mina, Colquiri: 1000-0300 |
| 70) | CP187 | 1275 | 0.5 | R. Chané, Mineros: 1000-0400 (Sat/Sun 1100-2300) |
| 71) | CP112 | °1280 | 1.5 | R. Frontera, Yacuiba: 1000-0300 |
| 72) | CP41 | °1300 | 0.5 | R. Loyola, Sucre: 1030-0400 (Sun 1100-0100) |
| 73) | CP127 | °1300 | 0.15 | R. Juan XXIII, Uyuni: 1100-0400 |
| 74) | CP168 | 1300 | 0.3 | R. Chichas, Siete Suyos: 1100-0400 |
| 75) | CP- | r1300 | 0.35 | R. Coronel Eduardo Abaroa, Sta. Cruz: 1100-0500 |
| 76) | CP68 | 1310 | 10 | R. San Rafael, Cochabamba: 0900-0300 (Sun 1000-2300) |
| 77) | CP176 | 1330 | 1.5 | R. América, Oruro: 1000-0400 |
| 78) | CP24 | °1340 | 1 | R. Grigotá, Sta. Cruz: 1000-0300 (Sun 1100-0100) |
| 79) | CP146 | 1340 | 0.35 | R. San Francisco, Apolo |
| 80) | CP82 | 1350 | 1 | R. Electra, Potosí: 1000-0400 (Sun 1100-0500) |
| 81) | CP154 | v1355 | 0.25 | R. Armonia, Cliza: 0900-0400 |
| 82) | CP143 | 1360 | 1 | R. Libertad, Villazón: 1100-0300v (Sun 2200) |
| 83) | CP137 | °1360 | 1 | R. Stentor, La Paz: 1000-0400 (Sun 0300) |
| 84) | CP158 | 1370 | 0.5 | La Voz de Minero, Siglo XX: 0900-1700, 2200-2300 |
| 85) | CP186 | v1375 | 0.15 | R. Libertad, Cliza: 1000-0400 |
| 86) | CP3 | °1390 | 3 | R. Nal. de Bolivia, La Paz: 0800-0400 (Sun 0200) |
| 87) | CP169 | 1390 | 0.25 | R. La Voz Mineria del Sud, Mina Telemayu: 1100-0300 |
| 88) | CP221 | r1390 | — | R. 16 de Noviembre, Sacaba |
| 89) | CP174 | 1400 | 1 | R. Maritima, Santa Cruz: 1000-0430 (Sun 1100-0400) |
| 90) | CP124 | 1410 | 0.3 | R. Atlantida, Oruro: 1130-0200 |
| 91) | CP | °1410 | 0.25 | R. Roboré, Roboré: 1000 (Sun 1100)-0400 |
| 92) | CP49 | 1420 | 10 | R. Centro, Cochabamba: 1000 (Sun 1100)-0400 |
| 93) | CP141 | 1430 | 0.25 | R. Nuestro Señor de Burgos, Mizque: 1000-0200 |
| 94) | CP193 | °1430 | 0.25 | R. 23 de Marzo, Tupiza: 1300-0200 |
| 95) | CP61 | °1440 | 1 | R. Batallón, Colorados, La Paz: 1100-0200 (Sun 1200-2400) |
| 96) | CP104 | 1440 | 0.5 | R. Oriente, Camiri: 1000-0400 |
| 97) | CP107 | 1440 | 1.5 | R. Yaguari, Vallegrande: 1400-1800, 2200-0300 |
| 98) | CP61 | °1450 | 1 | Radioem. Bolivia, Oruro: 0900-0400 (Sun 1000-0300) |
| 99) | CP199 | 1450 | 0.1 | R. Sumac Orko, Potosí: 1000-0400 |
| 100) | CP212 | °1460 | 1 | R. Mineria, Capinota: 1000-0300 |
| 101) | CP152 | r1465 | 2.5 | R. El Mundo, Sacaba (n. 1495): 1000-0200 |
| 102) | CP215 | 1470 | 0.25 | R. Cordech, Alcala: 1000-0200 |
| 103) | CP140 | 1480 | 0.5 | R. Willy Bendeck, Sta. Cruz: 24h |
| 104) | CP135 | 1485 | 1 | R. La Voz del Valle, Punata: 1000-0300 |
| 105) | CP172 | 1490 | 1 | R. San José, San José: 1000-0200 |
| 106) | CP196 | 1490 | 0.25 | R. Moxos, San Ignacio, Moxos |
| 107) | CP198 | °1490 | 0.35 | R. Pedro Domingo Murillo, Quime |
| 108) | — | r1490 | 0.25 | R. Mairana, Mairana: 1100-0300 |
| 109) | CP80 | 1510 | 10 | R. Litoral, Cochabamba: 0900-0400 (Sun 1100-0200) |
| 110) | CP102 | °1510 | 0.25 | R. 27 de Diciembre, Villamontes |
| 111) | CP124 | °1510 | 0.25 | R. Ichilo, Villa Buch (n. 1350) |
| 112) | CP1 | 1510 | 1 | R. Chuquisaca, La Paz: 1000-0500 (Sun 0300) |
| 113) | CP179 | v1520 | 1 | R. El Espectador, Santa Cruz: 1000-0400 (Sun 2300) |
| 114) | CP207 | 1520 | 0.25 | La Voz del Cobre, Coro Coro: 1100-0200 |
| 115) | CP111 | °1530 | 1 | Radioem. Ballivián, San Borja: 1100-1800, 2300-0300 |
| 116) | CP200 | 1530 | 0.25 | R. Litoral, Llica: 1400-0300 |
| 117) | CP191 | 1545 | 0.35 | R. Mejillones, Tarata: 1900-0400 |
| 118) | CP50 | °1550 | 1 | R. Pio Doce, Siglo Veinte: 0900-0400 |
| 119) | CP115 | 1550 | 5 | Radioemisoras Caranavi, Caranavi: 0900-1230, 1545-1800, 2200-0200 |
| 120) | CP205 | 1550 | 1 | Tamengo Radiodif, Pto. Quijarro |
| 121) | CP156 | 1560 | 0.25 | R. 18 de Mayo, Vinto: 1000-0400 |
| 122) | CP132 | 1570 | 1 | R. Continental, La Paz: 1000-0700 |
| 123) | — | 1570 | 0.3 | R. Urkipiña, Quillacollo |
| 124) | CP166 | 1580 | 0.1 | R. Llallagua, Llallagua: 1100-0400 |
| 125) | CP118 | 1590 | 0.25 | R. Eduardo, Abaroa, Villa 16 de Julio de El Alto: 1100-0400 |
| 126) | CP155 | 1590 | 0.25 | R. Bermejo, Bermejo: 1100-0400 |
| 127) | CP153 | 1600 | 0.5 | R. Continental, Punata: 1000-0200 |

**Shortwaves:** n = nominal freq, * = inactive.

| | Call | kHz | kW | Name, location and h. of tr. |
|---|---|---|---|---|
| 42) | CP195 | *3280 | 1 | R. Chaco, Yacuibá |
| 128) | CP114 | v3315 | 1 | R. San Miguel, Riberalta (n. 3320): 1200-?, 2200-0230 (Sat 0300) |
| 129) | CP206 | *3330 | 0.3 | R. Charcas, Monteagudo |
| 130) | CP99 | 3340 | 1 | R. Viloco, Viloco: 0930-?, ?-0200 |
| 110) | CP103 | v3349 | 1 | R. 27 de Diciembre, Villamontes: 2230-0200v (n. 3350) |
| 131) | CP209 | 3370 | 1 | R. Florida, Samaipata: 1200-1800, 2100-0200 (Sun 1200-0100v) |
| 132) | CP167 | 3380 | 1 | R. Cumbre, "La Voz del Trabajador del Bismuto", Tazna: 1030-1300, 1500-1700, 2130-0330v |
| 133) | CP175 | 3390 | 1 | R. Camargo, Camargo: 2230-0200v |
| 134) | CP- | v3480 | 0.5 | R. Padilla, Padilla: 2300-0300v (Sat 2300-0200) |
| 135) | CP- | r3885 | — | R. Libertad, Entre Rios: 2300-0100v |
| 136) | CP- | v4090r | 0.5 | R. Comarapa, Comarapa: 1130-0300 (n. 3958) |
| 137) | CP- | r4094v | — | R. Dif. 8 de Noviembre, Concepción |
| 138) | CP- | r4195v | — | R. Santa Rosa, Yacuma: 2300-0200 |
| 139) | CP182 | 4420v | — | R. Reyes, Reyes: 1530-1800v, 2315-0315v |
| 140) | CP- | r4458 | 0.25 | R. Capitan Victor Ustariz "La Voz Trópico", Villa Tunari: 1000-1400, 2100-0200 |
| 141) | CP142 | v4472 | 1 | R. Movima, Sta. Anna de Yacuma: 1100-1900v, 2200-0300v (n. 4835, r4478/4482). |
| 142) | CP- | r4584v | — | R. Litoral, Cochabamba |
| 94) | CP- | v4638 | — | R. 23 de Marzo, Tupiza (n. 4640) |
| 21) | CP185 | v4682 | 5 | R. Paititi, Guayaramerín (r4865): 1100-1900, 2130-0300v |
| 142) | CP117 | v4697 | 0.5 | R. Riberalta, Riberalta (n. 4775): 1100-0330v |
| 36) | CP168 | 4710 | 0.5 | R. La Voz de la Frontera, Pto. Suárez: irr. |
| 143) | CP136 | v4720 | 0.5 | R. Abaroa, Riberalta (n. 4760): 1100-0400v |
| 144) | CP229 | r4730v | — | R. Guanay, Guanay |
| 145) | CP147 | v4739 | 1 | R. Mamoré, Guayaramerín (n. 4815): 1045-1700v, 2145-0100v |
| 98) | CP62 | v4756 | 5 | Radioem. Bolivia, Oruro (n. 4760): 0900-1600, 2200v-0400 (Sat 0300, Sun 0200) |
| 61) | CP84 | v4775 | 3 | R. Los Andes, Tarija: 1045-0300 (Sun 2400) |
| 28) | CP120 | 4775 | 3 | R. Tropico, Trinidad: 1100- |
| 115) | CP152 | v4785 | 0.5 | Radioem. Ballivián, San Borja: irr. 1200-1700 |
| 20) | CP73 | v4797 | 1 | R. Nueva América, La Paz (n. 4795): 1000-0400 (Sun 1030-2245v) |
| 54) | CP89 | v4803 | 1 | R. Santa Ana, Sta. Anna: 1100-1800v 2130-0200v |
| 71) | CP131 | *4806 | 1.5 | R. Frontera, Yacuiba (n. 4805) |
| 86) | CP144 | 4817 | 1.5 | R. Nal. de Bolivia, La Paz (n.4815): 0800-0200 |
| 78) | CP70 | 4825 | 5 | R. Grigota, Sta. Cruz: 1530v-1830v, 2200v-0030v (Sun 1100-2400) |
| 43) | CP72 | 4845 | 5 | R. Fides, La Paz: 0900-0300 (Sun: 1230-0230) |
| 47) | CP66 | *4853 | 2 | R. Centenario, Sta. Cruz (n. 4855) |
| 146) | — | v4856 | — | R. Cobija, Cobija: 1100-1630v, 2200-0300 |
| 8) | CP75 | v4875 | 10/1 | La Cruz del Sur, La Paz: 0950-1300, 1500-1700, 2200-0100 (Sun 0950-1400) |
| 60) | CP77 | 4886 | 1 | R. Sararenda, Camiri (n. 4885), 1215-2200 (Sun 1200-2100/2200v) |
| 62) | CP88 | *4915 | 1 | R. Amboro, Sta. Cruz |
| 40) | CP110 | v4938 | 1.5 | R. Norte, Montero (n. 4935): 1115-1245, 1630-1800, 2200-0300 (Sun 1200-0200) |
| 31) | CP7 | 4945 | 10 | R. Illimani, La Paz: 0900-0400 (Sun 0300) |
| 67) | CP100 | r4959 | 1.5 | R. Ibaré, Trinidad (n. 4885) |
| 17) | CP90 | v4965 | 3 | R. Juan XXIII, San Ignacio de Velasco: 1000-1330, 2000-0030 (Sun 1100-1700) |
| 56) | CP162 | 4980 | 1 | R. Batallón Topater, Oruro: 1000 (Sun 1100)-0500 (Sat 0400, Sun 2400v) |
| 100) | CP213 | 4985 | 1 | R. Mineria, Capinota: 1000-0300 |
| 147) | CP151 | 4990 | | Radioem. Bení, Magdalena: v1200-0200v |
| 148) | CP163 | 4991 | 1 | R. Animas, Chocaya: 1030-1800, 2100-0400 (Sun 1200-2200) |
| 12) | CP48 | *5005 | 1 | Radiodif. Cristal, La Paz |
| 149) | CP178 | 5030 | 0.25 | R. Cuarto Centenario, Tupiza: |
| 15) | CP38 | *5045 | 5 | R. Altiplano, La Paz |
| 111) | — | v5077 | 0.12 | R. Ichilo, Villa Buch: 1030-1300, 1500-0100v (Sun 1030-0030) |
| 150) | — | v5159r | 0.08 | R. Galaxia, Guayaramerín: 1130-0200 |
| 91) | CP- | *5312 | 0.15 | R. Roboré, Roboré |
| 151) | — | 5450 | | R. Machupo, San Ramón de la Ribera: 2315-0145v |
| 152) | CP109 | v5505 | 0.5 | R. dos de Febrero, Rurrenabaque (n. 5020): 2130-0300 |
| 153) | CP- | v5581 | 0.5 | R. San José, San José de Chiquitos: 1215-1700, 2100-0200 (Sun 1215-1600) |
| 154) | — | v5870 | — | R. Corocoro, Corocoro |
| 155) | — | 5910 | — | R. El Espectador, Betanzos |
| 156) | — | v5930 | — | R. Centinela, Tupiza: 1330-2200v |
| 118) | CP60 | v5954 | 1 | R. Pio Doce, Siglo Veinte: 0900-2100v (Sun 1000-2100) |
| 157) | CP177 | 5965 | 2.5 | R. Nacional, Huanuni: 0925-0300v |
| 64) | CP200 | v5975 | 1 | R. Nacional, Cochabamba: 1000-1600v (Sun 1100v-2200v) |
| 72) | CP51 | 5995 | 1 | R. Loyala, Sucre: 0930-0030 |
| 39) | CP58 | 6005 | 4 | R. Progreso, La Paz: 1200-0030 |
| 31) | CP5 | 6025 | 10 | R. Illimani, La Paz: 0900-0400 (Sun 0300) |
| 12) | CP64 | 6045 | 1 | R. Cristal, La Paz |
| 48) | CP18 | 6069 | 2 | R. El Cóndor, Oruro (n. 6070): 1000-2030 (Sun 1100-2230v) |
| 18) | CP159 | 6082 | 0.85 | R. 21 de Diciembre, Mina Catari: irr. |
| 1) | CP92 | 6106 | 7.5 | R. Panamericana, La Paz: 1030-0030v, 0130v-0400 (Sun 1100-2200) (n. 6105) |
| 27) | CP32 | *6137 | 1/0.5 | R. Santa Cruz, Sta. Cruz |
| 158) | CP181 | v6146 | 0.6 | R. Luis de Fuentes, Tarija: 1500-2100 (Sun 1300-1700v) |
| 43) | CP12 | 6155 | 1 | R. Fides, La Paz: 0900-1730, 2230-0300 (Sun 1230-1700, 2230-0230) |
| 63) | CP74 | 6175 | 10 | R. Indoamerica, Potosí: 0900-0300 |
| 95) | CP61 | *6185 | 3 | R. Batallón, Colorados, La Paz |
| 83) | CP161 | 6195 | 10 | R. Stentor, La Paz: 1100-0400v |
| 159) | CP- | r6218v | — | R. Totoral, Totoral |
| 160) | — | *6293v | — | R. Nuevos Horizontes, Tupiza |
| 161) | CP- | r6340v | — | R. La Voz del Caine, Cochabamba |
| 107) | CP197 | r6675 | — | R. Pedro Domingo Murillo, Quime |
| 162) | CP- | v7408r | — | R. Carlos Quinto, Betanzos, Depto. Potosí: 1000-1500, 2230-0300 (Sun 1100-0230) |
| 31) | CP6 | *9555 | 10 | R. Illimani, La Paz |
| 30) | CP97 | *9605 | 1.5 | R. Pirai, Sta. Cruz |
| 59) | CP21 | v9716 | 1 | R. La Plata, Sucre: 1330v-1800 (n. 9715) |

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152) Vaca Diez 400, Rurrenabaque, Depto. Bení — DG: Roger Arce Salmón.
153) Cas. 15, San José de Chiquitos, Depto. de Santa Cruz — Dir: Luis Hurtado Salas.
154) Corocoro, La Paz.
155) Correo Central, Betanzos, Depto. Potosí — DG: Gualberto Caballero.
156) Tupiza, Depto. Potosí.
157) Calle Sucre, Huanuni, Depto. de Oruro — DG: Enrique Zenteno Beltrán.
158) Cas. 125, Tarija — Dir: Manuel Villena C.
159) Centro Minero Totoral, Depto. Oruro.
160) Correo Central, Tupiza, Depto. de Potosí.
162) Jirón Pasco, Bentanzos, Prov. Saavedra, Depto. Potosí.
**NB:** There is normally no delivery of letters in Bolivia (exc. La Paz), and recipients have to collect from the P.O. Letters should therefore carry the casilla number where known.
**V:** The following SW-st's verified in 1983/84: 1), 8), 15), 17), 20), 21), 31), 40), 43), 54), 60), 64), 70), 71), 83), 111), 128), 131), 134), 139), 140), 141), 143), 146), 148), 149), 152), 157).

## BRAZIL

**L.T:** Eastern (Coastal) UTC-3h. Western: UTC-4h. Acre: UTC-5h — **Pr.L:** Portuguese — **E.C:** a/c 50-60, 110-127/220V.

### DEPARTAMENTO NACIONAL DE TELECOMUNICAÇÕES (DENTEL)

Ministério das Comunicações, Esplanada dos Ministérios, 70.044 Brasilia, D.F.—**Cable:** Dentel.
**L.P:** Dir. Gen: Cel. Antônio Fernandez Neiva. Dir. of Radio: Roberto Blois Montes de Souza.

### ASSOCIAÇÃO BRASILEIRA DE EMISSORAS DE RÁDIO E TELEVISÃO (ABERT)

**ADDR:** Hotel Nacional, Salas 6&7, 70332 Brasilia, D.F. (C.P. 040-280). **Te:** 2238113. **Cable:** Abertrio.
**L.P:** Paulo Machado de Carvalho Filho. Exec. Dir: Antônio Abelin.

### SEARA-SERVIÇOS ASSOCIADOS DE RÁDIO LTDA.

**ADDR:** Rua do Livramento 189, 20021 Rio de Janeiro.
**Te:** 243-2225.

### RADIOBRAS

**ADDR:** SCRN 702/703 Bloco 2 lote 2, 4e6, 70710 Brasilia, DF—
**Te:** 226-9100. (C.P. 04-0340 70312 Brasilia, DF).
**L.P:** Pres: Lourival Massa da Costa. Dir: Fausto Weiller. Dir. Adm: Laumar Melo Vasconcelos. Dir. Tec: Jorge Alberto Scandiuzzi.
**N.B:** all st's carry "A Voz do Brasil" Mon-Fri: 2200-2300 (official programme); 2300-2330 "projecto Minerva" (educational) (Sat/Sun: 2230-2300).

**STATIONS: Mediumwave:** °=also shortwave. **H. of tr:** 0800-0300 exc. where indicated; a) 24h, b) 0800-0400, c) 0900-0300.

| | Call | kHz | kW | Name, location and h. of tr. |
|---|---|---|---|---|
| 1) | ZYJ450 | 540 | 10/2.5 | R. Fluminense, Niteroi, RJ: b |
| 2) | ZYH755 | 540 | 10/1 | R. Riviera, Goiânia, GO: b |
| 3) | ZYK322 | 540 | 10/1 | R. Sepé Tiarajú, Santo Angelo, RS: b |
| 4) | ZYK697 | 540 | 1/0.25 | R. Uirapuru, Birigui, SP: b |
| 5) | ZYK226 | 540 | 1/0.25 | R. Real, Canoas, RS: a |
| 6) | ZYJ778 | 540 | 10/0.25 | R. Mirador, Rio do Sul, SC |
| 7) | | 540 | 1/0.25 | R. Regional, Irece, BA |
| 8) | ZYJ924 | 540 | 10/2.5 | R. Jornal de Sergipe, Aracajú, SE |
| 9) | ZYF278 | °540 | 50 | R. Nacional, Manaus, AM: 1900-0200 |
| 10) | | 540 | 1/0.25 | R. Guajajara, Barra do Corda, MA |
| 11) | ZYK734 | 540 | 1/0.25 | R. Nova Sumare, SP |
| 12) | ZYK578 | 550 | 5/0.5 | R. Mantiqueira, Cruzeiro, SP: c |
| 13) | ZYK696 | 550 | 5/0.25 | R. Educação, Sertãozinho, SP |
| 14) | ZYL225 | 550 | 5/0.5 | R. Cataguases, MG: a |
| 15) | ZYL263 | 550 | 5/0.5 | R. Sociedad Norte Minas, Montes Claros, MG |
| 16) | ZYK287 | 550 | 2.5/0.25 | R. Santa Cruz do Sul, RS |
| 17) | ZYI796 | 550 | 5/1 | R. Meridional, Garunhuns, PE:a |
| 18) | ZYI902 | 550 | 1/0.25 | R. Serra da Capivara, São Raimundo Nonato, PI |
| 19) | ZYJ496 | 560 | 5/0.25 | R. Costa do Sul, Araruama, RJ |
| 20) | ZYI | 560 | 1/0.25 | R. Pioneira, Tangará da Serra, MT |
| 21) | | 560 | 1/0.25 | R. Campestre, São Paulo, SP |
| 22) | ZYK231 | 560 | 5/1 | R. São Francisco, Caxias do Sul, RS: a |
| 23) | ZYH887 | 560 | 10/5 | R. Educ. Maranhão Rural, São Luiz, MA |
| 24) | ZYH456 | 560 | 5/1 | R. Jornal de Itabuna, BA: 0700-0300 |
| 25) | ZYJ214 | 560 | 1/0.5 | R. Londrina, PR |
| 26) | ZYJ281 | 560 | 2.5/0.25 | R. Cultura, Guarapuava, PR |
| 27) | ZYH244 | 570 | 5/1 | R. Novo Nordeste, Arapiraca, AC |
| 28) | ZYK672 | °570 | 5/1 | R. Dif. Taubaté, SP: c |
| 29) | ZYJ337 | 570 | 1/0.25 | R. Panorama, Mandirituba, PR |
| 30) | ZYJ735 | 570 | 5/0.25 | R. Eldorado, Criciúma, SC |
| 31) | ZYL261 | 570 | 25/5 | R. Capital, Belo Horizonte, MG: a |
| 32) | ZYK267 | 570 | 1/0.25 | R. Passo Fundo, RS: b |
| 33) | ZYH614 | 570 | 1/0.25 | R. Uirapuru, Itapipoca, CE |
| 34) | ZYH613 | 570 | 5/0.25 | R. Vale do Cariri, Juazeiro do Norte, CE |
| 35) | ZYK540 | 580 | 1/0.25 | R. Clube, Americana, SP: a |
| 36) | ZYK318 | 580 | 10/5 | R. Fátima, Vacaria, RS |
| 37) | ZYJ485 | °580 | 10/5 | R. Relógio Federal, Rio de Janeiro, RJ: a |
| 38) | ZYI387 | °580 | 10/1 | R. Educ. Rural, Campo Grande, MS: 0800-0500 |
| 39) | ZYI776 | 580 | 20/10 | R. Globo, Recife, PE: a |
| 40) | ZYK299 | 580 | 1/0.25 | R. São Gabriel, RS |
| 41) | ZYH247 | 580 | 10 | R. Nacional, Tefé, AM |
| 42) | | 580 | 1/0.25 | R. Regional, Palmital, SP |
| 43) | ZYL328 | 580 | 5/0.25 | R. Visão, Überlândia, MG |
| 44) | ZYH627 | 590 | 5/0.25 | R. Vale do Rio Poty, Crateus, CE |
| 45) | ZYK643 | °590 | 5/1 | R. Ribeirão Preto, SP: b |
| 46) | ZYK534 | 590 | 1/0.5 | R. Atlantica, Santos, SP: c |
| 47) | ZYJ234 | 590 | 5 | R. Ouro Verde, Curitiba, PR: c |
| 48) | ZYJ700 | °590 | 10 | R. Nacional, Boa Vista, RR |
| 49) | ZYI213 | 590 | 5/0.25 | R. Tribuna, Vitoria, ES |
| 50) | ZYH455 | 590 | 10/5 | R. Cruzeiro, Salvador, BA: a |
| 51) | ZYL277 | 590 | 1/0.25 | R. Dif. Patrocino, MG |
| 52) | ZYK210 | 590 | 5/0.25 | R. Cultura, Alegrete, RS |
| 53) | ZYI420 | 590 | 10/5 | R. Vila Real, Cuiabá, MT 0800-0500 |
| 54) | ZYH287 | °600 | 10 | R. Nacional, São Gabriel, AM |
| 55) | ZYK278 | °600 | 100 | R. Gaucha, Porto Alegre, RS: a |
| 56) | ZYJ789 | 600 | 1/0.25 | R. Carueal, Arcoverde, PE: 24h |
| 57) | | 600 | 10/1 | R. Vale de Rio Grande, Barreiras, BA |
| 58) | ZYK589 | 610 | 1/0.25 | R. Piratininga, Guaratingetá, SP |
| 59) | ZYI678 | °610 | 1/0.25 | R. Progresso, Souza, PB |
| 60) | ZYK577 | 610 | 1/0.25 | R. A Voz de Catanduva, SP: b |
| 61) | ZYI899 | 610 | 10/1 | R. Poty, Teresina, PI |
| 62) | ZYJ779 | 620 | 5/0.25 | R. Dif. Alto Vale, Rio do Sul, SC |
| 63) | ZYK315 | 620 | 5/0.25 | R. Municipal, Tenente Portela, RS |
| 64) | ZYK251 | °620 | 50/10 | R. Panamericana, São Paulo, SP: a |
| 65) | ZYK270 | 620 | 10/1 | R. Pelotense, Pelotas, RS: a |
| 66) | ZYH590 | °620 | 10 | R. Assunção, Fortaleza, CE |
| 67) | ZYJ324 | 620 | 1/0.25 | R. Cidade, Jandaia do Sul, PR |
| 68) | ZYG635 | 630 | 5/0.25 | R. Piratininga, Presidente Prudente, SP |

| | Call | kHz | kW | Name, location and h. of tr. |
|---|---|---|---|---|
| 69) | ZYK289 | 630 | 1/0.25 | R. Santamariense, Santa Maria, RS |
| 70) | ZYI384 | 630 | 10/5 | R. Bom Jesus, Cuiabá, MT |
| 71) | ZYH422 | °630 | 10 | R. Nacional, Macapá, AP |
| 72) | ZYJ284 | 630 | 10/0.25 | R. Estadual, Curitiba, PR |
| 73) | ZYJ466 | 630 | 25/10 | R. Roquette Pinto, Rio de Janeiro, RJ |
| 74) | ZYJ800 | 630 | 1/0.25 | R. Doce de Maio, São Lourenço D'Oeste, SC |
| 75) | ZYJ920 | 630 | 1 | R. Dif. Sergipe, Aracajú, SE |
| 76) | ZYK613 | 630 | 1/0.25 | R. Difusora, Mirassol, SP |
| 77) | ZYL268 | °630 | 50 | R. Itatiaia, Belo Horizonte, MG: a |
| 78) | ZYL299 | 630 | 1/0.5 | R. Dif. Uberaba, MG |
| 79) | | 630 | 1/0.25 | R. TV Acauna, Barras, PI |
| 80) | ZYK277 | 640 | 50/10 | R. Dif. Porto Alegre, RS 0700-0400 |
| 81) | ZYH757 | 640 | 25/5 | R. Dif. Goiânia, GO |
| 82) | ZYI204 | °640 | 5/1 | R. Vitória, ES: b |
| 83) | ZYJ590 | 640 | 10/5 | R. Cabugi, Natal, RN: b |
| 84) | ZYK547 | 640 | 2.5/0.5 | R. Morada do Sul, Araraquara, SP: a |
| 85) | ZYJ262 | 640 | 1/0.25 | R. Auriverde, Londrina, PR: a |
| 86) | ZYK524 | 650 | 5/0.25 | R. Dif. Piracicaba, SP: a |
| 87) | ZYI672 | 650 | 5/1 | R. Alto Piranhas, Cajazeiras, PB |
| 88) | ZYL200 | 650 | 5/0.25 | R. Princesa, Lagoa Formosa, MG |
| 89) | ZYL272 | 650 | 10 | R. Ouro Preto, MG |
| 90) | ZYL308 | 650 | 5/1 | R. Santa Cruz, Pará de Minas, MG |
| 91) | ZYK508 | 650 | 1/0.25 | R. Andradina, SP |
| 92) | ZYI401 | 660 | 10/1 | R. Amorim, Rondonópolis, MT |
| 93) | ZYI787 | 660 | 1/0.25 | R. da Grande Serra, Arapina, PE |
| 94) | | 660 | 1/0.25 | R. Educadora, Porteirinha, MG |
| 95) | ZYK639 | °660 | 10 | R. Clube Ribeirão Preto, SP: a |
| 96) | ZYK518 | 660 | 1/0.25 | R. A Tribuna Santos, SP: c |
| 97) | ZYJ472 | 660 | 1/0.25 | R. Sociedade, Novo Friburgo, RJ: c |
| 98) | ZYI787 | 660 | 1 | R. Dif. Limoeiro, PE |
| 99) | ZYK319 | 660 | 10/0.25 | R. Cidade, Vacaria, RS |
| 100) | | 670 | 1/0.25 | R. TV do Amazonas, Sena Madureira, AC |
| 101) | ZYJ248 | 670 | 10/5 | R. Cidade, Curitiba, PR: 24h |
| 102) | ZYJ321 | 670 | 1/0.25 | R. Sociedade, Nova Esperanza, RJ |
| 103) | ZYJ921 | °670 | 10/5 | R. Cultura de Sergipe, Aracajú, SE: a |
| 104) | ZYH747 | 670 | 5/1 | R. São Francisco, Anápolis, GO: c |
| 105) | ZYK296 | 670 | 1/0.25 | R. Cultura Jaguarão, Santa Vitória do Palmar, RS |
| 106) | ZYK598 | 670 | 1/0.5 | Emiss. Convenção de Itú, Itú, SP |
| 107) | ZYK585 | 670 | 1/0.25 | R. Clube, Garça, SP |
| 108) | ZYL310 | 670 | 5/2.5 | R. Educadora, Montes Claros, MG |
| 109) | | 670 | 1/0.25 | R. Visão, Ponte Nova, MG |
| 110) | ZYH606 | 670 | 1/0.25 | R. Cultura, Varzea Alegre, CE |
| 111) | ZYH288 | °670 | 10 | R. Nacional, Tabatinga, AM (n. 630) |
| 112) | °670 | | 1/0.25 | R. Vale do Rio Madeira, Humaita, AM |
| 113) | ZYK370 | 670 | 5/0.25 | R. Gazeta, Carazinho, RS |
| 114) | | °670 | 1/0.25 | R. Rural, Altamira, PA |
| 115) | ZYK205 | 680 | 50 | R. Farroupilha, Porto Alegre, RS: a |
| 116) | ZYJ793 | 680 | 10/0.25 | R. do Grande Rio, Petrolina, PE |
| 117) | ZYI389 | 680 | 5/1 | R. Cultura, Campo Grande, MS: a |
| 118) | ZYJ452 | °680 | 20/5 | R. Copacabana, São Gonçalo, RJ: a |
| 119) | ZYH471 | 680 | 10/0.5 | R. Clube, Santo António de Jesus, BA |
| 120) | ZYH765 | °680 | 1/0.25 | R. Difusora, Jataí, GO |
| 121) | ZYH885 | °680 | 5 | R. Dif. do Maranhão, São Luiz, MA: a |
| 122) | ZYK576 | 680 | 1/0.25 | R. Difusora, Catanduva, SP |
| 123) | ZYK626 | 680 | 1/0.25 | R. Piratininga, Piraju, SP |
| 124) | ZYI532 | °690 | 10/5 | R. Clube do Para, Belém, PA: a |
| 125) | ZYJ772 | 690 | 5/0.5 | R. Clube, Lages, SC |
| 126) | ZYK252 | 690 | 5/0.25 | R. Progresso, Ijui, RS: b |
| 127) | ZYH453 | 690 | 5/0.25 | R. Cultura, Ilheus, BA |
| 128) | ZYK588 | 690 | 1/0.25 | R. Clube, Guaratinguetá, SP |
| 129) | ZYK625 | 690 | 1/0.25 | R. Pereira Barreta, SP |
| 130) | ZYK626 | 690 | 1/0.25 | R. Brasil, Sta. Barbara d'Oeste, SP |
| 131) | ZYL228 | 690 | 10/3 | R. Mineira, Belo Horizonte, MG |
| 132) | ZYH587 | °690 | 25/10 | R. Dragão do Mar, Fortaleza, CE: b |
| 133) | ZYJ229 | °690 | 1/0.25 | R. Difusora, Londrina, PR |
| 134) | ZYJ252 | 690 | 1/0.25 | R. Difusora, Ponta Grossa, PR |
| 135) | ZYK561 | 690 | 1/0.25 | R. Bebedouro, SP |
| 136) | | °690 | 5/0.25 | R. Atalaia, Obidos, PA |
| 137) | ZYI402 | 690 | 5/0.25 | R. Cultura, Navarai, MS: b |
| 138) | | 690 | 1/0.25 | R. Parecis, Diamantina, MT |
| 139) | | 700 | 10/0.25 | R. Dif. e Cultura, Feira de Santana, BA |
| 140) | ZYK686 | 700 | 50 | R. Eldorado, São Paulo, SP: c |
| 141) | ZYI890 | 700 | 10/5 | R. Clube, Teresina, PI |
| 142) | ZYH240 | °710 | 5/1 | R. Educ. Palmares de Alagoas, Maceió, AL |
| 143) | | 710 | 1/0.25 | R. Verdes Vales, Grajaú, MA |
| 144) | ZYJ451 | 710 | 10/0.25 | R. Carioca, Rio de Janeiro, RJ |
| 145) | ZYK559 | 710 | 10/5 | R. Terra Branca, Bauru, SP |
| 146) | ZYL258 | 710 | 5/0.25 | R. Sociedade, Manhuaçu, MG: b |
| 147) | | 710 | 1/0.25 | R. Dif. Asa Branca, Voa Viagem, CE |
| 148) | ZYH202 | °720 | 10 | R. Nacional, Cruzeiro do Sul, AC |
| 149) | ZYH281 | °720 | 1/0.25 | R. Dif. Itacoatiara, AM |
| 150) | ZYK276 | °720 | 100 | R. Guiaba, Porto Alegre, RS |
| 151) | ZYK722 | 720 | 1/0.25 | R. Menina, Olimpia, SP |
| 152) | ZYK575 | 720 | 1/0.25 | R. Difusora, Casa Branca, SP |
| 153) | ZYK718 | 720 | 1/0.25 | R. Cruzeiro, SP |
| 154) | ZYI390 | °720 | 1 | R. Clube, Dourados, MS: b |
| 155) | ZYI770 | 720 | 100 | R. Clube de Pernambuco, Recife, PE: a |
| 156) | ZYK701 | 720 | 1/0.25 | R. Sentinela, Ourinhos, SP |
| 157) | ZYH786 | 730 | 1/0.25 | R. Jornal, Luziana, GO |
| 158) | ZYK610 | 730 | 5/1 | R. Dirceu, Marilla, SP: b |
| 159) | ZYK268 | 730 | 5/1 | R. Planalto, Passo Fundo, RS |
| 160) | ZYK523 | 730 | 5/0.25 | R. Santos Dumont, Jundiai, SP |
| 161) | ZYL297 | 730 | 5/1 | R. Nova Cidade, Juiz de Fora, MG: a |
| 162) | ZYL326 | 730 | 1/0.25 | R. União, João Pinheiro, MG |
| 163) | ZYJ208 | °730 | 5/0.25 | R. Marumbi, Curitiba, PR |
| 164) | ZYH896 | 730 | 1/0.25 | R. Eldorado, Codó, MA |
| 165) | ZYI780 | °730 | 10/5 | R. Emiss. A Voz de São Francisco, Petrolina, PE |
| 166) | ZYJ787 | 730 | 1/0.25 | R. Tuba, Tubarão, SC |
| 167) | ZYJ259 | 740 | 1/0.25 | R. Goio-Erê, PR |
| 168) | ZYJ753 | °740 | 5/1 | R. Diário da Manha, Florianópolis, SC: a |
| 169) | ZYH446 | °740 | 100 | R. Soc. da Bahia, Salvador, BA: b |
| 170) | ZYK265 | °740 | 2.5/ 0.25 | R. Palmeiras, Palmeiras das Missões, RS |
| 171) | ZYK283 | 740 | 5/0.25 | R. Cultura, Rio Grande, RS: a |
| 172) | ZYK655 | 740 | 5/0.5 | R. Universal, Santos, SP: c |
| 173) | ZYI792 | 750 | 1/0.5 | R. Panati, Patos, PB |
| 174) | ZYJ815 | 750 | 1/0.25 | R. Aliança, Concordia, SC |
| 175) | ZYI897 | 750 | 1/0.25 | R. Heróis do Jenipapo, Campo Maior, PI |
| 176) | ZYH709 | 750 | 25 | R. Alvorada, Brasilia, DF: a |
| 177) | ZYK642 | 750 | 10/1 | R. Renasçenca, Ribeirão Preto, SP: b |
| 178) | ZYK661 | 750 | 1/0.25 | R. Piratininga, São José dos Campos, SP: a |
| 179) | ZYJ792 | 750 | 1/0.25 | R. Progreso, Lagarto, SE |
| 180) | ZYJ478 | 760 | 25/1 | R. Manchete, Niteroi, RJ: 0700-0500 |
| 181) | ZYH588 | 760 | 10 | R. Uirapuru, Fortaleza, CE: b |
| 182) | ZYJ742 | 760 | 1/0.25 | R. Nereu Ramos, Blumenau, SC |
| 183) | ZYK222 | 760 | 1/0.25 | R. Jornal do Comercio, Candelária, RS |
| 184) | ZYK560 | 760 | 10/0.25 | R. Auriverde, Bauru, SP: a |
| 185) | ZYH609 | 770 | 2/0.25 | R. Vale do Salgado, Lavras, CE |
| 186) | ZYL302 | 770 | 10/0.5 | R. Clube, Patos de Minas, MG: b |
| 187) | ZYJ922 | 770 | 10/5 | R. Atalaia de Sergipe, Aracajú: a |
| 188) | ZYK506 | 770 | 5/0.25 | R. Jornal do Pôvo, Limeira, SP: b |
| 189) | ZYI211 | 770 | 5/0.25 | R. Dif. Princesa do Sul, Cachoeira de Itapemirim, ES |
| 190) | | 770 | 1/0.25 | R. Difusora, Carnbé, PR |
| 191) | ZYK695 | °780 | 50/10 | R. Excelsior, São Paulo, SP: a |
| 192) | ZYI771 | °780 | 20/5 | R. Jornal do Comercio, Recife: PE: a |

| | Call | kHz | kW | Name, location and h. of tr. |
|---|---|---|---|---|
| 193) | ZYJ247 | 780 | 1/0.25 | R. Portavoz, Cianorte, PR |
| 194) | ZYJ305 | 780 | 5/0.25 | R. Chopinzinho, PR |
| 195) | ZYJ788 | 780 | 1/0.25 | R. Marconi, Urussanga, SC |
| 196) | ZYK229 | 780 | 5/0.25 | R. Carazinho, RS |
| 197) | ZYH291 | 780 | 10 | R. Nacional, Eurinepé, AM |
| 198) | ZYK279 | 780 | 2.5/1 | R. Princesa da Jacui, Porto Alegre, RS: a |
| 199) | ZYL246 | °780 | 5/0.25 | R. Educ. Überlândia, MG: b |
| 200) | ZYH484 | 790 | 5/0.25 | R. Barrairas, BA |
| 201) | ZYH629 | 790 | 1/0.25 | R. Jornal Centro Sul, Iguatú, CE |
| 202) | ZYI679 | 790 | 2.5/1 | R. Cultura, Guarabira, PB |
| 203) | ZYK538 | 790 | 1/0.25 | R. Brasil, Adamantina, SP |
| 204) | ZYK546 | °790 | 5/0.25 | R. Cultura, Araraquara, SP: a |
| 205) | ZYL279 | 790 | 1/0.25 | R. Sociedade, Ponte Nova, MG |
| 206) | ZYL311 | 790 | 1/0.25 | R. Treze de Junho, Mantena, MG |
| 207) | ZYK292 | 800 | 10/0.25 | R. Universidade, Santa Maria, RS |
| 208) | ZYJ457 | °800 | 100 | R. MEC, Rio de Janeiro, RJ: a |
| 209) | ZYH705 | 800 | 10/5 | R. Educ. Brasilia, DF: a |
| 210) | ZYH589 | 810 | 50/5 | R. Verdes Mares, Fortaleza, CE: a |
| 211) | ZYK604 | 810 | 5/0.25 | R. Dif. Jundiai, SP: 0800-0400 |
| 212) | ZYL202 | 810 | 1 | R. Aimorés, MG |
| 213) | ZYJ238 | °820 | 10/5 | R. Cultura, Foz do Iguaçu, PR: b |
| 214) | ZYH752 | 820 | 10/5 | R. Jornal de Goiás, Goiânia, GO: b |
| 215) | | 820 | 1/0.25 | R. Regional, Conceição do Araguaia, PA |
| 216) | | 820 | 1/0.25 | R. União, Camocim, CE |
| 217) | ZYI775 | 820 | 5/1 | R. Universitaria, Recife, PE |
| 218) | ZYJ738 | 820 | 50 | R. União, Blumenau, SC: a |
| 219) | ZYI212 | 820 | 10/0.25 | R. A. Gazeta, Vitória, ES |
| 220) | ZYK241 | 820 | 5/0.25 | R. Alto Taquari, Estrela, RS |
| 221) | ZYK542 | °820 | 5/0.5 | R. Aparecida, SP: c |
| 222) | ZYK622 | 820 | 1/0.25 | R. Clube, Ourinhos, SP |
| 223) | ZYK624 | 820 | 1/0.25 | R. Difusora, Penápolis, SP |
| 224) | ZYL255 | 820 | 1/0.25 | R. Barbacena, MG |
| 225) | ZYL291 | 820 | 1/0.25 | R. Difusora, São Sebastião do Paraíso, MG |
| 226) | ZYJ477 | 820 | 5/0.25 | R. Macaé, RJ: b |
| 227) | | 820 | 1/0.25 | R. TV do Amazonas, Manacapuru, AM |
| 228) | ZYH | °820 | 1/0.25 | R. Educadora 06 de Agosto, Xapuri, AC |
| 229) | ZYJ224 | 830 | 5/0.25 | R. Araucária, PR: a |
| 230) | ZYJ595 | 830 | 1/0.5 | R. Emis. de Educação Rural, Caicó, RN |
| 231) | ZYJ926 | 830 | 10/0.5 | R. Princesa da Serra, Itabaiana, SE |
| 232) | ZYK687 | °840 | 50/10 | R. Bandeirantes, São Paulo, SP: a |
| 233) | ZYJ750 | 840 | 10/1 | R. Rural, Concordia, SC |
| 234) | ZYK248 | 840 | 10 | R. Capital, Porto Alegre, RS: a |
| 235) | ZYH447 | 840 | 20/5 | R. Excelsior, Salvador, BA: b |
| 236) | ZYJ266 | 840 | 1/0.25 | R. Tabajara, Londrina, PR |
| 237) | ZYH776 | 850 | 10/5 | R. Educadora, Porangatu, GO |
| 238) | ZYL233 | 850 | 1/0.25 | R. Difusora, Formiga, MG |
| 239) | ZYL254 | °850 | 1/0.25 | R. Por Um Mundo Melhor, Gov. Valadares, MG |
| 240) | ZYL295 | 850 | 1/0.25 | R. Tupaciguara, MG: 0900-0100 |
| 241) | ZYH474 | 850 | 1/0.25 | R. Caraiba, Senhor do Benfim, BA |
| 242) | ZYH599 | 850 | 5/1 | R. Iracema, Juazeiro do Norte, CE |
| 243) | ZYI555 | 850 | 1/0.25 | R. Tocantins, Cametá, PA |
| 244) | | 850 | 1/0.25 | Ita Négocios e Participacões, Itaituba, PA |
| 245) | ZYK644 | 850 | 1/0.25 | R. Jornal, Rio Claro, SP |
| 246) | ZYH592 | 860 | 10/0.25 | R. Cidade de Fortaleza, Maranguape, CE |
| 247) | ZYJ459 | 860 | 100 | R. Mundial, Rio de Janeiro, RJ: b |
| 248) | ZYK288 | 860 | 10/0.25 | R. Guarathan, Santa Maria, RS: a |
| 249) | ZYH245 | 870 | 5/1 | R. Educadora Sampaio, Palmeira dos Indios, AL |
| 250) | ZYH457 | 870 | 1/0.25 | R. Clube, Itabuna, BA |
| 251) | ZYH591 | 870 | 1/0.25 | R. Iracema, Iguatú, CE |
| 252) | ZYK569 | 870 | 5/1 | R. Central, Campinas, SP |
| 253) | ZYK762 | °870 | 1/0.25 | R. Araguaia, Araguaína, GO |
| 254) | ZYK249 | 880 | 25/2.5 | R. Itaí, Porto Alegre, RS: a |
| 255) | ZYL250 | °880 | 100/50 | R. Inconfidencia, Belo Horizonte, MG: a |
| 256) | ZYK690 | °890 | 25/10 | R. Gazeta, São Paulo, SP: a |
| 257) | ZYK215 | 890 | 5/0.25 | R. Dif. Bento Gonçalves, SP: c |
| 258) | ZYH706 | 890 | 10 | R. Planalto, Brasilia, DF: b |
| 259) | ZYH890 | 890 | 1/0.25 | R. Imperatriz, MA |
| 260) | ZYI772 | 890 | 20/10 | R. Tamandaré, Recife, PE: a |
| 261) | ZYJ755 | 890 | 1/0.25 | R. Emiss. Santa Catarina, Florianópolis, SC: c |
| 262) | | 890 | 1/0.25 | R. Ampla, Pato Branco, PR |
| 263) | ZYK303 | 900 | 1/0.25 | R. Municipal, São Pedro do Sul, RS |
| 264) | ZYK511 | °900 | 5/0.25 | R. Dif. Presidente Prudente, SP |
| 265) | ZYK664 | 900 | 10/0.25 | R. Brasil Novo, São José de Rio Preto, SP |
| 266) | ZYK211 | 900 | 2.5/ 0.25 | Fundação Cultural de Aratiba, RS: b |
| 267) | ZYJ454 | °900 | 50/10 | R. Tamoio, Rio de Janeiro, RJ: a |
| 268) | ZYJ591 | 900 | 10 | R. Nordeste, Natal, RN: b |
| 269) | ZYJ672 | 900 | 1/0.25 | R. Alvorada de Rondônia, Ji Parana, RO |
| 270) | ZYJ272 | 900 | 1/0.25 | R. Emiss. Santana, Ponta Grossa, PR: c |
| 271) | ZYJ295 | 900 | 5/0.25 | R. União, Toledo, PR |
| 272) | ZYK263 | 900 | 5/0.5 | R. Progresso, Nôvo Hamburgo, RS |
| 273) | | 900 | 1/0.25 | R. Andradas, MG |
| 274) | ZYI785 | 910 | 5/1 | R. Libertade, Caruaru, PE: b |
| 275) | ZYK536 | 910 | 5/0.25 | R. Alvorada, Piracicaba, SP: b |
| 276) | ZYL292 | 910 | 1/0.25 | R. Teofilo Otoni, MG |
| 277) | | 920 | 10/5 | R. Globo, Salvador, BA |
| 278) | ZYI895 | 920 | 1/0.25 | R. Difusora, Picos, PI |
| 279) | ZYJ600 | 920 | 1/0.25 | R. Currais Novos, RN |
| 280) | ZYK584 | 920 | 5/0.25 | R. Franco do Imperador, França, SP |
| 281) | ZYL276 | 920 | 5/0.25 | R. Mineira do Sul, Passa Quatro, MG |
| 282) | ZYI207 | 920 | 5/0.25 | R. Cultura Linhares, ES |
| 283) | ZYK348 | 920 | 5/0.25 | R. Tramandaí, RS |
| 284) | ZYJ808 | 920 | 1/0.25 | R. Cidade, Brusque, SC |
| 285) | | 930 | 1/0.25 | R. Ajuricaba, Manaus, AM |
| 286) | ZYI600 | 930 | 1/0.25 | R. Rauland, Castanhal, PA |
| 287) | ZYI423 | °930 | 1/0.25 | R. Clube, Rondonópolis, MT |
| 288) | ZYJ227 | 930 | 1/0.25 | R. Cultura, Rolândia, PR |
| 289) | ZYJ232 | 930 | 10/1 | R. Cultura, Curitiba, PR |
| 290) | ZYL220 | 930 | 1/0.25 | R. Clube, Campo Belo, MG |
| 291) | ZYK230 | 930 | 20/2.5 | R. Cultura, Caxias do Sul, RS |
| 292) | ZYL229 | 930 | 5 | R. Araguari, MG |
| 293) | ZYJ923 | 930 | 20/5 | R. Liberdade de Sergipe, SE |
| 294) | ZYK713 | 930 | 5/0.25 | R. Universal, Agudos, SP |
| 295) | ZYK500 | 930 | 1/0.25 | R. Dinamica, Santa Fé do Sul, SP |
| 296) | ZYK503 | 930 | 1/0.25 | R. Clube, Itapira, SP: a |
| 297) | ZYK652 | 930 | 25/0.5 | R. Cultura, São Vicente, SP |
| 298) | | 930 | 1/0.25 | R. Jóia, Adamantina, SP |
| 299) | ZYH605 | 930 | 1/0.25 | R. Salamanca, Barbalha, CE |
| 300) | ZYK298 | 930 | 10/0.25 | R. Santo Angelo, RS |
| 301) | ZYJ453 | °940 | 100 | R. Jornal do Brasil, Rio de Janeiro, RJ: c |
| 302) | | r°940 | 1/0.25 | R. Fundacão Verde, Cruzeiro do Sul, AC |
| 303) | ZYL212 | 950 | 5/1 | R. Atalaia, Belo Horizonte, MG: a |
| 304) | ZYL281 | 950 | 5/1 | R. Jornal de Minas, Bueno Brandão, MG |
| 305) | ZYH593 | 950 | 5/1 | R. Educ. Nordeste, Sobral, CE |
| 306) | ZYI782 | 950 | 1/0.25 | R. Planalto, Carpina, PE |
| 307) | ZYH764 | 960 | 1/0.25 | R. Dif. Itumbiara, GO |
| 308) | ZYJ733 | 960 | 1/0.25 | R. Guaruja, Orleas, SC |
| 309) | ZYK291 | 960 | 10/1 | R. Imenbui, Santa Maria, RS: b |
| 310) | ZYK689 | 960 | 50/10 | R. São Paulo: a |
| 311) | ZYH241 | °960 | 10 | R. Dif. Alagoas, Maceió, AL: b |
| 312) | ZYJ257 | 960 | 1/0.25 | R. Difusora, Maringá, PR |
| 313) | ZYJ260 | °970 | 5/1 | R. Alvorada, Londrina, PR |
| 314) | ZYK201 | °970 | 10 | R. Caiçara, Porto Alegre, RS: a |
| 315) | ZYK684 | 970 | 1/0.25 | R. Hertz, Franca, SP |
| 316) | ZYH451 | °970 | 10/5 | R. Sociedade, Feira de Santana, BA: b |
| 317) | ZYH612 | 970 | 1/0.25 | R. Uirapuru, Quixada, CE |
| 318) | ZYK529 | 970 | 1/0.25 | R. Piratininga, São João de Boa Vista, SP |
| 319) | | 970 | 2.5/ 0.25 | R. Alvorada, Estrela D'Oeste, SP |
| 320) | ZYJ730 | 970 | 1/0.25 | R. Araguaia, Brusque, SC |

| | Call | kHz | kW | Name, location and h. of tr. |
|---|---|---|---|---|
| 321) | ZYK505 | 970 | 2/0.25 | R. Difusora, Itapetininga, SP: c |
| 322) | ZYL321 | 970 | 1/0.25 | R. Central, Monte Alegre de Minas, MG |
| 322x) | ZYL243 | 970 | 2/0.25 | R. Sociedade, Caratinga, MG |
| 323) | ZYL285 | 970 | 1/0.25 | R. São João del Rei, MG |
| 324) | ZYH707 | °980 | 300/50 | R. Nacional, Brasilia, DF: a |
| 325) | ZYJ461 | 990 | 100/10 | R. Ipanema, Rio de Janeiro, RJ: c |
| 326) | | 990 | 1/0.25 | R. Alvorada de Teixera de Freitas, Caravelas, BA |
| 327) | ZYJ596 | 990 | 5/1 | R. Rural, Mossoró, RN: a |
| 328) | | 990 | 1/0.25 | Rede Amazonense de Comunicacões, Maués, AM |
| 329) | ZYK522 | °1000 | 100 | R. Record, São Paulo, SP: a |
| 330) | ZYJ263 | °1010 | 25/5 | R. Celinauta, Pato Branco, PR |
| 331) | ZYL264 | 1010 | 5/0.5 | R. Sociedade, Juiz de Fora, MG |
| 332) | ZYH448 | °1010 | 20/10 | R. Bahia, Salvador, BA: c |
| 333) | ZYK556 | 1010 | 1/0.25 | R. Independente, Barretos, SP |
| 334) | ZYK681 | 1010 | 1/0.25 | R. Clube, Votuporanga, SP: c |
| 335) | ZYL325 | 1010 | 1/0.25 | R. Estância, Jacutinga, MG |
| 336) | ZYH625 | 1010 | 50 | R. O Pôvo, Fortaleza, CE: b |
| 337) | | 1020 | 1/0.25 | R. Serrana, Bento Gonçalves, RS |
| 338) | ZYI205 | 1020 | 5/2.5 | R. Dif. Colatina, MG |
| 339) | ZYJ244 | 1020 | 10/0.25 | R. Colombo do Parana, Curitiba, PR |
| 340) | ZYL230 | 1020 | 5/0.25 | R. Educ. Cel. Fabriciano, MG |
| 341) | ZYL230 | °1020 | 5/1 | R. Soc. Educ. Cariri, Crato, CE |
| 342) | ZYH247 | 1020 | 1/0.25 | R. Clube, Rio Largo, AL |
| 343) | ZYK240 | 1020 | 50 | R. União, São Leopoldo, RS: a |
| 344) | ZYK513 | 1020 | 5/0.25 | R. Bandeirantes, Cachoeira Paulista, SP |
| 345) | ZYK515 | 1020 | 5/0.25 | R. Cultura, Assis, SP: b |
| 346) | ZYK531 | °1020 | 1/0.25 | R. Educ. Limeira, SP |
| 347) | ZYJ240 | 1030 | 1/0.25 | R. Dif. Cruzeiro d'Oeste, PR |
| 348) | ZYJ271 | 1030 | 1/0.25 | R. Atalaia, Londrina, PR: a |
| 349) | ZYJ329 | 1030 | 1/0.25 | R. Dif. São Mateus do Sul, PR |
| 350) | ZYJ771 | 1030 | 5/1 | R. Princesa, Lages, SC |
| 351) | ZYJ467 | °1030 | 50 | R. Capital, Rio de Janeiro, RJ: a |
| 352) | ZYI775 | 1030 | 10/5 | R. Olinda, Recife, PE: b |
| 353) | ZYK525 | 1030 | 5/0.25 | R. Difusora, Franca, SP: a |
| 354) | ZYK602 | 1030 | 1/0.25 | R. Jauense, Jau, SP |
| 355) | ZYK606 | °1030 | 1/0.25 | Lins R. Clube, Lins, SP |
| 356) | ZYK253 | 1030 | 10/0.5 | R. Reporter, Ijui, RS: a |
| 357) | | 1030 | 1/0.25 | R. Progresso, Alta Floresta, MT |
| 358) | ZYH746 | 1030 | 10/2.5 | R. Cultura, Anápolis, GO |
| 359) | ZYK537 | °1040 | 200 | R. Capital, São Paulo, SP: a |
| 360) | ZYI203 | °1050 | 50 | R. Capixaba, Vitória, ES |
| 361) | ZYI676 | 1050 | 5 | R. Caturité, Campina Grande, PB: b |
| 362) | ZYJ497 | 1050 | 2/0.5 | R. Angra, Angra dos Reis, RJ |
| 363) | ZYK533 | 1050 | 5/0.25 | R. Educ. Piraciçaba, SP: c |
| 364) | ZYL236 | 1050 | 1/0.25 | R. Rural, Tupacîguara, MG |
| 365) | | 1050 | 1/0.25 | R. Verde Vale, Braco de Norte, SC |
| 366) | ZYI597 | °1060 | 5 | R. Tapuió, Mossoró, RN |
| 367) | ZYJ246 | 1060 | 10/0.25 | R. Paraná, Curitiba, PT |
| 368) | ZYK220 | 1060 | 5/0.25 | R. Camagua, RS |
| 370) | ZYK302 | 1060 | 1/0.25 | R. São Luiz Gonzega, RS |
| 371) | ZYL306 | 1060 | 5/0.25 | R. Itajubá, MG: c |
| 372) | ZYH460 | 1060 | 5/1 | R. Clube, Vitória da Conquista, BA: c |
| 373) | ZYL278 | 1060 | 25/5 | R. Grande Belo Horizonte, Pedro Leopoldo, MG |
| 374) | ZYJ306 | 1060 | 1/0.25 | R. Educacão, São Francisco Beltrão, PR |
| 375) | ZYJ495 | 1060 | 1/0.25 | R. Tropical, Miguel Pereira, RJ |
| 376) | ZYJ483 | 1070 | 1/0.25 | R. Cidade, Campos, RJ: a |
| 377) | ZYI673 | 1070 | 10/2.5 | Dif. R. Cajazeiros, PB: b |
| 378) | ZYK594 | 1070 | 1/0.25 | R. Anchieta, Itanhaém, SP: b |
| 379) | ZYK603 | 1070 | 1/0.25 | R. Piratininga, Jau, SP |
| 380) | | 1070 | 1/0.25 | R. Itapeti Paulista, São José dos Campos, SP |
| 381) | ZYL316 | 1070 | 1/0.25 | R. Rural, Muzambinho, MG |
| 382) | | 1080 | 1/0.25 | R. Fascinação, Itapetinga, BA |
| 383) | ZYK519 | 1080 | 1/0.25 | R. Assunção, Jales, SP |
| 384) | ZYK669 | 1080 | 5/0.5 | R. Clube, Sorocaba, SP: a |
| 385) | ZYK557 | 1080 | 1/0.25 | R. Difusora, Batatais, SP |
| 386) | ZYK280 | 1080 | 10 | R. Universidade, Porto Alegre, RS: c |
| 387) | ZYL251 | °1080 | 5/0.5 | R. Capital, Juiz de Fora, MG: a |
| 388) | ZYH708 | 1080 | 10/5 | R. Capital, Brasilia, DF: a |
| 389) | ZYI530 | 1080 | 10/5 | R. Guajará, Belém, PA |
| 390) | ZYJ245 | 1080 | 1/0.25 | R. Cultura Norte, Paranavaí, PR |
| 391) | ZYJ673 | 1080 | 1 | R. Eldorado, Porto Velho, RO |
| 392) | ZYJ759 | 1080 | 1/0.25 | R. Clube, Indaial, SC |
| 393) | ZYI784 | 1080 | 1/0.5 | R. Dif. Caruaru, PE |
| 394) | ZYJ261 | 1080 | 1/0.25 | R. Educ. Cornelio Procopio, PR |
| 395) | ZYJ201 | 1080 | 1/0.5 | R. Clube Pontagrossense, Ponta Grossa, PR |
| 396) | ZYK254 | 1080 | 1/0.25 | R. Marabá, Irai, RS |
| 397) | ZYK470 | 1080 | 10/0.25 | R. Subaé, Feira de Santana, BA |
| 398) | ZYL314 | 1080 | 1/0.25 | R. Emissora, Lago de Prata, MG |
| 399) | ZYK607 | 1080 | 1/0.25 | R. Alvorada, Lins, SP: b |
| 400) | ZYK704 | 1080 | 1/0.25 | R. Monumental, Aparecida, SP: c |
| 401) | ZYH349 | 1090 | 5/0.25 | R. Santa Cruz, Ilheus, BA |
| 402) | ZYI425 | 1090 | 10/2.5 | R. Celeste, Sinop, MT |
| 403) | ZYJ732 | 1090 | 1/0.25 | R. Colon, Joinville, SC |
| 404) | ZYJ468 | 1090 | 10 | R. Metropolitana, Rio de Janeiro, RJ: a |
| 405) | ZYJ592 | °1090 | 10 | R. Emiss. Natal, RN: b |
| 406) | ZYJ786 | 1090 | 1/0.25 | R. Tabajara, Tubarão, SC |
| 407) | ZYK239 | 1090 | 1/0.5 | R. Erechim, RS: b |
| 408) | ZYK341 | 1090 | 1/0.25 | R. Giruá, RS |
| 409) | ZYK609 | °1090 | 5/0.5 | R. Clube Marilia, SP: b |
| 410) | ZYK618 | 1090 | 1/0.25 | R. Cultura, Monte Alto, SP: a |
| 411) | ZYJ254 | 1090 | 1/0.25 | R. Dif. Colmeia, Campo Mourão, PR |
| 412) | ZYJ283 | 1090 | 1/0.25 | R. Vicente Palloti, Cel. Vivida, PR |
| 413) | ZYH758 | 1090 | 10/0.25 | R. Universal Goiânia, GO. |
| 414) | ZYK216 | 1090 | 5/0.25 | R. Cachoeira do Sul, RS |
| 415) | ZYK694 | °1100 | 150 | R. Globo de São Paulo, SP: a |
| 416) | ZYI786 | °1100 | 10 | R. Tabajara de Parnaiba, João Pessoa, PB: b |
| 417) | ZYJ253 | 1110 | 1/0.25 | R. Nova, São José dos Pinhais, PR |
| 418) | ZYJ471 | °1110 | 5 | R. Cultura, Campos, RJ: a |
| 419) | ZYK544 | 1110 | 1/0.25 | R. Luz, Araçatuba, SP: c |
| 420) | ZYK592 | 1110 | 1/0.25 | R. Ibitinga, SP |
| 421) | ZYK617 | 1110 | 1/0.25 | R. Cultura, Mogi Mirim, SP |
| 422) | ZYJ241 | 1110 | 10/0.25 | R. Paiquere, Londrina, PR: a |
| 423) | ZYJ746 | 1110 | 2.5/ 0.25 | R. Dif. Indio Condo, Chapecó, SC: a |
| 424) | ZYJ752 | 1110 | 1/0.5 | R. Cultura de Florianópolis, SC: c |
| 425) | ZYK306 | 1110 | 1/0.25 | R. Sociedade, Sobradinhos, RS |
| 426) | ZYK325 | 1110 | 2.5/ 0.25 | R. Cruzeiro do Sul, Itaqui, RS: c |
| 427) | ZYK257 | 1110 | 1/0.25 | R. Cultura, Jaguarão, RS |
| 428) | | 1110 | 1/0.25 | R. Difusora dos Inhumas, Tauá, CE |
| 429) | ZYL205 | 1110 | 1/0.25 | R. Planalto, Araguari, MG |
| 430) | ZYL267 | 1110 | 1 | R. Aurilândia, Nova Lima, MG |
| 431) | ZYI393 | 1110 | 1 | R. Ponta Pora, MS |
| 432) | ZYI427 | 1110 | 1/0.25 | R. Industrial, Varzea Grande, MT |
| 433) | ZYK274 | 1120 | 100/50 | R. Globo, Porto Alegre, RS: a |
| 434) | ZYI778 | 1120 | 1/0.25 | R. Mundial, Recife, PE: a |
| 435) | ZYK631 | 1120 | 1/0.25 | R. Emissora, Porto Feliz, SP |
| 436) | ZYK660 | 1120 | 1/0.25 | R. Clube, São José dos Campos, SP: a |
| 437) | ZYK671 | 1120 | 1/0.25 | R. Clube Imperial, Taquaritinga, SP |
| 438) | | 1120 | 1/0.25 | R. Serra, Boa Esperânça, MG |
| 439) | ZYH598 | 1120 | 1 | R. Tupinamba, Sobral, CE |
| 440) | ZYH769 | 1130 | 5/0.25 | Emiss. Sul Bahiana, Quirinópolis, GO |
| 441) | ZYH778 | 1130 | 5/0.25 | R. Primavera, Itapuranga, GO |
| 442) | ZYJ790 | 1130 | 5/0.25 | R. Princesa d'Oeste, Xanceré, SC: c |
| 443) | ZYK290 | 1130 | 5/1 | R. Medianeira, Santa Maria, RS |
| 325) | ZYJ460 | 1130 | 100/50 | R. Nacional, Rio de Janeiro, RJ: a |
| 444) | ZYI531 | °1130 | 10 | R. Marajoara, Belém, PA: a |
| 445) | ZYK676 | 1130 | 1/0.25 | R. Piratininga, Tupã, SP: c |
| 446) | ZYI783 | 1130 | 5/1 | R. Cultura do Nordeste, Caruarú, PE: a |
| 447) | ZYJ220 | 1130 | 1/0.25 | R. Castro, PR: a |
| 332) | ZYH449 | 1140 | 10 | R. Cultura da Bahia, Salvador, BA: b |
| 448) | ZYH607 | 1140 | 1/0.25 | R. Progresso, Russas, CE |
| 449) | ZYH751 | 1140 | 1/0.25 | R. Tapires, Formosa, GO: a |
| 450) | ZYJ748 | 1140 | 5/0.5 | R. Coroado, Curitibanos, SC |
| 451) | ZYK330 | 1140 | 1/0.25 | R. Butía, Butía, RS |
| 452) | ZYK555 | 1140 | 2/0.5 | R. Barretos, SP |

| | Call | kHz | kW | Name, location and h. of tr. |
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| 453) | ZYK645 | 1140 | 1/0.25 | R. Educação e Cultura, Rio Claro, SP: c |
| 454) | ZYL248 | 1140 | 1/0.25 | R. Difusora, Campanha, MG: b |
| 455) | ZYL253 | 1140 | 1/0.5 | R. Sociedade, Muriaé, MG |
| 456) | ZYL204 | 1140 | 1/0.25 | R. Minas, Divinópolis, MG |
| 457) | ZYK656 | 1150 | 10 | R. Difusora, São Paulo, SP: a |
| 458) | ZYL183 | 1150 | 20/5 | R. Tiradentes, Belo Horizonte, MG: a |
| 459) | ZYI891 | °1150 | 10/5 | R. Pioneira Teresina, PI |
| 460) | ZYI202 | 1160 | 20/10 | R. Espirito Santo, Vitória, ES: a |
| 461) | ZYI385 | °1160 | 10/5 | R. A Voz d'Oeste, Cuiabá, MT |
| 462) | ZYJ767 | 1160 | 1/0.25 | R. Difusora, Laguna, SC: c |
| 463) | ZYK242 | 1160 | 1/0.25 | R. Miriam, Farroupilha, RS |
| 464) | ZYK332 | 1160 | 1/0.25 | R. Dif. Alegretense, Alegrete, RS |
| 465) | ZYK245 | 1160 | 5/0.25 | R. Luz y Alegría, Frederico Westphalen, RS |
| 466) | ZYK273 | 1160 | 1/0.25 | R. Universidade Católica, Pelotas, RS |
| 467) | ZYK685 | 1160 | 1/0.25 | R. Clube, Mococa, SP |
| 468) | ZYK502 | 1160 | 1/0.5 | R. Pres. Wenceslau, SP |
| 469) | ZYK582 | 1160 | 1/0.25 | R. Difusora, Fernandópolis, SP |
| 470) | ZYK673 | 1160 | 1/0.25 | R. Cacique, Taubaté, SP |
| 471) | ZYK517 | °1160 | 5/0.25 | R. Cacique, Sorocaba, SP |
| 472) | ZYJ258 | 1160 | 1/0.25 | R. Clube/Capital, Londrina, PR |
| 473) | ZYJ741 | 1160 | 1/0.25 | R. Difusora, Blumenau, SC |
| 474) | ZYJ776 | 1160 | 1/0.25 | R. Dif. Colmeia, Porto União, SC |
| 475) | ZYI674 | 1160 | 1/0.5 | R. Sociedade, Campina Grande, PB |
| 476) | | 1170 | 1/0.25 | R. TV do Amazonas, Brasiléia, AC |
| 477) | ZYH284 | 1170 | 1/0.25 | R. Guaranópolis, Maués, AM |
| 478) | ZYK569 | 1170 | 10/5 | R. Educ. Campinas, SP: a |
| 479) | ZYJ273 | 1170 | 10 | R. Atalaia, Curitiba, PR: a |
| 480) | ZYK213 | 1170 | 5/1 | R. Dif. A Voz Bagé, RS: c |
| 481) | ZYK264 | 1170 | 1/0.25 | R. Osorio, RS |
| 482) | ZYK359 | 1170 | 10/0.25 | R. Uirapuru, Passo Fundo, RS |
| 483) | ZYJ598 | 1170 | 5 | R. Dif. Mossoró, RN |
| 484) | | 1170 | 1/0.25 | R. Difusora, Anori, AM |
| 485) | ZYJ237 | 1180 | 1/0.25 | R. Guaçu, Toledo, PR |
| 486) | ZYJ463 | 1180 | 50/10 | R. Eldorado, Rio de Janeiro, RJ: c |
| 487) | ZYH242 | 1180 | 5/0.25 | R. Correio de Sertão, Santana do Ipanema, AL |
| 488) | ZYH280 | °1180 | 10/2.5 | R. Dif. do Amazônas, AM |
| 489) | ZYH889 | °1180 | 10/5 | R. Ribamar, São Luiz, MA: 0745-0400 |
| 490) | ZYK307 | 1180 | 1/0.5 | R. Cristal, Soledade, RS |
| 491) | ZYH459 | 1190 | 10/1 | R. Juazeiro, BA |
| 492) | ZYJ594 | 1190 | 10/1 | R. Tropical, Natal, RN |
| 493) | ZYK729 | °1190 | 5/0.25 | R. 31 de Março, Santa Cruz das Palmeiras, SP |
| 494) | ZYL221 | °1190 | 10/1 | R. Guarani, Belo Horizonte, MG: a |
| 495) | | 1190 | 1/0.25 | R. Clube, São Domingos, SC |
| 496) | ZYJ309 | 1200 | 1/0.25 | R. Pontal, Nova Londrina, PR |
| 497) | ZYK520 | °1200 | 50/20 | R. Cultura, São Paulo, SP: 0900-0500 |
| 498) | ZYK238 | 1200 | 5/0.25 | R. Dif. Sulriograndense, Erechim, RS |
| 499) | ZYK342 | 1200 | 1/0.25 | R. Cotrisel, São Sepe, RS |
| 500) | ZYH585 | °1200 | 10 | Ceará R. Clube, Fortaleza, CE: b |
| 501) | ZYH482 | 1200 | 1/0.25 | R. Clube Rio de Ouro, Jacobina, BA |
| 502) | ZYK668 | °1210 | 5/0.25 | Emissora Vanguardia, Soroçaba, SP: c |
| 503) | ZYJ219 | °1210 | 10/5 | R. Universo, Curitiba, PR: a |
| 314) | ZYK202 | 1210 | 10/1 | R. Continental, Porto Alegre, RS: a |
| 504) | ZYK317 | 1210 | 2.5/1 | R. São Miguel, Uruguaiana, RS |
| 505) | ZYI200 | 1210 | 5/1 | R. Cachoeira do Itapemirim, Cachoeira, MG: a |
| 506) | ZYH452 | 1210 | 5/1 | R. Carioca, Feira de Santana, BA: b |
| 507) | ZYK545 | 1210 | 1/0.25 | R. Dif. Aracatuba, SP |
| 508) | ZYK550 | 1210 | 1/0.25 | R. Difusora, Assis, SP: a |
| 509) | ZYK558 | 1210 | 1/0.25 | Bauru R. Clube, SP |
| 510) | ZYK509 | 1210 | 1/0.25 | R. Jaboticabal, SP: 0730-2330 |
| 511) | ZYJ785 | 1210 | 1/0.25 | R. Santa Catarina, Tubarão, SC |
| 512) | ZYL305 | °1210 | 1/0.5 | R. Difusora, Uberlândia, MG: b |
| 513) | ZYL238 | °1210 | 1/0.5 | R. Clube, Vargînha, MG: 0900-0130 |
| 514) | ZYI893 | °1210 | 0.5 | R. Educadora Parnaiba, PI |
| 515) | ZYI786 | 1210 | 5/1 | R. Difusora Garunhuns, PE |
| 516) | ZYI458 | °1220 | 150 | R. Globo, Rio de Janeiro, RJ: a |
| 517) | ZYI670 | 1230 | 5/10 | R. Correio, João Pessoa, PB: a |
| 518) | | 1230 | 1/0.25 | R. Interior, Caxias, MA |
| 519) | ZYH756 | °1230 | 10/5 | R. Anhanguera, Goiânia, GO: c |
| 520) | ZYK736 | 1230 | 1/0.25 | R. Princesa d'Oeste, Campinas, SP |
| 521) | ZYK573 | 1230 | 1/0.25 | R. Cacique, Capão Bonito, SP |
| 522) | | 1230 | 10/1 | R. Guarema, São José, SC |
| 523) | ZYL296 | 1230 | 5/0.25 | R. Educadora Rio Doce, Governador Valadares, MG: a |
| 524) | ZYK653 | 1240 | 10/2.5 | R. Clube, Santos, SP |
| 525) | ZYI774 | 1240 | 5/1 | R. Capibaribe, Recife, PE: b |
| 526) | ZYJ810 | 1240 | 1/0.25 | R. Iracema, Cunha Pora, SC |
| 527) | ZYH761 | 1240 | 1/0.5 | R. Chevantes, Ipaperi, GO |
| 528) | ZYK200 | 1240 | 1/0.25 | R. Aparados da Serra, Bom Jesus, RS |
| 529) | ZYK251 | 1240 | 5/0.25 | R. Pioneira da União, Ibiruba, RS |
| 530) | ZYK463 | 1240 | 1/0.25 | R. Emissora, Alagoinhas, BA |
| 531) | | 1240 | 1/0.25 | R. São Jeronimo, RS |
| 532) | ZYK565 | 1240 | 1/0.25 | R. Municipalista, Botucatú, SP |
| 533) | ZYH748 | 1240 | 1/0.25 | R. Dif. São Patricio, Ceres, GO |
| 534) | ZYL213 | 1240 | 10/2.5 | R. América, Belo Horizonte MG: a (r.750) |
| 535) | ZYL303 | 1240 | 1/0.25 | R. Platina, Ituiutaba, MG |
| 536) | ZYI388 | 1240 | 5/0.25 | R. Dif. Campo Grande, MS |
| 537) | ZYJ211 | 1250 | 5/0.5 | R. Dif. Guarapuava, PR: a |
| 538) | ZYJ766 | 1250 | 5/0.25 | R. Cultura, Joinville, SC: b |
| 539) | ZYK272 | 1250 | 5/1 | Emissora Riograndense, Pelotas, RS: c |
| 540) | ZYL282 | °1250 | 5 | R. Difusora Poços de Caldas, MG: c |
| 541) | ZYJ925 | 1250 | 10 | R. Esperanza, Estância, SE |
| 542) | ZYJ280 | 1250 | 1/0.25 | R. Matelândia, PR |
| 543) | ZYJ233 | 1250 | 1/0.25 | R. Paranavaí, PR: a |
| 544) | ZYJ313 | 1250 | 1/0.25 | R. Danubio Azul, Santa Isabel d'Oeste, PR |
| 545) | ZYJ763 | 1250 | 1/0.25 | R. Itapiranga, SC |
| 546) | ZYK233 | 1250 | 10/0.25 | R. Difusora Caxias do Sul, RS |
| 547) | ZYI394 | 1250 | 1/0.25 | R. Dif. Três Lagoas, MS: a |
| 548) | ZYH284 | °1250 | 1/0.25 | R. Educação Rural, Coari, AM |
| 549) | ZYH549 | 1250 | 1 | R. Educ. Crateus, CE |
| 550) | ZYH702 | 1250 | 5/0.5 | R. Universal, Caçapava, SP |
| 551) | ZYI412 | 1250 | 5/0.25 | R. Caiuás, Dourados, MS |
| 552) | ZYK327 | 1260 | 5/0.25 | R. Emissora Fandango, Cachoeira do Sul, RS |
| 553) | ZYK688 | 1260 | 50/10 | R. Mulher, São Paulo, SP: a |
| 554) | ZYH242 | 1260 | 10/5 | R. Gazeta de Alagoas, Maceió, AL: b |
| 555) | ZYJ740 | 1260 | 5/0.25 | R. Blumenau, SC |
| 556) | ZYJ670 | °1260 | 5 | R. Educ. Guajara Mirim, RO |
| 557) | ZYK204 | 1260 | 5/0.25 | R. Cultura, São Borja, RS |
| 558) | ZYK345 | 1260 | 1/0.25 | R. Guarama, RS |
| 559) | ZYH596 | 1260 | 1/0.25 | R. Vale do Jaquaribe, Limoeiro do Norte, CE |
| 560) | ZYH753 | °1270 | 50 | R. Brasil Central, Goiânia, GO: a |
| 561) | ZYJ593 | °1270 | 10/1 | R. Poti, Natal, RN: b |
| 562) | ZYJ226 | 1270 | 1/0.25 | R. Dif. Platinense, Santo Antônio da Platina, PR |
| 563) | ZYJ236 | 1270 | 10/1 | R. Capital, Curitiba, PR: b |
| 564) | ZYJ289 | 1270 | 5/0.25 | R. Independencia, Cascavel, PR |
| 565) | ZYJ768 | 1270 | 1/0.25 | R. Garibaldi, Laguna, SC |
| 566) | ZYL227 | 1270 | 5/0.25 | R. Carijos, Cons. Lafayette, MG: c |
| 567) | ZYL327 | 1270 | 5/1 | R. Vanguardia do Vale do Aco, Ipatinga, MG |
| 568) | ZYK250 | 1270 | 10/0.25 | R. Vera Cruz, Horizontina, RS |
| 569) | ZYK301 | 1270 | 1/0.25 | R. São Lourenço do Sul, RS |
| 570) | ZYK640 | 1270 | 2/0.5 | R. Brasiliense, Ribeirão Preto, SP: c |
| 571) | ZYJ474 | 1270 | 5/0.5 | R. Difusora Campos, RJ: a |
| 572) | ZYK678 | °1270 | 5/0.25 | R. Brasil, Valinhos, SP: b |
| 573) | ZYJ222 | 1270 | 1/0.25 | R. Atual Giraça, Mandaguari, PR |
| 574) | ZYK320 | 1270 | 1/0.25 | R. Venâncio Aires, RS |
| 575) | ZYK282 | °1270 | 1 | R. Educ. Rural, Tefé, AM |
| 576) | ZYJ765 | 1270 | 5/0.25 | R. Sociedade, Joaçaba, SC |
| 267) | ZYH455 | 1280 | 200 | R. Tupi, Rio de Janeiro, RJ: a |
| 578) | ZYH888 | °1290 | 10 | R. Timbira, São Luiz, MA: a |
| 579) | ZYK663 | 1290 | 5/1 | R. Clube Fronteira, São José do Rio Preto, SP: b |
| 580) | ZYH745 | °1290 | 5/0.5 | R. Carajá, Anápolis, GO |

| | Call | kHz | kW | Name, location and h. of tr. |
|---|---|---|---|---|
| 581) | ZYH286 | °1290 | 5/2.5 | R. Rio Mar, Manaus, AM: c |
| 582) | ZYH450 | 1290 | 10/1 | R. Clube de Salvador, BA |
| 583) | ZYJ804 | 1290 | 5/1 | R. Camboriú, Balneário de Camboriú, SC: a |
| 584) | ZYL304 | 1290 | 1/0.25 | R. Juriti, Paracatú, MG |
| 585) | ZYK585 | °1300 | 10 | R. Iraçema, Fortaleza, CE: b |
| 586) | ZYK633 | 1300 | 5/0.25 | R. Presidente Prudente, SP: b |
| 314) | ZYK203 | 1300 | 10 | R. Eldorado do Rio Grande do Sul, Esteio, RS: a |
| 587) | ZYI386 | °1300 | 5 | R. Cultura, Cuiabá, MT: a |
| 588) | | 1300 | 1/0.25 | R. Comanché, São Lourenço da Mata, PE |
| 589) | ZYJ235 | 1300 | 10/0.25 | Soc. R. Princesa, Francisco Beltrão, PR: 0830-0230 |
| 590) | ZYJ274 | 1300 | 1 | R. Atalaia, Maringá, PR: a |
| 591) | ZYJ278 | 1300 | 1/0.25 | R. Vila Velha, Ponta Grossa, PR |
| 592) | ZYK337 | 1300 | 1/0.25 | R. Regional, Santo Cristo, RS |
| 593) | ZYK535 | 1300 | 10/1 | R. Diario do Grande ABC, São Bernardo do Campo, SP |
| 594) | ZYK726 | 1300 | 1/0.25 | R. Parana Panema, Piraju, SP |
| 595) | ZYL219 | 1230 | 1/0.25 | R. Cancela, Ituiutaba, MG |
| 596) | ZYH454 | 1310 | 5/0.25 | R. Bahiana, Ilheus, BA |
| 597) | ZYH602 | 1310 | 1 | R. Progresso, Juazeiro do Norte, CE |
| 598) | ZYK596 | 1310 | 2/1 | R. Difusora, Itápolis, SP |
| 599) | ZYJ255 | 1320 | 1 | R. Globo, Curitiba, PR: a |
| 600) | ZYK271 | 1320 | 5/1 | R. Cultura, Pelotas, RS |
| 601) | ZYJ475 | 1320 | 25/5 | R. Difusora Boas Novas, Petrópolis, RJ |
| 602) | ZYJ759 | °1320 | 5/2 | R. Clube, Goiânia, GO: a |
| 603) | ZYH597 | 1320 | 5 | R. Cidade, Sobral, CE |
| 604) | ZYK223 | 1320 | 1/0.25 | R. Clube, Canela, RS |
| 605) | ZYK266 | 1320 | 1/0.25 | R. Panambi, RS |
| 606) | ZYK630 | 1320 | 1/0.25 | R. Dif. Pirassununga, SP |
| 607) | ZYK675 | 1320 | 1/0.25 | R. Clube, Tupã, SP: a |
| 608) | ZYL319 | 1320 | 1/0.25 | R. Integração, Carmo do Paranaiba, MG |
| 609) | ZYJ310 | 1320 | 1/0.25 | R. Marajoara, Ibiporá, PR |
| 610) | ZYI531 | °1330 | 10/5 | R. Liberal, Belém, PA: a |
| 611) | ZYJ307 | 1330 | 5/0.25 | R. Independência, Medianeira, PR (n.1580) |
| 612) | ZYJ320 | 1330 | 5/0.25 | R. Educadora Inconfidência, Umuarama, PR |
| 613) | ZYJ739 | 1330 | 5/0.5 | R. Clube, Blumenau, SC |
| 614) | ZYJ749 | 1330 | 5/0.25 | R. Chapecó, SC |
| 615) | ZYH468 | 1330 | 1 | R. Difusora Serrinha, BA |
| 616) | ZYK566 | 1330 | 1 | R. Cultura Bragança Paulista, SP: c |
| 617) | ZYK541 | 1330 | 1 | R. Cultura Ribeirão Preto, SP |
| 618) | ZYJ264 | 1330 | 1/0.25 | R. Jaguariaiva, PR |
| 619) | ZYK236 | 1330 | 1/0.25 | R. Upacarai, Dom Pedrito, RS: c |
| 620) | ZYK260 | 1330 | 5/0.25 | R. Independência, Lajeado, RS |
| 621) | ZYH243 | 1340 | 1/0.25 | R. Progresso, Maceió, AL |
| 622) | ZYH886 | 1340 | 10 | R. São Luiz, MA: 0830-0300 |
| 623) | ZYI671 | 1340 | 50/1 | R. Arapuani, João Pessoa, PB |
| 624) | ZYK543 | 1340 | 5/0.5 | R. Cultura, Araçatuba, SP: b |
| 625) | ZYK615 | 1340 | 5/0.25 | R. Metropolitana, Mogi das Cruzes, SP |
| 626) | ZYJ249 | 1340 | 1/0.25 | R. Cultura, Arapongas, PR |
| 627) | ZYJ205 | 1340 | 2.5/0.25 | R. Rio Negro, PR: c |
| 628) | ZYK227 | 1340 | 10/1 | R. Metropole, Canoas, RS: a |
| 629) | ZYL241 | 1340 | 1/0.25 | R. Cultura, Itabirito, MG |
| 630) | ZYI380 | °1340 | 0.25 | R. Difusora Aquiduana, MS |
| 631) | ZYI675 | °1350 | 1 | R. Borborema, Campina Grande, PB |
| 632) | ZYH201 | 1350 | 5 | R. Capital, Rio Branco, AC |
| 633) | ZYH420 | °1350 | 5 | R. Equatorial, Macapá, AP |
| 634) | ZYL214 | °1350 | 10/5 | R. Cultura, Poços de Caldas, MG |
| 635) | ZYJ277 | 1350 | 5/0.25 | R. Difusora do Parana, Marechal Candido Rondon, PR |
| 636) | ZYJ745 | 1350 | 1/0.25 | R. Santa Catarina, Canoinhas, SC |
| 637) | ZYJ760 | 1350 | 1/0.25 | R. Vale do Itajai, SC |
| 638) | ZYK313 | 1350 | 1 | R. Dif. Três Passos, RS |
| 639) | ZYH469 | 1360 | 5/1 | R. Cultura Paulo Afonso, BA |
| 640) | ZYH620 | 1360 | 1/0.25 | R. Litoral, Cascavel, CE |
| 641) | ZYJ265 | 1360 | 10/0.25 | R. Pato Branco, PR: c |
| 642) | ZYJ464 | 1360 | 50/10 | R. Bandeirantes, Rio de Janeiro, RJ |
| 643) | ZYJ605 | 1360 | 1/0.25 | R. Ouro Branco, Currais Novos, RN |
| 644) | ZYK581 | 1360 | 5/1 | R. Cultura, Fernandópolis, SP |
| 645) | | 1360 | 1/0.25 | R. Regional, Dracena, SP |
| 646) | ZYI383 | 1360 | 2 | R. Difusora, Corumbá, MS |
| 647) | ZYI534 | °1360 | 5 | R. Educ. Rural, Santarem, PA: b |
| 648) | ZYK234 | 1360 | 5/0.25 | R. Sociedade, Cerro Largo, RS |
| 649) | ZYJ261 | 1360 | 1/0.25 | R. Alvorada, Maraú, RS: c |
| 650) | ZYK340 | 1360 | 1/0.25 | R. Gazeta, Santa Cruz do Sul, RS: c |
| 651) | ZYJ323 | 1360 | 1/0.25 | R. Humaita, Campo Mourão, PR |
| 652) | ZYJ267 | 1370 | 50/2 | R. Independência, Curitiba, PR: a |
| 653) | ZYJ782 | 1370 | 5/0.25 | R. Peperi, São Miguel do Oeste, SC |
| 654) | ZYH458 | 1370 | 5/1 | R. Difusora Sul Bahiana, Itabuna, BA: c |
| 655) | ZYI892 | °1370 | 1/0.25 | R. Difusora Teresina, PI: a |
| 656) | ZYK334 | 1370 | 1/0.25 | R. Gazeta, Alegrete, RS |
| 657) | ZYK541 | 1370 | 1/0.25 | R. Urubupungá, Andradina, SP |
| 658) | | 1370 | 1/0.25 | Bariri R. Clube, Bariri, SP |
| 659) | ZYK243 | 1370 | 5/0.25 | R. Mauá, Caxias do Sul, ES |
| 660) | ZYL257 | 1370 | 1/0.25 | R. Difusora Machado, MG |
| 661) | ZYL298 | 1370 | 1/0.25 | R. Sociedade, Ubã, MG |
| 662) | ZYL309 | 1380 | 5/0.25 | R. Veredes, Unaí, MG |
| 663) | | 1380 | 1/0.25 | R. Tocantins, Tucurui, PA |
| 664) | | °1380 | 1/0.25 | R. Difusora Mearim, Caxias, MA |
| 665) | ZYI773 | 1380 | 5/1 | R. Continental, Recife, PE: 0755-0335 |
| 666) | ZYJ314 | 1380 | 1/0.25 | R. Educadora, São João do Ivas, PR |
| 667) | ZYJ470 | 1380 | 5/1 | R. Dif. Campos, RJ: a |
| 668) | ZYH283 | °1380 | 1 | R. Alvorada, Parintins, AM |
| 669) | ZYK293 | 1380 | 1/0.25 | R. Cultura, Santana do Livramento, RS (n.1240) |
| 670) | ZYK350 | 1380 | 2.5/0.25 | R. Gazeta, Tapera, RS |
| 671) | ZYK616 | 1380 | 1/0.5 | R. Dif. Mogi Guaçu, SP: a |
| 672) | | 1380 | 1/0.25 | R. Difusora, Lençois Paulista, SP |
| 673) | | 1380 | 1/0.25 | R. Cidade, Itaiópolis, SC |
| 674) | ZYJ242 | 1390 | 10/1 | R. Cultura, Maringá, PR |
| 675) | ZYK209 | 1390 | 20 | R. Sucesso, RS |
| 676) | ZYI201 | 1390 | 10/0.5 | R. Cariacica AM, ES: c |
| 677) | | 1390 | 5/0.25 | R. Independência, Salto do Lontra, PR |
| 678) | ZYJ473 | 1390 | 5/0.5 | R. Sul Fluminense, Barra Mansa, RJ: a |
| 679) | ZYK343 | 1390 | 1 | R. Metropole, Crissiumal, RS |
| 680) | ZYK570 | 1390 | 5/0.25 | R. Cultura, Campinas, SP |
| 681) | ZYK574 | 1390 | 1/0.25 | R. Oceânia, Caraguatatuba, SP |
| 682) | ZYJ769 | 1390 | 1/0.25 | R. Araucária, Lages, SC |
| 683) | ZYL287 | °1390 | 2.5/0.5 | R. Sociedade, Uberaba, MG: c |
| 684) | ZYI535 | °1390 | 1/0.25 | R. Educadora Bragança, PA |
| 685) | ZYI788 | 1390 | 1 | R. Difusora Pesqueira, PE: c |
| 686) | ZYH480 | 1390 | 1/0.25 | R. Bom Jesus da Lapa, BA |
| 687) | ZYH200 | °1400 | 1 | R. Difusora Acreana, Rio Branco, AC |
| 688) | ZYJ462 | °1400 | 50/5 | R. Rio de Janeiro, RJ: 0700-0400 |
| 689) | ZYI677 | 1400 | 5/0.5 | R. Espinhares, Patos, PB |
| 690) | ZYJ299 | 1400 | 1/0.25 | R. Frontera d'Oeste, Terra Roxa, PR |
| 691) | ZYJ685 | 1400 | 1/0.25 | R. Educ. Laranjeiras do Sul, PR |
| 692) | ZYJ291 | 1400 | 1/0.25 | R. Alvorada do Sul, Reboucas, PR |
| 693) | ZYH754 | 1400 | 5 | R. Universitaria, Goiânia, GO |
| 694) | ZYK329 | 1400 | 1/0.25 | R. Intregração, Restinga Seca, RS |
| 695) | ZYK527 | 1400 | 1/0.25 | R. Difusora Lucélia, SP |
| 696) | ZYK658 | 1400 | 1/0.25 | R. Progresso, São Carlos, SP |
| 697) | ZYK247 | 1400 | 1/0.25 | R. Sideral, Getúlio Vargas, RS |
| 698) | ZYK682 | 1400 | 5/0.25 | R. Anchieta, São José do Rio Preto, SP: c |
| 699) | ZYJ256 | 1400 | 1/0.25 | R. Cruzeiro do Sul, Londrina, PR |
| 700) | ZYJ775 | 1400 | 1/0.25 | R. Entre Rios, Palmitos, SC |
| 701) | ZYK284 | 1410 | 1/0.25 | Emissora Minuani, Rio Grande, RS |
| 702) | ZYK294 | 1410 | 5/1 | R. Santa Rosa, RS: b |
| 703) | ZYK691 | 1410 | 50/10 | R. América, São Paulo, SP: a |
| 704) | ZYJ486 | 1410 | 1/0.25 | R. Itaperuna, RJ |
| 705) | ZYI382 | 1410 | 5/1 | R. Clube, Corumbá, MS |
| 706) | ZYK321 | 1410 | 1/0.25 | R. Veranense, Veranópolis, RS |
| 707) | ZYH467 | 1410 | 1/0.25 | R. São Gonçalo dos Campos, BA |

| | Call | kHz | kW | Name, location and h. of tr. |
|---|---|---|---|---|
| 708) | ZYI397 | 1420 | 1/0.25 | R. Difusora Cacique, Nova Andradina, MS |
| 709) | ZYJ269 | 1420 | 5/0.25 | R. Cultura, Umuarama, PR |
| 710) | ZYJ282 | 1420 | 1/0.25 | R. Educadora, Jacarézinho, PR |
| 711) | ZYJ334 | 1420 | 1/0.25 | R. Entre Rios, Santo Antônio do Sudoeste, PR |
| 712) | ZYJ330 | 1420 | 1/0.25 | R. Grande Lago, Santa Helena, PR |
| 713) | ZYJ754 | °1420 | 5/2.5 | R. Guarujá, Florianópolis, SC |
| 714) | ZYL237 | 1420 | 10/0.25 | R. Ibituruna, Governador Valadares, MG |
| 715) | ZYK597 | 1420 | 1/0.25 | R. Progresso, Itaiba, SP |
| 716) | ZYK601 | 1420 | 1/0.25 | R. Colorado, Jardinópolis, SP |
| 717) | ZYK612 | 1420 | 1/0.25 | R. Clube, Mirandópolis, SP |
| 718) | ZYK733 | 1420 | 1/0.25 | R. Nova São Manuel, São Manuel, SP |
| 719) | ZYK619 | 1420 | 1/0.25 | R. Dif. Monte Aprazivel, SP |
| 720) | ZYK674 | 1420 | 1/0.25 | R. Cultura, Taubaté, SP: b |
| 721) | ZYL207 | 1420 | 5/0.25 | Soc. R. Imbiara, Araxá, MG |
| 722) | ZYL286 | 1420 | 1/0.25 | R. Difusora, São João Nepumuceno, MG |
| 723) | ZYL288 | 1420 | 5/1 | R. Cultura, Sete Lagoas, MG: 0700-0300 |
| 724) | ZYL313 | 1420 | 1/0.25 | R. Montanhes, Botelhos, MG |
| 725) | ZYH763 | 1420 | 5/0.25 | R. Parnaiba, Itumbiara, GO |
| 726) | ZYK344 | 1420 | 1/0.25 | R. Central Missioneira, São Luis Gonzaga, RS: b |
| 727) | | 1420 | 1/0.25 | R. Ametista, Planalto, RS |
| 728) | ZYI536 | 1430 | 5/1 | R. Clube, Santarem, PA |
| 729) | ZYJ200 | °1430 | 50/10 | R. Clube Paranaense, Curitiba, PR: a |
| 730) | ZYJ604 | 1430 | 5/0.5 | R. Libertadora, Mossoró, RN: 0730-0300 |
| 731) | ZYK244 | 1430 | 1/0.25 | R. São Roque, Faxinal do Soturno, RS |
| 732) | | 1430 | 1/0.25 | R. Excelsior, Gramado, RS |
| 733) | | 1430 | 1/0.25 | R. Cultura, Canguaçú, RS |
| 734) | ZYK666 | 1430 | 1/0.25 | R. Transmisora, Serra Negra, SP |
| 735) | ZYL239 | 1430 | 1/0.25 | R. Clube, Guaxupe, MG |
| 736) | ZYL252 | 1430 | 1/0.25 | R. Educadora de Ubã, Ubã, MG |
| 737) | ZYL265 | 1430 | 1/0.25 | R. Difusora, Nanuque, MG |
| 738) | ZYJ671 | °1430 | 1/0.5 | R. Caiari, Porto Velho, RO |
| 739) | ZYH465 | 1440 | 5/0.25 | R. Jornal, Itapetinga, BA |
| 740) | ZYJ469 | 1440 | 20/5 | R. América de Guanabara, Rio de Janeiro, RJ: a |
| 741) | ZYK634 | 1440 | 5/0.25 | R. Comercial, Presidente Prudente, SP |
| 742) | ZYJ250 | 1440 | 5/0.25 | R. Colmeia, Cascavel, PR: a |
| 743) | ZYH603 | 1440 | 10/1 | R. Araripe, Crato, CE |
| 744) | ZYK206 | 1440 | 1/0.25 | R. América do Rio Grande do Sul, Montenegro, RS |
| 745) | ZYK221 | 1440 | 1/0.25 | R. Ceres, Campo Real, RS: 0900-0200 |
| 746) | ZYK316 | 1440 | 1/0.25 | R. Charrua, Uruguaiana, RS |
| 747) | | 1440 | 1/0.25 | R. Azul Celeste, Americana, SP |
| 748) | ZYJ744 | 1440 | 1/0.25 | R. Cultura, Campos Novos, SC |
| 749) | ZYJ782 | 1440 | 1/0.25 | R. Difusora, Maravilha, SC |
| 750) | | 1440 | 1/0.25 | R. Bela Vista, MS |
| 751) | ZYH285 | °1440 | 5 | R. Baré, Manaus, AM |
| 752) | ZYH788 | 1450 | 1/0.25 | R. Vale de Serra, São Luis de Montes Belos, GO |
| 753) | ZYJ317 | 1450 | 1/0.25 | R. Rainha d'Oeste, Altônia, PR |
| 754) | ZYK587 | 1450 | 1/0.25 | R. Difusora, Guararapes, SP |
| 755) | ZYK591 | 1450 | 1/0.25 | R. Boa Nova, Guarulhos, SP: a |
| 756) | ZYK621 | 1450 | 1/0.25 | Orlândia R. Clube, Orlândia, SP |
| 757) | ZYK657 | °1450 | 1/0.25 | R. São Carlos, SP |
| 758) | ZYK708 | 1450 | 1/0.25 | R. Registro, Serrote Registro, SP |
| 759) | ZYJ225 | 1450 | 1/0.25 | R. Monte Alegre, Telemaco Borba, PR |
| 760) | ZYH891 | 1450 | 1/0.25 | R. Interior, Pinheiro, MA |
| 761) | | 1450 | 1/0.25 | R. Cultura, Pedreiras, MA |
| 762) | ZYI1794 | 1450 | 1/0.25 | R. Cultura, Palmares, PE |
| 763) | ZYJ279 | 1450 | 1/0.25 | R. Cambiuna, Bandeirantes, PR |
| 764) | ZYL249 | 1450 | 1/0.25 | R. Cultura Globo, João Monlevade, MG: a |
| 765) | ZYL312 | 1450 | 1/0.25 | R. Diamante, Coromandel, MG |
| 766) | ZYI417 | 1450 | 1/0.25 | R. Dif. Rio Brilhante, MS |
| 767) | ZYJ243 | 1450 | 1/0.25 | R. Jornal, Maringá, PR: 24h |
| 768) | ZYJ301 | 1450 | 1/0.25 | R. Dif. Ubirata, PR |
| 769) | | 1450 | 1/0.25 | R. Roraima, Caracarai, RR |
| 770) | ZYJ737 | 1450 | 1/0.25 | R. Intregação d'Oeste, São José de Cedro, SC |
| 771) | ZYK232 | 1450 | 1/0.25 | R. Caiçara, Caxias do Sul, RS: a |
| 772) | ZYJ802 | 1450 | 1/0.25 | R. São Bento, SC |
| 773) | ZYJ810 | 1450 | 1/0.25 | R. Iracema, Cunha Porã, SC |
| 774) | ZYK346 | 1450 | 1/0.25 | R. Cassino, Rio Grande, RS: a |
| 775) | ZYJ503 | 1450 | 1/0.25 | R. Feliz, Santo Antônio da Pádua, RJ |
| 776) | | 1450 | 1/0.25 | R. Vilhena, RO |
| 777) | ZYJ480 | 1450 | 1/0.25 | R. Comercio, Barra Mansa, RJ: a |
| 778) | ZYH601 | 1450 | 1/0.25 | R. Difusora Cristal, Quixeramobim, CE |
| 779) | ZYJ200 | °1450 | 1/0.25 | R. Difusora Cáceres, MT: b |
| 780) | ZYL201 | 1450 | 1/0.25 | R. Cultura, Além Paraiba, MG |
| 781) | ZYL250 | 1450 | 1/0.25 | R. Santa Cruz, Jequitinonha, MG |
| 782) | ZYL266 | 1450 | 1/0.25 | R. Clube, Nepomuceno, MG |
| 783) | ZYK259 | 1450 | 1/0.25 | R. Jaguari, RS: 0900-2335 |
| 784) | ZYH623 | 1450 | 1/0.25 | R. Pinto Martins, Camocim, CE |
| 785) | | 1450 | 1/0.25 | R. Sociedade, Acopiara, CE |
| 786) | ZYJ317 | 1450 | 1/0.25 | R. Rainha d'Oeste, Altônia, PR |
| 787) | ZYI681 | 1460 | 1/0.25 | R. Jornal, Souza, PB |
| 788) | | 1460 | 1/0.25 | R. Cultura, Amarante, PI |
| 789) | | 1460 | 1/0.25 | R. Alvorada do Sertão, São José do Piaui, PI |
| 790) | ZYH749 | 1460 | 1/0.25 | R. Educadora, Uruaçú, GO |
| 791) | ZYH766 | 1460 | 5/0.25 | R. Morrinhos, GO |
| 792) | ZYH774 | 1460 | 1/0.25 | R. Independência, Paraíso do Norte, GO |
| 793) | ZYH616 | 1460 | 1/0.25 | R. Uirapuru, Morada Nova, CE |
| 794) | ZYH618 | 1460 | 1/0.25 | R. Cultura, Tauá, CE |
| 795) | ZYK608 | 1460 | 1/0.25 | R. Cultura, Lorena, SP |
| 796) | ZYK700 | 1460 | 1/0.25 | R. Oito de Agosto, Votuporanga, SP |
| 797) | ZYK516 | 1460 | 1/0.25 | R. Clube, Oswaldo Cruz, SP |
| 798) | ZYK707 | 1460 | 1/0.25 | R. Universal, São Roque, SP |
| 799) | ZYJ204 | 1460 | 1/0.25 | R. Dif. Paranagua, PR |
| 800) | ZYJ206 | 1460 | 1/0.25 | R. Difusora, Jacarezinho, PR |
| 801) | ZYJ228 | 1460 | 1/0.25 | R. Central Paraná, Ponta Grossa, PR: a |
| 802) | ZYJ311 | 1460 | 1/0.25 | R. Luz, Clevelândia, PR |
| 803) | ZYJ251 | 1460 | 1/0.25 | R. Cultura, Apucarana, PR |
| 804) | ZYJ308 | 1460 | 1/0.25 | R. Amperé, PR |
| 805) | ZYK219 | 1460 | 1/0.25 | R. Maristela, Torres, RS |
| 806) | ZYK312 | 1460 | 1/0.25 | R. Colonial, Trés de Maio, RS |
| 807) | ZYJ756 | 1460 | 1/0.25 | R. Sentinela do Vale, Gaspar, SC |
| 808) | ZYH472 | 1460 | 1/0.25 | R. Bahiana de Jequé, BA |
| 809) | ZYH473 | 1460 | 1/0.25 | R. Jornal Eunápolis, BA |
| 810) | ZYJ297 | 1460 | 1/0.25 | R. Guaíra, PR |
| 811) | ZYJ675 | 1460 | 1/0.25 | R. Ariquemes, RO |
| 812) | ZYI395 | °1460 | 1/0.25 | R. Emissora Aruana, Barra do Garças, MT |
| 813) | | 1470 | 1/0.25 | R. Itaporã, MS |
| 814) | | 1470 | 1/0.25 | R. Difusora Vale do Uruçui, Uruçui, PI |
| 815) | ZYJ294 | 1470 | 1/0.25 | R. Novo Horizonte, Ibati, PR |
| 816) | ZYJ304 | 1470 | 1/0.25 | R. Jornal, Assis Chateaubriand, PR |
| 817) | ZYJ481 | 1470 | 1/0.25 | R. Difusora Vale do Paraíba, Barra do Paraí, RJ |
| 818) | ZYJ476 | 1470 | 1/0.25 | R. Jornal Fluminense, Campos, RJ: b |
| 819) | ZYK324 | 1470 | 1/0.25 | R. Cinderela, Campo Bom, RS |
| 820) | ZYK600 | 1470 | 1/0.25 | R. Cultura, Jales, SP: a |
| 821) | ZYK632 | 1470 | 1/0.25 | R. Primavera, Porto Ferreira, SP |
| 822) | ZYK510 | 1470 | 1/0.25 | R. Verinha Marilia, SP: b |
| 823) | ZYK586 | 1470 | 1/0.25 | R. Cultura, Guaira, SP |
| 824) | ZYK559 | 1470 | 1/0.25 | R. Clube, Jacareí, SP |
| 825) | ZYJ774 | 1470 | 1/0.25 | R. Emiss. São José, Mafra, SC |
| 826) | ZYJ781 | 1470 | 1/0.25 | R. Jornal Verdade, São José, SC: a |
| 827) | ZYH773 | 1470 | 1/0.25 | R. Dif. Serra dos Cristais, GO |
| 828) | ZYK712 | 1470 | 1/0.25 | R. Jornal, Indaiatuba, SP |
| 829) | ZYL247 | 1470 | 1/0.25 | R. Dif. Ituiutaba, MG |
| 830) | | 1470 | 1/0.25 | R. Cidade, Araxá, MG |
| 831) | ZYJ327 | 1470 | 1/0.25 | R. Auriverde, Pitanga, PR |
| 832) | ZYJ798 | 1470 | 1/0.25 | R. Lider do Vale, Herval d'Oeste, SC |
| 833) | ZYK305 | 1470 | 1/0.25 | R. Sarandi, RS |
| 834) | ZYH779 | 1470 | 1/0.25 | R. Cidade, Goiás, GO |
| 835) | ZYJ673 | 1470 | 1/0.25 | R. Rondônia, Cacoal, RO |
| 836) | ZYH475 | 1480 | 1/0.25 | R. Bahiana, Itaberaba, BA |

| | Call | kHz | kW | Name, location and h. of tr. |
|---|---|---|---|---|
| 837) | | 1480 | 1/0.25 | R. Araripe, Campos Sales, CE |
| 838) | ZYI210 | 1480 | 1/0.25 | R. Cidade, Afonso Claudio, ES |
| 839) | ZYI393 | 1480 | 1/0.25 | R. A Voz da Caçula, Tres Lagoas, MS |
| 840) | ZYK551 | 1480 | 1/0.25 | R. Atibaia, SP: c |
| 841) | ZYK262 | 1480 | 1/0.25 | R. Marcelino, Ramas, RS |
| 842) | ZYK349 | | 1/0.25 | R. Celeiro, Humaitá, RS |
| 843) | ZYK539 | 1480 | 1/0.25 | R. Clube, Altinópolis, SP |
| 844) | ZYK562 | 1480 | 1/0.25 | R. Clube, Bilac, SP |
| 845) | ZYJ647 | 1480 | 1/0.25 | R. Difusora, Santa Cruz do Rio Pardo, SP |
| 846) | ZYJ230 | 1480 | 1/0.25 | R. Astorga, PR |
| 847) | ZYJ302 | 1480 | 1/0.25 | R. Cultura, Iporã, PR |
| 848) | ZYJ270 | 1480 | 1/0.25 | R. Educadora, União da Vitória, PR |
| 849) | ZYJ601 | 1480 | 1/0.25 | R. Princesa do Vale, Açu, RN |
| 850) | ZYJ790 | 1480 | 1/0.25 | R. A Voz do Sertão, Serra Talhada, PE |
| 851) | ZYH619 | 1480 | 1/0.25 | R. Rio das Garças, Acaraú, CE |
| 852) | ZYI399 | 1480 | 1/0.25 | R. Vale do Tarquari, Coxim, MS |
| 853) | ZYK246 | 1480 | 1/0.25 | R. Garibaldi, RS: a |
| 854) | ZYK314 | 1480 | 1/0.25 | R. Sociedade, Tupancireta, RS: c |
| 855) | ZYJ731 | 1480 | 1/0.25 | R. Difusora, Joinville, SC |
| 856) | ZYJ762 | 1480 | 1/0.25 | R. Dif. 26 de Abril, Imarui, SC |
| 857) | ZYH897 | 1480 | 1/0.25 | R. Itapecuru, Colinas, MA |
| 858) | | 1480 | 1/0.25 | R. Rio Balsas, Balsas, MA |
| 859) | ZYL235 | 1480 | 1/0.25 | R. Sociedade, Frutal, MG |
| 860) | ZYL307 | 1480 | 1/0.25 | R. Emboabas, Tirandentes, MG: 0700-0300 |
| 861) | | 1480 | 1/0.25 | R. Itabira, MG |
| 862) | ZYJ488 | 1480 | 1/0.25 | R. Solimões, Nova Iguaçu, RJ |
| 863) | | 1490 | 1/0.25 | R. Dif. Sertaneja, Brumado, BA |
| 864) | ZYI680 | 1490 | 1/0.25 | R. Maringá, Pombal, PB |
| 865) | ZYH478 | 1490 | 1/0.25 | R. Educadora, Ipiaú, BA |
| 866) | ZYJ217 | 1480 | 1/0.25 | R. Legendária, Lapa, PR |
| 867) | ZYK309 | 1490 | 1/0.25 | R. Taquara, RS |
| 868) | ZYK583 | 1490 | 1/0.25 | R. Educ. Rural, Fernandópolis, SP |
| 869) | ZYK530 | 1490 | 1/0.25 | R. Difusora, Olimpia, SP |
| 870) | ZYK650 | 1490 | 1/0.25 | R. Clube, Santo André, SP |
| 871) | ZYJ210 | 1490 | 1/0.25 | R. Cornelio Procópio, PR: b |
| 872) | ZYJ300 | 1490 | 1/0.25 | R. Educadora Marechal, Candido Rondón, PR |
| 873) | ZYI404 | 1490 | 1/0.25 | R. Paigaguas, Gloria de Dourados, MS |
| 874) | | 1490 | 1/0.25 | R. Emissora Reunidas, Poconé, MT |
| 875) | | 1490 | 1/0.25 | R. Educadora, Colider, MT |
| 876) | ZYK208 | 1490 | 1/0.25 | R. Assissense, São Francisco de Assis, RS |
| 877) | ZYK225 | 1490 | 1/0.25 | R. Sociedade, Canguaçu, RS |
| 878) | ZYJ490 | 1490 | 1/0.25 | R. Jornal, Rio Bonito, RJ |
| 879) | ZYJ757 | 1490 | 1/0.25 | R. Estadual, Ibirama, SC |
| 880) | ZYJ791 | 1490 | 1/0.25 | R. Cultura, Xaxim, SC |
| 881) | ZYH617 | 1490 | 1/0.25 | R. Cultura, Aracati, CE |
| 882) | ZYK246 | 1490 | 1/0.25 | R. Emiss. Rio São Francisco Penedo, AL |
| 883) | ZYH789 | 1490 | 1/0.25 | R. Sociedade, Vera Cruz, Goinésia, GO |
| 884) | ZYH892 | 1500 | 1/0.25 | R. Jainara, Bacabal, MA |
| 885) | | 1500 | 1/0.25 | R. Floresta, Tucuruí, PA |
| 886) | ZYI779 | 1500 | 1/0.25 | R. Pajeu de Educação Popular, Alogados de Ingazeira, PE |
| 887) | ZYJ336 | 1500 | 1/0.25 | R. Esperãnça, Prudentepolis, PR |
| 888) | ZYJ494 | 1500 | 1/0.25 | R. Nacional, Volta Redonda, RJ (n.947) |
| 889) | ZYK218 | 1500 | 1/0.25 | R. Caçapava do Sul, RS |
| 890) | ZYK626 | 1500 | 1/0.25 | R. Difusora, Pindamonhan, Gaba, SP: c |
| 891) | ZYK706 | 1500 | 1/0.25 | R. Vale do Rio Grande, Miquelópolis, SP |
| 892) | ZYK736 | °1500 | 1/0.25 | R. Iguatemi, Osasco, SP |
| 893) | ZYL215 | 1500 | 1/0.25 | R. Montanhesa, Viçosa, MG |
| 894) | ZYH615 | 1500 | 1/0.25 | R. Maciço, Baturité, CE |
| 895) | ZYK654 | 1510 | 1/0.25 | R. Cacique, Santos, SP: |
| 896) | ZYH608 | 1510 | 1/0.25 | R. Planalto de Ibiapaba, São Benedito, CE |
| 897) | ZYH771 | 1510 | 1/0.25 | R. Eldorado, Mineiros, GO |
| 898) | ZYH795 | 1510 | 1/0.25 | R. Centro Oeste, Pinhalzinho, SC |
| 899) | ZYI685 | 1510 | 1/0.25 | R. Educadora, Conceição, PB |
| 900) | | 1510 | 1/0.25 | R. Oriente Redenção, Conceição do Araguaia, PA |
| 901) | ZYI896 | 1510 | 1/0.25 | R. Progresso, Corrente, PI |
| 902) | ZYJ216 | 1510 | 1/0.25 | R. Educ. Venceslau Bras, PR |
| 903) | ZYJ215 | 1510 | 1/0.25 | R. Arapongas, PR |
| 904) | ZYJ764 | 1510 | 1/0.25 | R. Jaraguá do Sul, Jaraguá, SC |
| 905) | ZYJ770 | 1510 | 1/0.25 | R. Difusora, Lages, SC |
| 906) | ZYL259 | 1510 | 1/0.25 | R. Sociedade A Voz de Manhumirim, MG |
| 907) | ZYL206 | 1510 | 1/0.25 | R. Clube, Curvelo, MG |
| 908) | ZYH476 | 1510 | 1/0.25 | R. Educadora Santana, Caetité, BA |
| 909) | ZYK711 | 1510 | 1/0.25 | R. Vale do Rio Tieté, José Bonifácio, SP |
| 910) | ZYI396 | 1510 | 1/0.25 | R. Cidade, Maracajú, MS |
| 911) | ZYI391 | 1510 | 1/0.25 | R. Difusora, Paranaíba, MS |
| 912) | | 1510 | 1/0.25 | R. Jornal, Cáceres, MT |
| 913) | ZYL301 | 1510 | 1/0.25 | R. Sete Colinas, Uberaba, MG |
| 914) | ZYL216 | 1510 | 1/0.25 | R. Sociedade, Passos, MG |
| 915) | | 1510 | 1/0.25 | R. Oliveire, MG |
| 916) | | 1510 | 1/0.25 | R. Difusora Vale do Rio Unã, São Bento do Unã, PE |
| 917) | ZYJ484 | 1510 | 1/0.25 | R. Educadora Goitaça, Campos, RJ |
| 918) | ZYJ492 | 1510 | 1/0.25 | R. Teresópolis, RJ |
| 919) | ZYI894 | 1510 | 1/0.25 | R. Floriano, PI |
| 920) | ZYJ602 | 1510 | 1/0.25 | R. Centenário, Caraúbas, RN |
| 921) | ZYK770 | 1510 | 1/0.25 | R. Goiatuba, GO |
| 922) | | 1510 | 1/0.25 | R. Sociedade, Ceres, GO |
| 923) | | 1520 | 1/0.25 | R. Jornal, Amambai, MS |
| 924) | ZYJ806 | 1520 | 1/0.25 | R. Cultura, Timbó, SC |
| 925) | ZYK595 | 1520 | 1/0.25 | R. Clube, Itapeva, SP |
| 926) | ZYK614 | 1520 | 1/0.25 | R. Diario do Mogi, Mogi das Cruzes, SP |
| 927) | ZYK627 | 1520 | 1/0.25 | Pinhal R. Clube, Pinhal, SP |
| 928) | ZYK347 | 1520 | 1/0.25 | R. Maratan, Santana do Livramento, RS |
| 929) | ZYK326 | 1520 | 1/0.25 | R. Nonoai, RS |
| 930) | ZYJ743 | 1520 | 1/0.25 | R. Cacanjuré, Caçador, SC |
| 931) | ZYJ758 | 1520 | 1/0.25 | R. Difusora, Imbituba, SC |
| 932) | ZYL245 | 1520 | 1/0.25 | R. Clube, Itaúna, MG |
| 933) | ZYL300 | 1520 | 1/0.25 | R. Estância, São Lourenço, MG |
| 934) | ZYJ218 | 1520 | 1/0.25 | R. Antoniense, Antonina, PR |
| 935) | ZYJ292 | 1520 | 1/0.25 | R. Cultura Palotense, Palotina, PR |
| 936) | ZYJ491 | °1520 | 5/0.5 | R. Maua, Rio de Janeiro, RJ: a |
| 937) | | 1520 | 1/0.25 | R. Ribamar, Pindaré Mirim, MA |
| 938) | ZYK217 | 1520 | 1/0.25 | R. Vale do Jacuí, Cachoeira do Sul, RS |
| 939) | ZYJ287 | 1520 | 1/0.25 | R. Uba, Ivaiporã, PR |
| 940) | ZYL315 | 1520 | 1/0.25 | R. Pontal, Iturama, MG |
| 941) | ZYH772 | 1520 | 1/0.25 | R. Santalense, Santa Helena do Goiás, GO |
| 942) | ZYK308 | 1520 | 1/0.25 | R. Tapaense, Tapes, RS |
| 943) | ZYL208 | 1520 | 1/0.25 | R. Correio da Serra, Barbacena, MG |
| 944) | ZYL273 | 1520 | 1/0.25 | R. Uberlândia, MG |
| 945) | | 1520 | 1/0.25 | R. Guarantinga, Rio Verde do Mato Grosso, MG |
| 946) | ZYI781 | 1530 | 1/0.25 | R. Bituri, Bela Jardim, PE |
| 947) | | 1530 | 1/0.25 | R. Cultura, Diamantina, MG |
| 948) | ZYH479 | 1530 | 1/0.25 | R. Cultura, Guanambi, BA |
| 949) | ZYK683 | 1530 | 1/0.25 | R. Noticias, Tatui, SP |
| 950) | ZYJ202 | 1530 | 1/0.25 | R. Cultura, Cambará, PR |
| 951) | ZYJ203 | 1530 | 1/0.25 | R. União da Vitória, PR |
| 952) | ZYJ312 | 1530 | 1/0.25 | R. Clube, Realeza, PR |
| 953) | ZYJ502 | 1530 | 1/0.25 | R. Princesa do Norte, Miracema, RJ |
| 954) | ZYJ796 | 1530 | 1/0.25 | R. Porto Feliz, Mondai, SC |
| 955) | | 1530 | 1/0.25 | R Cultural do Araguaia, Jussara, GO |
| 956) | ZYJ761 | 1530 | 1/0.25 | R. Difusora Itajaí, SC: a |
| 957) | ZYK228 | 1530 | 1/0.25 | R. Cruz Alta, RS |
| 958) | ZYK235 | 1530 | 1/0.25 | R. Sulina, Dom Pedrito, RS |
| 959) | ZYL232 | 1530 | 1/0.25 | R. Cultura, Dores do Indaiá, MG |
| 960) | ZYL280 | 1530 | 1/0.25 | R. Clube, Pouso Alegre, MG |
| 961) | ZYH604 | 1530 | 1/0.25 | R. Educ. Jaquaribe, Limoeiro do Norte, CE |
| 962) | ZYK300 | 1530 | 1/0.25 | R. Progresso, São Leopoldo, RS |
| 963) | ZYJ603 | 1530 | 1/0.25 | R. Curimataú, Nova Cruz, RN |
| 964) | ZYJ321 | 1530 | 1/0.25 | R. Regional, Cianorte, PR |

| | Call | kHz | kW | Name, location and h. of tr. |
|---|---|---|---|---|
| 965) | ZYK304 | 1530 | 1/0.25 | R. Tapejara, RS |
| 966) | ZYK677 | 1530 | 1/0.25 | R. Brasil, Tupi Paulista, SP |
| 967) | ZYK709 | 1530 | 1/0.25 | R. Costa Azul, Ubatuba, SP |
| 968) | ZYJ780 | 1530 | 1/0.25 | R. Difusora, São Joaquim, SC |
| 969) | ZYK325 | 1530 | 1/0.25 | R. Itaqui, RS |
| 970) | ZYI398 | 1530 | 1/0.25 | R. Uberlim, Fátima do Sul, MS |
| 971) | ZYH462 | 1540 | 1/0.25 | R. Clube, Valença, BA |
| 972) | ZYH760 | 1540 | 1/0.25 | R. Jornal, Inhumas, GO: c |
| 973) | ZYK564 | 1540 | 1/0.25 | R. Emissora, Botucata, SP |
| 974) | ZYK723 | 1540 | 1/0.25 | R. Difusora Oeste, Osasco, SP: a |
| 975) | ZYL293 | 1540 | 1/0.25 | R. Tropical, Três Corações, MG |
| 976) | ZYJ276 | 1540 | 1/0.25 | R. Bom Jesus, Siqueira Campos, PR |
| 977) | ZYK265 | 1540 | 1/0.25 | R. Ji Paraná, RO |
| 978) | ZYJ611 | 1540 | 1/0.25 | R. Santana, Tianguá, CE |
| 979) | ZYJ803 | 1540 | 1/0.25 | R. Capinzal, SC |
| 980) | ZYK297 | 1540 | 1/0.25 | R. Santiago, RS |
| 981) | ZYJ773 | 1540 | 1/0.25 | R. Cruz de Malta, Lauro Müller, SC |
| 982) | ZYL226 | 1540 | 1/0.25 | R. Clube Minas Gerais, Conselheiro, Lafaiete, MG |
| 983) | ZYJ456 | 1540 | 1/0.25 | R. Três Rios, RJ |
| 984) | ZYH461 | 1530 | 1/0.25 | R. Regional, Vitória de Conquista, BA |
| 985) | ZYI684 | 1550 | 1/0.25 | R. Princesa Isabel, PB |
| 986) | | 1550 | 1/0.25 | R. Cidade, Auriflama, SP |
| 987) | ZYJ783 | 1550 | 1/0.25 | R. Clube, São José, Batista, SP |
| 988) | ZYK501 | 1550 | 1/0.25 | R. Clube, Itararé, SP |
| 989) | ZYK512 | 1550 | 1/0.25 | R. Clube Marconi, Praguaçu Paulista, SP: c |
| 990) | ZYK572 | 1550 | 1/0.25 | R. Cacique, Capivari, SP |
| 991) | ZYL211 | 1550 | 1/0.25 | R. Cultura, Monte Carmelo, MG: 0800-0200 |
| 992) | ZYL317 | 1550 | 1/0.25 | R. Piraporã, MG |
| 993) | | 1550 | 1/0.25 | R. Divinópolis, MG |
| 994) | ZYK590 | 1550 | 1/0.25 | R. Guarujá, SP: a |
| 995) | ZYJ734 | 1550 | 1/0.25 | R. Araranguá, SC |
| 996) | | 1550 | 1/0.25 | R. Alvorada, Santa Cecilia, SC |
| 997) | ZYK286 | 1550 | 1/0.25 | R. Marajá, Rosário do Sul, RS |
| 998) | ZYJ479 | 1550 | 1/0.25 | R. Imperial, Petrópolis, RJ: c |
| 999) | ZYK659 | 1550 | 1/0.25 | R. São Joaquim da Barra, São Joaquim, SP |
| 1000) | ZYJ207 | 1550 | 1/0.25 | R. Difusora Apucarana, PR |
| 1001) | ZYJ315 | 1550 | 1/0.25 | R. Cristal, Francisco Beltrão, PR: 0900-0130 |
| 1002) | ZYK259 | 1550 | 1/0.25 | R. Cacique, Lagoa Vermelha, RS |
| 1003) | ZYK295 | 1550 | 1/0.25 | R. Noroeste, Santa Rosa, RS |
| 1004) | ZYL289 | 1550 | 1/0.25 | R. Difusora Santarritense, Santa Rita do Sapucai, MG |
| 1005) | ZYK331 | 1550 | 1/0.25 | R. Planetário, Espumoso, RS |
| 1006) | ZYL271 | 1550 | 1/0.25 | R. Cultura, Visonde do Rio Branco, MG |
| 1007) | ZYJ303 | 1550 | 1/0.25 | R. Pioneira da Formosa, Formosa do Oeste, PR |
| 1008) | | 1560 | 1/0.25 | Fundacão de Desenvolorimento de Picuí, Picuí, PE |
| 1009) | ZYH767 | 1560 | 1/0.25 | R. Alvorada, Rialma, GO |
| 1010) | ZYH768 | 1560 | 1/0.25 | R. Difusora Brasileira, Rio Verde, GO |
| 1011) | ZYH777 | 1560 | 1/0.25 | R. Crista Educativa, Pires do Rio, GO |
| 1012) | ZYI208 | 1560 | 1/0.25 | R. Carioca, Guarapári, ES |
| 1013) | ZYJ275 | 1560 | 1/0.25 | R. Capanema, PR |
| 1014) | ZYJ319 | 1560 | 1/0.25 | R. Guaraniaçu, PR |
| 1015) | ZYK333 | 1560 | 1/0.25 | R. Prata, Nova Prata, RS |
| 1016) | | 1560 | 1/0.25 | R. Blau Nunes, Santa Bárbara do Sul, RS |
| 1017) | ZYJ809 | 1560 | 1/0.25 | R. Progresso, Descanso, SC |
| 1018) | | 1560 | 1/0.25 | R. Educadora, Taió, SC |
| 1019) | ZYK571 | 1560 | 1/0.25 | R. Emissora, Campos do Jordão, SP |
| 1020) | ZYH622 | 1560 | 1/0.25 | R. Difusora Vale do Curu, Pentecoste, CE |
| 1021) | ZYJ501 | 1560 | 1/0.25 | R. Comunicadora Grande Rio Itaguaí, RJ |
| 1022) | ZYL209 | 1560 | 1/0.25 | R. Cultura d'Oeste, Lavras, MG |
| 1023) | ZYL256 | 1560 | 1/0.25 | R. Sociedade Leopoldina, MG |
| 1024) | | 1570 | 1/0.25 | R. Mantiqueira, Niquelândia, GO |
| 1025) | | 1570 | 1/0.25 | R. Cultura Rio Jordão, Coroata, MA |
| 1026) | ZYK605 | 1570 | 1/0.25 | R. Junquirópolis, SP |
| 1027) | ZYK651 | 1570 | 1/0.25 | R. Emissora ABC, Santo André, SP |
| 1028) | ZYK670 | 1570 | 1/0.25 | R. Clube, Tanabi, SP: 0900-0200 |
| 1029) | ZYH621 | 1570 | 1/0.25 | R. Sertão Central, Senador Pompeu, CE |
| 1030) | ZYK667 | 1570 | 1/0.25 | R. Nossa Senhora do Socorro, Socorro, SP |
| 1031) | | 1570 | 1/0.25 | R. Aparecida, Aparecida do Taboado, MS |
| 1032) | ZYI409 | 1570 | 1/0.25 | R. Caarapó, MS |
| 1033) | | 1570 | 1/0.25 | R. Patriarca, Cassilandia, MS |
| 1034) | ZYK552 | 1570 | 1/0.25 | R. Avaré, SP |
| 1035) | ZYJ223 | 1570 | 1/0.25 | R. Atalaia, Guarapuava, PR: b |
| 1036) | | 1570 | 1/0.25 | R. Bom Jesus, Bom Jesus de Itabapoana, RJ |
| 1037) | ZYJ493 | 1570 | 1/0.25 | R. Clube, Valença, RJ |
| 1038) | | 1570 | 1/0.25 | R. Itaberaí, GO |
| 1039) | ZYJ288 | 1570 | 1/0.25 | R. Educadora, Dois Vizinhos, PR |
| 1040) | ZYJ777 | 1570 | 1/0.25 | R. Rio Negrinho, SC |
| 1041) | ZYI791 | 1570 | 1/0.25 | R. Princesa Serrana, Timbaúba, PE |
| 1042) | ZYJ789 | 1570 | 1/0.25 | R. Videira, SC |
| 1043) | ZYJ811 | 1570 | 1/0.25 | R. Difusora, Içara, SC |
| 1044) | ZYJ812 | 1570 | 1/0.25 | R. São Carlos, SC |
| 1045) | ZYL203 | 1570 | 1/0.25 | R. Cultura, Alfenas, MG |
| 1046) | ZYL260 | 1570 | 1/0.25 | R. Cultura, Uberlândia, MG: 0800-0500 |
| 1047) | ZYI209 | 1580 | 1/0.25 | R. Educadora, Afonso Claudio, ES |
| 1048) | ZYH765 | 1580 | 1/0.25 | R. Rio Claro, Ipora, GO |
| 1049) | ZYK554 | 1580 | 1/0.25 | R. Emiss. da Barra, Barra Bonita, SP |
| 1050) | ZYK563 | 1580 | 1/0.25 | R. Clube, Birigui, SP |
| 1051) | | 1580 | 1/0.25 | R. Parnaíba, Rio Parnaíba, MG |
| 1052) | ZYJ293 | 1580 | 1/0.25 | R. Najuá, Iratí, PR |
| 1053) | ZYK258 | 1580 | 1/0.25 | R. 14 de Julio, Julio de Castilhos, RS |
| 1054) | ZYH464 | 1580 | 1/0.25 | Emissora Rádiovox, R. Costa 52, Muritiba, BA |
| 1055) | ZYI415 | 1580 | 1/0.25 | R. Laguna, Jardim, MS |
| 1056) | ZYK335 | 1580 | 1/0.25 | R. Sananduva, RS |
| 1057) | ZYK339 | 1580 | 1/0.25 | R. Difusora Fronteira, Arroio Grande, RS |
| 1058) | ZYK237 | 1580 | 1/0.25 | R. Encantado, RS |
| 1059) | ZYI898 | 1580 | 1/0.25 | R. Irapurá, Floriano, PI |
| 1060) | ZYL329 | 1580 | 1/0.25 | R. Educadora, Espinosa, MG |
| 1061) | ZYL290 | 1580 | 1/0.25 | R. Cultura, Santos Dumont, MG |
| 1062) | ZYL324 | 1580 | 1/0.25 | R. Sacramento, MG: 0900-0100 |
| 1063) | ZYH750 | 1590 | 1/0.25 | R. Cultura, Catalão, GO |
| 1064) | ZYI403 | 1590 | 1/0.25 | R. Independência, Eldorado, MS |
| 1065) | ZYJ316 | 1590 | 1/0.25 | R. Clube, Faxinal, PR |
| 1066) | ZYJ290 | 1590 | 1/0.25 | R. Cultura, Andira, PR |
| 1067) | | 1590 | 1/0.25 | R. Planalto, Major Vieira, SC |
| 1068) | | 1590 | 1/0.25 | R. Ituporanga, SC |
| 1069) | | 1590 | 1/0.25 | R. Educadora, Rolim de Moura, PR |
| 1070) | ZYJ507 | 1590 | 1/0.25 | R. Dif. Coroados, São Fidelis, RJ |
| 1071) | ZYK281 | 1590 | 1/0.25 | R. Navegantes, Porto Lucena, RS |
| 1072) | ZYK332 | 1590 | 1/0.25 | R. Independente, Cruz Alta, RS |
| 1073) | ZYL224 | °1590 | 1/0.25 | R. Congonhas, MG |

**Shortwaves:** * = inactive. **H. of tr:** 0800-0300 exc. where indicated; a) 24h, b) 0800-0400, c) 0900-0300.

| | Call | kHz | kW | Name, location and h. of tr. |
|---|---|---|---|---|
| 59) | ZYG480 | 2310 | 0.25 | R. Progresso, Souza |
| 1074) | | *2310 | 1 | R. Vale do Rio Madeira, Humaita, AM |
| 1075) | | r2350 | 1 | R. Fundacão Verde, Cruzeiro do Sul, AC |
| 149) | ZYF277 | 2340 | 1 | R. Dif. Itacoatiara: 1000-0100 |
| 346) | ZYG852 | 2380 | 0.25 | R. Educ. de Limeira |
| 633) | ZYG361 | 2400 | 1 | R. Educ. São José, Macapá: 0830-0200 |
| 1076) | | r2410 | 1 | R. Transamazônica, Senador Guiomard, AC |
| 757) | ZYG862 | v2420 | 0.5 | R. São Carlos: 0830-0300 |
| 580) | ZYF692 | 2420 | 1 | R. Carajá, Anápolis (r 4935) |
| 471) | ZYG851 | 2470 | 1 | R. Cacique, Sorocaba |

| | Call | kHz | kW | Name, location and h. of tr. |
|---|---|---|---|---|
| 1077) | ZYG866 | r2490 | 0.25 | R. Oito de Setembro, Descalvado: 0900-0200 (n. 2490) |
| 548) | | 2490 | 1 | R. Educacão Rural, Coari |
| 45) | ZYG861 | 3205 | 1 | R. Ribeirão Preto: b |
| 355) | ZYG859 | 3225 | 1 | Lins R. Clube, Lins: 0730-0400 |
| 409) | ZYG860 | 3235 | 0.5 | R. Clube, Marilia: b |
| 142) | | 3245 | 1 | R. Educ. Palmares de Alagoas: 0755-0400 |
| 513) | ZYG203 | 3245 | 1 | R. Clube, Varginha: 0900-0130 |
| 341) | ZYF533 | 3255 | 1 | R. Educ. de Cariri, Crato: b |
| 512) | ZYG205 | v3255 | 1 | R. Difusora, Uberlândia |
| 493) | ZYG | 3265 | 1 | R. 31 de Março, Santa Cruz de Palmeiras |
| 779) | ZYF901 | 3275 | 1 | R. Dif. Cáceres: a |
| 366) | | 3295 | 1 | R. Tapuyo, Mossoró |
| 66) | ZYF531 | 3315 | 2.5 | R. Assunção, Fortaleza: 1430-0100 |
| 1078) | ZYG867 | 3325 | 2.5 | R. Dif. Universitaria, Guarulhos: c |
| 610) | ZYG430 | 3325 | 5 | R. Liberal, Belém: a |
| 372) | ZYF392 | 3335 | 1 | R. Clube de Conquista, Vitória |
| 313) | ZYG641 | 3335 | 1 | R. Alvorada, Londrina (Sun: 0825-0255) |
| 514) | ZYE7 | 3365 | 0.5 | R. Educ. Parnaiba: 0800-0100 |
| 204) | ZYG855 | 3365 | 1 | R. Cultura, Araraquara |
| 54) | ZYF276 | 3375 | 5 | R. Nacional, São Gabriel da Cachoeira |
| 154) | ZYF907 | 3375 | 5 | R. Dourados: b |
| 556) | ZYG791 | 3375 | 5 | R. Educ. Guajará, Mirim, RO |
| 1073) | ZYG207 | 3385 | 1 | R. Congonhas: 0900-0100 |
| 575) | ZYF271 | r3385 | 1 | R. Educ. Rural, Tefé |
| 228) | | r3406v | 2 | R. Educ. 6 de Agosto, Xapuri: 1000-0200 (n. 3410) |
| 1079) | | r3570 | 0.25 | R. Educadora Trêz de Julho, Brasileiá, Acre: ?-0200 |
| 1080) | | r4115 | 1 | R. Difusora, Sena Mendureira |
| 1081) | | r4568v | | R. Educadora, Sudacreana |
| 121) | ZYF810 | 4755 | 2 | R. Dif. do Maranhão, São Luiz: 0700-0400 |
| 38) | ZYF904 | 4755 | 1 | R. Educação Rural, Campo Grande: b |
| 148) | ZYF200 | 4765 | 10 | R. Nacional, Cruzeiro do Sul: 0800-0100 |
| 647) | ZYF363 | v4765 | 10 | R. Emiss. Rural, Santarem: 0700-0300 |
| 103) | ZYG830 | 4775 | 2.5 | R. Cultura de Sergipe, Aracajú: b |
| 461) | ZYF902 | 4775 | 1.5 | R. A Voz d'Oeste, Cuiabá: a |
| 489) | ZYF812 | 4785 | 5 | R. Ribamar, São Luiz |
| 572) | ZYG857 | 4785 | 1 | R. Brasil, Campinas: b |
| 738) | ZYG790 | 4785 | 1 | R. Caiari, Porto Velho: 0800-0500 |
| 416) | ZYG786 | v4795 | 1 | R. Tabaraja de Paraíba, João Pessoa: 0730-0400 |
| 630) | ZYF900 | 4795 | 1 | R. Dif. de Aquidauana |
| 77) | ZYG209 | v4805 | 1 | R. Itatiaia, Belo Horizonte: a |
| 488) | ZYF273 | v4805 | 5 | R. Difusora de Amazonas, Manaus: 2230-0300 |
| 133) | ZYG640 | 4815 | 0.5 | R. Difusora, Londrina |
| 111) | ZYF272 | 4815 | 10 | R. Nacional de Tabatinga |
| 247) | ZYJ459 | *4825 | 10 | R. Mundial, Rio de Janeiro |
| 684) | ZYG364 | 4825 | 5 | R. Educ. Bragança: 0830-0200 |
| 1081) | ZYF908 | 4835 | 5 | R. Atalaia, Corumbá: c |
| 655) | ZYG596 | 4835 | 0.5 | R. Dif. Teresina |
| 9) | ZYF278 | 4845 | 250 | R. Nacional, Manaus: 0900-0200 |
| 812) | ZYF905 | 4855 | 1 | R. Aruanã, Barra do Garça: 0800-0200 |
| 239) | ZYG202 | v4855 | 1 | R. Por um Mundo Melhor, Gov. Valadares |
| 316) | ZYF390 | 4865 | 1 | R. Sociedade, Feira de Santana |
| 301) | ZYG680 | 4785 | 10 | R. Jornal do Brasil, Rio de Janeiro: 0900-0530 |
| 48) | ZYG810 | r4875 | 10 | R. Nacional, Boa Vista |
| 687) | ZYF201 | 4880 | 5 | R. Difusora Acreana, Rio Branco: 0900-0500 (n. 4885) |
| 124) | ZYG362 | 4885 | 5 | R. Clube do Pará, Belém |
| 751) | ZYF270 | 4895 | 1 | R. Baré, Manaus: 0830-0130 |
| 332) | ZYF391 | 4895 | 10 | R. Cultura da Bahia, Salvador: 0800-0100 |
| 37) | ZYG684 | 4905 | 5 | R. Relógio Federal, Rio de Janeiro |
| 253) | ZYF693 | 4905 | 1 | R. Araguaia, Araguaína |
| 71) | ZYG360 | 4915 | 10 | R. Nacional, Macapá |
| 519) | ZYF691 | 4915 | 10 | R. Anhanguera, Goiânia: 0700-0400 |
| 132) | ZYF530 | 4925 | 5 | R. Dragão do Mar, Fortaleza: irr. |
| 28) | ZYG864 | 4925 | 1 | R. Dif. Taubaté: 0730-0400 |
| 360) | ZYF641 | 4935 | 1 | R. Capixaba, Vitória |
| 120) | ZYF694 | 4935 | 2.5 | R. Difusora, Jataí: 0900-0300 |
| 664) | ZYF811 | 4935 | 0.25 | R. Difusora Mearim, Caxias |
| 1082) | ZYF274 | 4935 | 5 | R. Jornal "A Crítica", Manaus |
| 1083) | ZYG792 | 4945 | 50 | R. Nacional, Porto Velho |
| 540) | ZYG201 | 4945 | 1 | R. Dif. Poços de Caldas |
| 165) | ZYI780 | v4945 | 2 | Emiss. Rural A Voz do São Francisco, Petrolina: 0755-0300 |
| 444) | ZYG361 | 4955 | 2.5 | R. Marajoara, Belém: c |
| 418) | ZYG682 | 4955 | 2.5 | R. Cultura, Campos: 0730-0400 |
| 287) | ZYG960 | 4955 | 2.5 | R. Clube, Rondonópolis |
| 561) | ZYG761 | v4965 | 1 | R. Poti, Natal: 0800-0430 |
| 683) | ZYG206 | 4965 | 5 | R. Soc. Triangulo Mineiro, Uberaba: 0900-0300 |
| 668) | ZYF275 | 4965 | 5 | R. Alvorada, Parintins: 0900-0100 |
| 578) | ZYF813 | 4975 | 2.5 | R. Timbira, São Luiz: c |
| 892) | ZYG865 | 4975 | 1 | R. Iguatemi, Osasco: c |
| 560) | ZYF690 | 4985 | 10 | R. Brasil Central, Goiânia |
| 118) | ZYJ685 | v5015 | 1 | R. Copacabana, Rio de Janeiro: 0800-0430 |
| 459) | ZYG595 | 5015 | 1 | R. Pioneira, Teresina: 0700-0400 |
| 587) | ZYF903 | 5015 | 5 | R. Cultura de Cuiabá: 24h |
| 631) | ZYG481 | v5025 | 1 | R. Borborema, Campina Grande: 0830-0300 |
| 114) | ZYG365 | v5026 | 5 | R. Jornal Transamazônica, Altamira |
| 548) | ZYF272 | 5035 | 1 | R. Educ. Rural, Coari |
| 221) | ZYG853 | 5035 | 10 | R. Aparecida: c |
| 264) | ZYG850 | 5045 | 1 | R. Difusora Presidente Prudente |
| 1084) | ZYG360 | 5045 | 10 | R. Cultura do Pará, Belém: 0700-0300 |
| 936) | ZYG861 | 5055 | 1/5 | R. Mauá, Rio de Janeiro |
| 256) | ZYE962 | 5955 | 10 | R. Gazeta, São Paulo: 0700-0300 |
| 150) | ZYE852 | 5965 | 7.5 | R. Guaiba, Porto Alegre: 0830-0400 |
| 713) | ZYE891 | 5975 | 10 | R. Guarujá, Florianópolis |
| 208) | ZYE766 | 5990 | 7.5 | R. MEC, Rio de Janeiro: 1900-0300 |
| 255) | ZYE521 | 6000 | 25 | R. Inconfidencia, Belo Horizonte: 0700-0300 |
| 221) | ZYE954 | 6010 | 25 | R. Aparecida: c |
| 503) | ZYE | 6020 | 10 | R. Universo, Curitiba: a |
| 1085) | ZYE299 | 6025 | 10 | R. Educ. da Bahia, Salvador: 0830-2330 |
| 516) | ZYE | 6035 | 10 | R. Globo, Rio de Janeiro: c |
| 729) | ZYE725 | v6045 | 7.5 | R. Clube Paranaense, Curitiba: a (n. 6030) |
| 329) | ZYE950 | 6055 | 7.5 | R. Record, São Paulo: 1000-2200 |
| 1087) | | 6065 | 250 | R. Nacional de Amazônia, Brasilia: 0800-1600 |
| 77) | ZYE523 | 6070 | 5 | R. Itatiaia, Belo Horizonte |
| 314) | ZYE854 | 6080 | 10 | R. Rio Grande do Sul, Porto Alegre: 0900-2200 |
| 192) | ZYE | 6085 | 15 | R. Jornal do Comercio, Recife: 0900-2328 |
| 213) | ZYE | 6100 | 5 | R. Cultura, Foz de Iguaçu |
| 500) | ZYE335 | 6105 | 5 | Ceará R. Clube, Fortaleza |
| 415) | ZYE968 | 6125 | 7.5 | R. Globo, São Paulo |
| 55) | ZYE851 | 6135 | 7.5 | R. Gaucha, Porto Alegre: b |
| 332) | ZYE298 | 6155 | 10 | R. Cultura da Bahia: 0800-2000 |
| 497) | ZYE959 | 6165 | 10 | R. Cultura, São Paulo: 0900-0500 |
| 494) | ZYE520 | 6175 | 10 | R. Guarani, Belo Horizonte: 0730-0300 |
| 232) | ZYE956 | 6185 | 10 | R. Bandeirantes, São Paulo: 0700-0500 |
| 351) | ZYE | 6195 | 7.5 | R. Capital, Rio de Janeiro |
| 329) | ZYE951 | 9505 | 7.5 | R. Record, São Paulo: 1000-2200 |
| 1085) | ZYE300 | 9515 | 20 | R. Educ. da Bahia, Salvador: 0830-2330 |
| 314) | ZYE855 | 9520 | 1 | R. Rio Grande do Sul, Porto Alegre: 0900-2200 |
| 77) | ZYE | *9520 | 5 | R. Itatiaia, Belo Horizonte |
| 503) | ZYE727 | 9545 | 7.5 | R. Universo, Curitiba: 0900-2200 |
| 415) | ZYE969 | 9585 | 10 | R. Excelsior, São Paulo: irr. |
| 332) | ZYE297 | v9595 | 10 | R. Cultura da Bahia: 0900-2000 |
| 221) | ZYE954 | 9635 | 10 | R. Aparecida: c |

| | Call | kHz | kW | Name, location and h. of tr. |
|---|---|---|---|---|
| 232) | ZYE957 | 9645 | 10 | R. Bandeirantes, São Paulo: 0700-0500 |
| 1087) | ZYE365 | 9655 | 250 | R. Nacional, Brasilia: 2350-0050 |
| 1086) | ZYE890 | 9665 | 10 | R. Marumby, Florianópolis: 0930-2400 (Sun 2200) |
| 1081) | ZYE | 9680 | 250 | R. Nacional, Brasilia |
| 256) | ZYE963 | 9685 | 7.5 | R. Gazeta, São Paulo: 0700-2200 |
| 581) | ZYE245 | 9695 | 7.5 | R. Rio Mar, Manaus: 0900-2015 |
| 325) | ZYE | 9705 | 7.5 | R. Nacional, Rio de Janeiro |
| 729) | | 9735 | 7.5 | R. Clube Paranaense, Curitiba |
| 497) | ZYE960 | 9745 | 7.5 | R. Cultura, São Paulo: 0900-0500 |
| 208) | ZYE772 | 9770 | 7.5 | R. MEC, Rio de Janeiro |
| 77) | ZYE | *11705 | 10 | R. Itatiaia, Belo Horizonte |
| 602) | ZYE441 | 11735 | 1 | R. Clube, Goiânia |
| 1087) | ZYE365 | 11780 | 250 | R. Nacional da Amazônia, Brasilia: 0800-1600, 1800-0200 |
| 150) | ZYE853 | 11785 | 7.5 | R. Guaibá: 0830-0400 |
| 516) | ZYE | 11805 | 10 | R. Globo, Rio de Janeiro: c |
| 560) | ZYE440 | 11815 | 7.5 | R. Brasil Central, Goiânia: b |
| 221) | ZYE | 11855 | 5 | R. Aparecida: c |
| 169) | ZYE296 | 11875 | 10 | R. Soc. Bahia, Salvador |
| 314) | ZYE856 | 11895 | 1 | R. Rio Grande do Sul, Porto Alegre: 0900-2200 |
| 503) | ZYE | 11905 | 1 | R. Universo, Curitiba: 1000-0100 |
| 55) | ZYE850 | 11915 | 10 | R. Gaucha, Porto Alegre |
| 232) | ZYE958 | 11925 | 10 | R. Bandeirantes, São Paulo: 0700-0500 |
| 729) | ZYE726 | v11935 | 25 | R. Clube Paranaense, Curitiba |
| 208) | ZYE773 | v11952 | 7.5 | R. MEC, Rio de Janeiro: 1500-0300 |
| 329) | ZYE952 | 11965 | 7.5 | R. Record, São Paulo: 1000-2200 |
| 1087) | ZYE365 | 15105 | 250 | R. Nacional, Brasilia: 2000-2200 |
| 169) | ZYE296 | 15125 | 10 | R. Soc. Bahia, Salvador |
| 329) | ZYE953 | 15135 | 7.5 | R. Record, São Paulo: 1000-2200 |
| 192) | ZYE | 15145 | 15 | R. Jornal do Comercio, Recife: irr. |
| 500) | ZYE336 | r15167 | 5 | Ceará R. Clube, Fortaleza |
| 255) | ZYE522 | 15190 | 5 | R. Inconfidencia, Belo Horizonte: 0730-0300 |
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| 95) | ZYE955 | 15415 | 1 | R. Clube, Ribeirão Preto: 1000-0300 |
| 1087) | ZYE370 | 15445 | 250 | R. Nacional de Amazônia, Brasilia: 1100-1600, 1800-2030 |
| 1087) | ZYE365 | 17755 | 250 | R. Nacional, Brasilia: 1700-1850 |
| 497) | ZYE961 | 17815 | 1 | R. Cultura, São Paulo: 1000-0500 |
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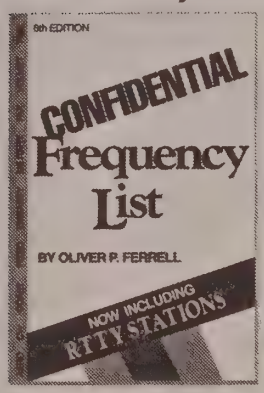


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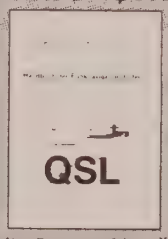


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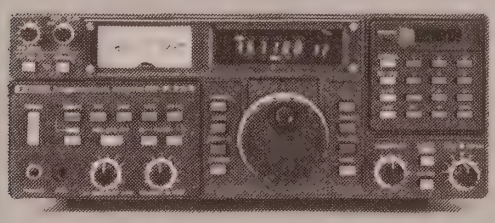

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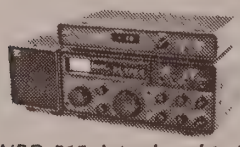

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233) C.P. 8, 89700 Concordia, SC-DG: Odilon Udilmo Colla.
234) Rua Casimiro de Abreu 1233, 90000 Porto Alegre, RS-Gte: Maria Helena Borges Ferreira.
235) Praça de Se 26/28, 40000 Salvador, BA.
236) C.P. 1241, 66100 Londrina, PR-Dir: R. Zannoni.
237) Av. Federal s/n, 77440 Porangatu, GO.
238) Rua Barão de Piumhi 31, 37290 Formiga, MG.
239) C.P. 377, 35100 Governador Valadares, MG-Dir: Odilon Lagares S. de Aguilar.
240) C.P. 50, 38430 Tupaciguara, MG-DG: Abdo Messias Netto.
241) Caraiba Empreedimentos Culturais, 49870 Senhor do Binfim, BA.
242) Rua São Luiz 68, 63180 Juazeiro do Norte, CE.
243) 68400 Cametá, PR.
244) 68180 Itaituba, PA.
245) Av. Visconde do Rio Claro 2128, 13500 Rio Claro, SP-DG: Orlândo José Zonico.
246) C.P. 2683, 60000 Fortaleza, CE-Dir: Afranio Peixoto.
247) Rua do Russel 434, Gloria, 22210 Rio de Janeiro, RJ-DG: R. Ireneu M. Dir: Roberto I. Marinho.
248) Rua Dr. Bozano 1336, Galeria do Comercio, Edif. Segala, 97100 Santa Maria, RS-Dir: Claudio Zappe.
249) Rua José Maria Passos 25, 57600 Palmeiras dos Indios, AL.
250) Av. Juarez Tavora s/n, 45600 Itabuna, BA.
251) Rua Cel. Virgilio Correia s/n, 63500 Iguazu, CE.
252) Rua Lusitana 717, 13100 Campinas, SP.
253) Br. 153 Km. 1103, 74000 Goiânia, GO
254) Rua Andrades 1155, 90000 Porto Alegre, RS-Dir: E. Salis B.
255) C.P. 1027, 30000 Belo Horizonte, MG-Dir: Marco Aurello Felicissimo.
256) Av. Paulista 900, 01310 São Paulo, SP-DG: Constantino Cury.
257) C.P. 72, 95700 Bento Gonçalves, RS-DG: H. Manica.
258) Av W-3, quadra 16, lotes 26/28-GR314, 70000 Brasilia, DF-DG: Ari Lopes Cunha.
259) Rua Dorgival Pinheiro s/n, 65900 Imperatriz, MA.
260) C.P. 292, 50000 Recife, PE-DG: J.C. Poncel Neto.
261) Rua Jau Guedes da Fonseca 17, 88000 Florianópolis, SC.
262) 85500 Pato Branco, PR.
263) Rua XV de Novembro 722, 97400 São Pedro do Sul, RS.
264) C.P. 5, 19100 Presidente Prudente, SP-DG: A. Campos S.
265) C.P. 746, 15100 São José de Rio Preto, SP-DG: Luiz Homero de Almeida.
266) Rua 15 de Novembro 336, 99770 Aratiba, RS-Dir: M. Coquetto.
267) Av. Portugal 96, Urca, 22291 Rio de Janeiro, RJ-Gte: A. Filho.
268) C.P. 625, 59000 Natal, RN-Dir: F. Rodrigues.
269) Rua Dr. Fiel s/n, 78930 Ji Paraná, RO.
270) C.P. 688, 84100 Ponta Grossa, PR-Dir: H. Oliveira L.
271) Rua Guarani 1479, 85900 Toledo, PR.
272) Rua Joaquim Nabuco 957, 93300 Novo Hamburgo, RS.
273) 37795 Andradas, MG.
274) Rua Conceição 16, 55100 Caruaru, PE-Dir: J. deLacerda.
275) Rua Morais Barris 643, 13400 Piracicaba, SP-Dir: Francisco Silva Caldeira.
276) Rua Benidito Valadares 139, 39800 Teofilo Otoni, MG.
277) 40000 Salvador, BA.
278) Rua Joaquim Baldoino 40, 64600 Picos, PI-DG: Aloisia Hiena Lima Barros.
279) Presidente João Pessoa 26, 59380 Currais Novos, RN.
280) Rua Alcindo Conrado 1616, 14400 Franca, SP.
281) Rua Tenente Viotti 131, 37460 Passa Quatro, MG.
282) Av. Governador Lindenberg 873, 29900 Linhares, ES-DG: Paulo Sergio Gava.
283) Rua Saihydi Abrahão 35, 95590 Tamandaí, RS-DG: Ruben Pinto.
284) Rua Rodrigues Alves 112, 88350 Brusque, SC.
285) 69000 Manaus, AM.
286) Rodovia Br-316, Km58, 68745 Castanhal, PA.
287) Rua Fernando Correia da Costa 651, Edif. Victor Hugo, 78500 Rondópolis, MT.
288) C.P. 178, 86600 Rolândia, PR-DG: Antonio Pinceli.
289) Rua João Negrão 554, 80000 Curitiba, PR-DG: Erwin Bonlovski.
290) C.P. 62, 37270 Campo Belo, MG.
291) Rua Garibaldi 789, 95100 Caxias do Sul, RS.
292) Brasil Acioli 28, 38440 Araguari, MG.
293) Rua Itabaianinha 162, 49000 Aracajú, SE.
294) Rua XV de Novembro 701, 17120 Agudos, SP.
295) Rua Sete 1057, 15777 Santa Fé do Sul, SP.
296) C.P. 52, 13970 Itapira, SP-Dir: Luis N. Fonseca.
297) Praça Mateu Bei 110, 11300 São Vicente, SP.
298) 17800 Adamantina, SP.
299) Praça Figueira Sampaio 32, 83186 Barbalha, CE.
300) Av. Brasil 523, 98800 Santo Angelo, RS.
301) Av. Brasil 500, 20940 Rio de Janeiro, RJ-DG: Condessa Pereira Carneiro.
302) Florestas, Cruzeiro do Sul, Acre.
303) Rua Rio de Janeiro 243, 30000 Belo Horizonte, MG-Dir: Francisca M. Barros Barroso.
304) Av. Bom Jesus 330, 37578 Bueno Brandão, MG.
305) Av. Dom José 947, 62100 Sobral, CE-Dir: E. Rodrigues A.
306) Av. Padre Rocha s/n, 55810 Carpina, PE-Dir: Valdir Alves Coelho.
307) Praça da Bandeira 94, 76100 Itumbiara, GO.
308) Rua Barão do Rio Branco 229, 88870 Orleâs, SC.
309) Rua Venâncio Aires 1980, 97100 Santa Maria, RS-Gte: Quintino Correa de Oliveira.
310) C.P. 57, 05614 São Paulo, SP-DG: Paulo Coev.
311) Av. Fernandes Lima 1047, Farol, 57000 Maceió, AL-Dir: Cassimiro de Farias Cardoso.
312) Rua Joubert de Carvalho 623, 87100 Maringá, PR.
313) C.P. 414, 86100 Londrina, PR-DG: Padre Paquale Filippelli.
314) Rua Orfanotrófio 711, 90000 Porto Alegre, RS (1210: Rua Lourenço, Vila Matias Velho, 92000 Canoas, RS)-Dir: O. Dumit Gadret.
315) C.P. 34, 14400 Franca, SP.
316) C.P. 32, 44100 Feira de Santana, BA-DG: F.A. Bezerra Lobo.
317) Rua Joaquim Nabuco 344, 63900 Quixada, CE.
318) Praça Prof. Roque Fiori 18, 13870 São João da Boa Vista, SP.
319) 15650 Etrela D'Oeste, SP.
320) Rua Rodrigues Alves, 88350 Brusque, SC.
321) Rua Quintino Bocaiuva 720, 18200 Itapetininga, SP-Gte: Alcides Rossi.
322) Matadouro Municipal, 38420 Monte Alegre de Minas, MG.
322x) Rua dos Viajantes 81, 35300 Caratinga, MG-DG: Erich Gade.
323) Av. Tirandentes 209/219, 36300 São João del Rei, MG-DG: Bráz Camarano Primo.
324) Av. W3 Sul Quadra 701, bloco A SRTV, 70000 Brasilia, DF—DG: Eduardo da Veiga R. Fajardo.
325) Praça Mauá 7, 20081 Rio de Janeiro, RJ-DG: Jorge Guilherme Pontes.
326) 45900 Caravelas, BA.
327) C.P. 112, 59600 Mossoró, RN-Gte: Emery Jussier Costa.

328) 69190 Maués, AM.
329) Av. Miruna 713, 04084 São Paulo, SP-DG: Paulo Machado de Carvalho Neto.
330) C.P. 591, 85500 Pato Branco, PR-Gte: Nelson Rabelo.
331) C.P. 353, 16100 Juis de Fora, MG-DG: Juracy de Azevedo Neves.
332) Rua Machado de Assis 16, Brotas, 40000 Salvador, BA. DG: E.S. de Almeida.
333) Av. 17 No. 465, 14780 Barretos, SP.
334) C.P. 145, 15500 Votuporanga, SP-DG: Nelson Camargo.
335) C.P. 88, 37590 Jacutinga, MG.
336) Av. Aguanambi 282, 60000 Fortaleza, CE.
337) 95700 Bento Gonçalves, RS.
338) C.P. 178, 29700 Colatina, ES-DG: Geraldo Pereira.
339) Galeria Andrade 90, Praça Generoso Marques, 80000 Curitiba, PR.
340) Rua Dr. Querubino 303, 35170 Coronel Fabriciano, MG-Dir: G. de Souza Borges.
341) C.P. 57, 63100 Crato, CE-Gte: G. Farias F.
342) Av. Getúlio Vargas 111, 57100 Rio Largo, AL.
343) C.P. 370, 93000 São Leopoldo, RS-DG: Eugenio Leonhardt.
344) C.P. 15, 12630 Cachoeira Paulista, SP-Gte: Maria Izabel Guatura.
345) Rua Capitão Francisco Rodrigues Garcia 187, 19800 Assis, SP-DG: José de Camargo.
346) C.P. 105, 13480 Limeira, SP-Dir: Vitoria Bartolan F.
347) Rua João de Rezende 259, 87400 Cruzeiro d'Oeste, PR.
348) Av. São Paulo 165, 86100 Londrina, PR-DG: Francisca Maria Barros Barroso.
349) Rua Barão do Rio Branco 404, 83900 São Mateus do Sul, PR.
350) Rua Coronel Córdova 236, 88500 Lages, SC.
351) Rua da Lapa 200, 20021 Rio de Janeiro, RJ-DG: Wagner Luiz.
352) Estrada do Passarinho 1415, 53000 Olinda — Dir: Ribas Neto.
353) C.P. 284, 14400 Franca, SP-DG: Roy Pieri.
354) Rua Tenente Lopes 191, 17200 Jau, SP.
355) C.P. 310, 16400 Lins, SP-Dir: A. Zago.
356) C.P. 155, 98700 Ijui, RS-DG: Wilson Mánica.
357) Av. Leste s/n, Alta Floresta. MT.
358) Praça Jamea Fanstone 10, 77100 Anápolis, GO.
359) Rua 19 de Julho 3939, 01407 São Paulo, SP-Dir: J.A. Oliveira M.
360) C.P. 509, 29000 Vitória, ES-Dir: Jairo Gouvea Maia.
361) C.P. 134, 58100 Campina Grande, PB-Dir: José Cursino de Siqueira.
362) Rua Cel. Carvalho 173, 23900 Angra dos Reis, RJ-DG: Carlos A. Schermann.
363) Rua Boa Morte 1122, 13400 Piracicaba, SP-Dir: Anna Maria M. Mattos.
364) Rua Bueno Brandão 27, 38430 Tupaciguara, MG.
365) 88750 Braco de Norte, SC.
366) C.P. 60, 59600 Mossoró, RN-Dir: C. Alves.
367) Rua do Rio de Janeiro 745, 80000 Curitiba, PR-Dir: Vicente Mikosz.
368) Rua General Zaca Neto, 16180 Camaguá, RS.
370) C.P. 172, 97800 São Luiz Gonzaga, RS.
371) Rua Geraldino Campista 200, 37500 Itajuba, MG-Dir: José Luiz Mendonça Sannini.
372) Praça Barão do Rio Branco 42, 45100 Vitória da Conquista., BA-Gte: A. Ribeiro N.
373) C.P. 34, 33600 Pedro Leopoldo, MG-DG: Manoel Diamantino da Costa.
374) Av. Julio Assis Cavalheiro 162, 85600 Franciso Beltrão, PR.
375) Rua Machado Bittencourt 300, 26900 Miguel Pereira, RJ.
376) Av. Sete de Setembro 380, 28100 Campos, RJ-Dir: Padre José Candido Barbosa.
377) Rua Cel. Juvencio Carmeiro 160, 58900 Cajazeiros, PB.
378) Rua João Mariano 163, 11740 Itanhaém, SP-Dir: Jaime de Castro.
379) C.P. 237, 17200 Jau, SP-DG: Raul Baub.
380) 12200 São José dos Campos, SP.
381) Av. Dr. Américo Luz 153, 37890 Muzambinho, MG.
382) 45700 Itapetinga, BA.
383) C.P. 109, 15700 Jales, SP-DG: Joaquim F. de Godoy.
384) C.P. 565, 18100 Soroçaba, SP-Dir: Gastão Lima N.
385) Rua Cel. Joaquim Alves 240, 43000 Batatais, SP.
386) Rua Sarmiento Leite 426, 90000 Porto Alegre, RS-DG: Carlos Urbim.
387) C.P. 262, 36100 Juiz de Fora, MG-DG: Geraldo Mendes.
388) SRTV/Sul, Quadra 701 bloco E, Térreo, 70330 Brasilia, DF-Dir: Nelson Veiga.
389) Av. Governador José Malcher 1332-Gte: Lopo de Castro.
390) Rua Getúlio Vargas 1050, 87700 Paranavai, PR.
391) Rua Joaquim Nabuco 1573, 78900 Porto Velho, RO.
392) Rodovia Augusto Hasse 1377, 89130 Indaial, SC-Dir: Waldimirio Grundmann.
393) C.P. 88, 55100 Caruaru, PE-Gte: Liezed Alvara.
394) Av. Brasil 151, 86300 Cornelio Procopio, PR-Dir: Mateus Reghin.
395) C.P. 114, 84100 Ponta Grossa, PR.
396) Rua João Carlos Machado 645, 98470 Irai, RS.
397) Av. Getúlio Vargas 951, 44100 Feira de Santana, BA.
398) Rua Luz 2351, 35590 Lagoa da Prata, MG.
399) Olavo Bilac 693, 16400 Lins, SP.
400) Av. Monumental Papa João Paulo II 221, 12570 Aparecida, SP — DG: Liliane Freitas.
401) Rua Marquez de Paranagua 259, 45660 Ilheus, BA.
402) Av. dos Magnos Quadra 9, lote 15, 78260 Sinop, MT.
403) C.P. 25, 89200 Joinville, SC.
404) Rua México 111, 20031 Rio de Janeiro, RJ-Dir: S. Pires C.
405) Praça Pio X, 59000 Natal, RN-Dir: Angelo Dautas Barreiro.
406) Rua Marechal Deodoro 365, 87700 Tubarão, SC.
407) Rua Torres Gonçalves 33, 99700 Erexim, RS.
408) Rua Alcides Filau 71, 98870 Giruá, RS.
409) C.P. 236, 17600 Marilia, SP-Gte: José Marques Bento.
410) Rua Jeremias de Paula Eduardo 916, 15910 Monte Alto, SP.
411) Av. Brasil s/n, 87300 Campo Mourão, PR.
412) C.P. 149, 85500 Cel. Vivida, PR-DG: Mateus Cassol.
413) Rua 08 No. 497, 74000 Goiânia, GO-Gte: Amin Cozar.
414) Rua Ramiro Barcelos 258, 96500 Cachoeira do Sul, RS.
415) Rua das Palmeiras 315, 01226 São Paulo, SP-DG: Francisco F.M. Paes de Barros.
416) Rua João Machado 938, 58000 João Pessoa, PB-Dir: Roberto Guedes C.
417) C.P. 107, 83100 São José dos Pinhais, PR-DG: Claudio Ribeiro.
418) C.P. 79, 28100 Campos, RJ-DG: Alair Ferreira.
419) C.P. 604, 16100 Araçatuba, SP-Dir: Oscar L. Piconez.
420) C.P. 91, 14940 Ibitinga, SP-Dir: Roque de Rosa.
421) Rua Dr. José Alves 33, 13800 Mogi Mirim, SP-Dir: Fernando Oliveira Abreus S.
422) Av. Higienópolis 2100, 86100 Londrina, PR-Dir: R. Spinosa.
423) Rua Marechal Deodoro 1644, 89800 Chapecó, SC-Dir: Alfredo Lang.
424) Rua Bocaiúva 117, 88000 Florianópolis, SC-DG: Darci Lopes.
425) Rua Padre Oswaldo Stracke 56, 96900 Sobradinho, RS.
426) C.P. 80, 97650 Itaqui, RS-Gte: José Ignácio Dornelles.
427) Rua Galvão Osorio 1160, 96300 Jaguarão, RS.
428) 63660 Tauá, CE.
429) C.P. 85, 38440 Araguari, MG-Gte: W. Gebrim.
430) Rua Areião Domata Douro s/n, 34000 Nova Lima, MG-DG: José de Mattos.
431) Rua Joaquim Pereira Teixeira 135, 79900 Ponta Porá, MS.
432) Rua Benedito Monteiro s/n, 78150 Varzea Grande, MT.
433) Rua dos Andrades 1155, 90000 Porto Alegre, RS-DG: Luiz E. Moreira.
434) Rua Floriano Peixoto 780, 5000 Recife, PE.
435) C.P. 95, 18540 Porto Feliz, SP-DG: Walter Casteluici.
436) Rua Mario Galvão s/n, 12200 São José dos Campos, SP.
437) Rua Duque Caxias 260, Taquaritinga, SP.
438) 36170 Boa Esperança, MG.
439) Rua Conselheiro José Julio 126, 62100 Sobral, CE-Gte: Marcelo Palhano.
440) Rua Jataí 18, 76260 Qurinópolis, GO.
441) Rua 48 No. 288, 76650 Itapurangá, GO.
442) Rua João Winckler 15, 89820 Xanxeré, SC.
443) C.P. 1277, 97100 Santa Maria, RS.
444) Av. A. Vajconcelos 583, 66000 Belém, PA — Dir: Jayme Ferreira Bastos.
445) C.P. 258, 17600 Tupá, SP-Gte: J.A. Neto.
446) Rua do Expedicionário 30, 55100 Caruarú, PE-DG: José Almeda.
447) Rua 15 de Novembro 453, 84100 Castro, PR.
448) Rua Raul Vieira 562, 62900 Russas, CE.
449) Rua Herculano Lobo 80, 77200 Formosa, GO.
450) C.P. 30, 89520 Curitibanos, SC-Gte: Vigilio Tambosi.
451) Travessa Andre Kopael s/n, 96750 Butía, RS.
452) Av. Dezesete 560, 14800 Barretos, SP.

453) Rua Um 1539, 15300 Rio Claro, SP-DG: Orlando Fracutelli.
454) Rua Saturno 360, 37400 Campanha, MG.
455) C.P. 41, 36880 Muriaé, MG-DG: Paulo R. Barros S.
456) Rua São Paulo 258, 35500 Divinópolis, MG.
457) São Paulo, SP.
458) Rua Augosto José dos Santos 77, 30000 Belo Horizonte, MG.
459) Rua Teodoro Pacheco 1179, 64000 Teresina, PI.
460) C.P. 809, 29000 Vitória, ES — DG: J.A. Figueiredo.
461) Rua Zulmira Canavarros 285, 78000 Cuiabá, MT — Dir: J. Oliveira.
462) Rua 15 de Novembro, 88790 Laguna, SC.
463) Rua Rui Barbosa 96, 95180 Farroupilha, RS.
464) 97540 Alegrete, RS.
465) Rua Tenente Lyra 950, 98400 Frederico Westphalen, RS.
466) C.P. 100, 96100 Pelotas, RS.
467) Rua 15 de Novembro 539, 13730 Mococa, SP.
468) Rua Almirante Barroso 456, 19400 Presidente Wenceslau, SP.
469) Rua São Paulo 731, 15600 Fernandópolis, SP.
470) Rua Visconde do Rio Branco 617, 12100 Taubaté, SP-Dir: David Oiring.
471) C.P. 486, 18100 Soroçaba, SP.
472) Av. Bandeirantes 828, 86100 Londrina, PR.
473) C.P. 61, 89100 Blumenau, SC.
474) Rua Siqueira Campos 33, 89400 Porto União, SC.
475) C.P. 83, 58100 Campina Grande, PB-DG: Marconi Goes.
476) 69930 Brasiléia, AC.
477) Estrada dos Moraes s/n, 69190 Maués, AM.
478) Av. F. Flicério 957, 13100 Campinas, SP.
479) Rua Beaurepaire Rohan 44, 80000 Curitiba, PR.
480) C.P. 157, 96400 Bagé, RS-DG: J. H. Biancullo Gallo.
481) Av. Bento Gonçalves 1311, 95520 Osorio, RS-DG: Claudio Zappe.
482) Rua Sete de Setembro 366, 99100 Passo Fundo, RS.
483) C.P. 101, 59600 Mossoró, RN-DG: Angelo A. Fernandes.
484) 69440 Anori, AM.
485) C.P. 258, 85900 Toledo, PR.
486) Rua do Russel 434, 22210 Rio de Janeiro, RJ-Dir: Paulo Mourão.
487) Praça Senador Eneas Araujo 61, 57500 Santana do Ipanema, AL.
488) C.P. 311, 69000 Manaus, AM-Dir: José Joaquim Marinho.
489) Parque do Bom Menino, 65000 São Luiz, MA — DG: Oscar Ferreira.
490) Rua Mauricio Cardoso 697, 99300 Soledade, RS.
491) Rua Aprigio Duarte 4, 48900 Juazeiro, BA-Dir: Osvaldo Benevides.
492) Rua Ruiz Dutra 371-Alecrim, 59000 Natal, RN — Dir: Mauricio Pandolphi.
493) Rodovia Sp215, Km. 74, 13650 Santa Cruz das Palmeiras, SP — DG: Irani Baston.
494) C.P. 6, 30000 Belo Horizonte, MG.
495) 89835 São Domingos, SC.
496) Av. Londrina 500, 87970 Nova Londrina, PR.
497) C.P. 11544, 05099 São Paulo, SP-Dir: Renato Ferreari.
498) C.P. 195, 99700 Erechim, SC-DG: Idyllio S. Badalotti.
499) Proximo ao. Km 232 da Br. 392, 97340 São Sepe, RS.
500) C.P. 222, 60000 Fortaleza, CE-Dir: Manuel E. Pinheiro Campos.
501) Morro do Peru Pelado, 44700 Jacobina, BA.
502) Praça Colonel Fernando Prestes 45, 18100 Soroçaba, SP-DG: Salomão Pavlovsky.
503) C.P. 7133, 80000 Curitiba, PR-Gte: Nagibe Chede.
504) Rua Domingos de Almeida 1722, 97500 Uruguaiana, RS-Gte: J.A. Souto.
505) C.P. 134, 29300 Cachoeira de Itapemirim, ES-DG: Idalécio Carone Filho.
506) Av. Senhor dos Passos 792, 44100 Feira de Santana, BA-Dir: A.N. Fonseca.
507) Rua Marechal Deodoro 213, 16100 Araçatuba, SP-Dir: Mirson Duarte.
508) Rua Gonçalves Dias 208, 19800 Assis, SP.
509) C.P. 209, 17100 Bauru, SP-DG: Maximo Duarte.
510) Rua São Sebastião 145, 14870 Jaboticabal, SP-Dir: Carlos Assoni Netto.
511) Av. Patricio Lima 3163, 88700 Tubarão, SC.
512) C.P. 173, 38400 Uberlândia, MG-Dir: E. Costa.
513) C.P. 102, 37100 Varginha, MG-Dir: Silas Sampaio Morães.
514) Av. Presidente Vargas 266, 64200 Parnaiba, PI-Dir: C. Franklin Veras.
515) Av. Rui Barbosa 1236, 55300 Garunhuns, PE-Gte: Lúcio M.P. dos Santos.
516) Rua do Russel 434, 22210 Rio de Janeiro, RJ-Dir: Armando Queiros.
517) Rua Barão do Triunfo 438, 58000 João Pessoa, PB-Dir: Hilton C. Motta.
518) Area situada Bairro Ponte Junto ao. Riacho Ponte, 65600 Caxias, MA.
519) C.P. 13, 74000 Goiânia, GO.
520) 13100 Campinas, SP.
521) 18300 Capão Bonito, SP.
522) 88100 São José, SC.
523) Av. Brasil 3049, 35100 Governador Valadares, MG.
524) C.P. 856, 11100 Santos, SP-DG: H. da Rocha Brito.
525) Rua Coronel Urbano de Sena 956, Cajueiro, 50000 Recife, PE-DG: Humberto de Mota Pinto.
526) 89890 Cunha Porá, SC.
527) C.P. 34, 76820 Ipameri, GO-Gte: W. Naves.
528) Julio de Castilhos 430, 95290 Bom Jesus, RS.
529) Rua General Osorio 1134, 98200 Ibiruba, RS-Dir: Olavo Stefanelli.
530) Rua Dom Pedro II No. 98, 48100 Alagoinhas, BA.
531) 96700 São Jeronimo, RS.
532) Rua Armando de Barros 483, 18600 Botucatu, SP.
533) Rua 15 No. 83, 76700 Ceres, GO.
534) Rua Rio Mossoró s/n, esq. Argo Verde C/BR 40, 32000 Contagem, MG.
535) C.P. 110, 38300 Ituiutaba, MG.
536) Rua Maracaju 858, 79100 Campo Grande, MS.
537) Rua Dr. Vicente Machado 1384, 85100 Guarapuava, PR-DG: V. Machado.
538) C.P. 336, 89200 Joinville, SC-DG: Ramiro Gregório da Silva.
539) 15 de Novembro 717, 96100 Pelotas, RS-Dir: E. Menegoto.
540) C.P. 6, 37700 Poços de Caldas, MG-DG: Trojano Barroco.
541) Praça Colonel Gonçalo Prado s/n, 49200 Estância, AL-DG: Jorge Prado Leite.
542) Av. Paraná 596, Matelândia, PR.
543) Av. Getúlio Vargas 500, 97700 Paranavai, PR.
544) Av. dos Pinheiros 1970, 85650 Santa Isabel do Oeste, PR-DG: Cestilio J. Motto.
545) Rua São Bonfácio 280, 89896 Itaperanga, SC-DG: Libório Luiz Jaeger.
546) C.P. 707, 95100 Caxias do Sul, RS.
547) C.P. 37, 79600 Tres Lagoas, MS-DG: Osmar Tácio de Lima.
548) Praça São Sebastião 137, 69460 Coari, AM-Pres: Padre Alyrio Lima dos Santos.
549) Rua Coronel Zeze, 63700 Crateus, CE.
550) Av. da Saudade 200, 12280 Caçapava, SP.
551) Av. Marcelino Pires s/n, 79800 Dourados, MS.
552) Rua Morón 1520, 96500 Cachoeira do Sul, RS.
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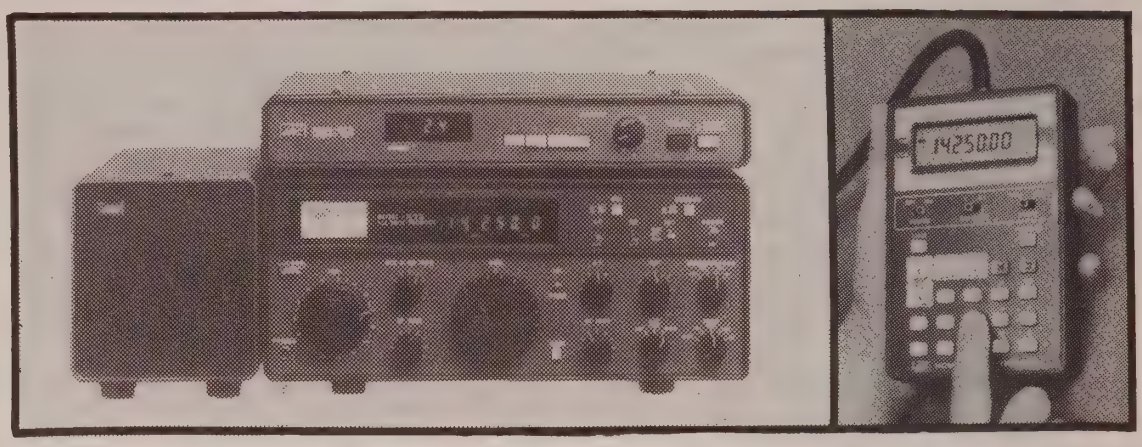

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864) Rua Monsenhor Valeriano s/n, 58840 Pombal, PB.
865) Rua Castro Alves 191, 45570 Ipiaú, BA.
866) 83750 Lapa, PR.
867) Rua Tristão Monteiro 2140, 95600 Taquara, RS.
868) C.P. 63, 15600 Fernandópolis, SP-DG: Leodegario F. de Oliveira.
869) Rua Marechal Floriano Peixoto 1149, 15400 Olimpia, SP.
870) Travessa São João 47, 09000 Santo André, SP.
871) Av. Paraná 442, 86300 Cornelio Procopio, PR.
872) Rua Rio de Janeiro 745, 85960 Marechal Candido Rondon, PR-DG: Guido Port.
873) Av. Presidente Vargas 1893, 79730 Glória de Dourados, MS.
874) Praça da Matriz s/n, Pocone, MT.
875) Colider, MT.
876) 97610 São Francisco de Assis, RS.
877) Rua Silveira Martins 153, 96600 Canguaçu, RS.
878) Rua Dr. Eugenio Cardeiros 28, 28800 Rio Bonito, RJ-DG: Ewaldo Ramos V.
879) Rua Dr. Getúlio Vargas 100, 89140 Ibirama, SC.
880) Rua do Comercio 476, 89810 Xaxim, SC.
881) Rua Coronel Alexanzito 835, 62800 Aracati, CE-DG: Ernesto Gurgel do Amaral Valente.
882) C.P. 6, 57200 Penedo, AL-Dir: J. Soares S.
883) Av. Brasil 272, 77150 Goianésia, GO-DG: Antônio Lopes da

Silva.
884) Rua Manoel Alves de Abreau s/n, 65700 Bacabal, MA.
885) 68460 Tucurui, PA.
886) Rua 3 de Maio s/n, 56800 Afogadas da Ingazeira, PE.
887) C.P. 121, 84400 Prudentópolis, PR.
888) Rua 100, 01 Bairro Laranjal, 27180 Volta Redonda, RJ-Gte: José do Souza Pinto Lopes.
889) Rua 15 de Novembro 236, 96570 Caçapava do Sul, RS.
890) 12400 Pinda Monhangaba, SP.
891) Av. Leopoldo Carlos de Oliveira 1038, 14530 Miquelópolis, SP.
892) C.P. 66, 06000 Osasco, SP-DG: Joaquim Gutier Navarro Filho.
893) Rua Peixoto 31, 36570 Viçosa, MG-DG: João Bosco Torres.
894) Rua Hildo Furtado s/n, 62760 Baturité, CE.
895) Rua General Camara 155, 11100 Santos, SP.
896) Rua Capitão Miranda s/n, 62370 São Benedito, CE.
897) Primera Av. 105, centro, 76360 Mineiros, GO.
898) Av. Brasilia 2054, 89870 Pinhalzinho, SC-Dir: Valerio Braun.
899) 58970 Conçeicão, PB.
900) Conçeição do Araguaia, PA.
901) Margem Direita da Br. 135, 64980 Corrente, PI.
902) C.P. 72, 86500 Venceslau Bras, PR.
903) C.P. 304, 86700 Arapongas, PR.
904) C.P. 86, 89250 Jaragua do Sul, SC-DG: Marcos Dalprá.
905) Av. Camoes 236, 88500 Lages, SC.
906) C.P. 61, 36900 Manhumirim, MG-DG: José Mucio Gonçalves.
907) Av. J.K. 30, Br. 135 Km2, 35790 Curvelo, MG.
908) Av. Contorno s/n, 46400 Caetité, BA-Dir: Francisco Helio Negretros.
909) Av. Nove de Julho s/n, 15200 José Bonefácio, SP.
910) Av. Mario Correa s/n, 79150 Maracaju, MS.
911) Rua 13 de Maio 249, 79500 Paranaiba, MS.
912) 78700 Cáceres, MT.
913) C.P. 253, 38100 Uberaba, MT-DG: Fauze Miguel Hues.
914) C.P. 28, 37900 Passos, MG-Dir: Marcos Antônio Ferreira P.
915) 35540 Oliveire, MG.
916) 55370 São Bento do Una, PE.
917) Rua Barão de Cotegipe 90, 28100 Campos, RJ-Dir: Arnaldo Tavares.
918) Rua José Augusto da Costa 14, 25500 Teresópolis, RJ-Dir: Cid de Paula Camargo.
919) C.P. 30, 64800 Floriano, PI-DG: Francisco Antão Reib.
920) Estrada Caraubas Janduis s/n, 59780 Caraubas, RN.
921) C.P. 70, 76140 Goiatuba, GO.
922) 76700 Ceres, GO.
923) 79990 Amambai, MS.
924) C.P. 234, 89120 Timbó, SC.
925) Rua Floriano Peixoto 36, 16400 Itapeva, SP-Dir: Antônio Lerma.
926) Rua Dr. Ricardo Vitela 568, 08700 Mogi das Cruzes, SP.
927) C.P. 66, 13990 Pinhal, SP-DG: José V. Sales.
928) Rua Pres. João Goulart, 97570 Santana do Livramento, RS.
929) Rua Rui Barbosa 255, 99600 Nonoai, RS.
930) Rua Barão Rio Branco 405, 89500 Caçador, SC.
931) Praça Henrique Leje 787, 88780 Imbituba, SC.
932) Rua São José 502, 35680 Itaúna, MG.
933) Rua Ledo 125, 37470 São Lourenço, MG.
934) Travessa Vale Porto 240, 83370 Antonina, PR.
935) Rua 5 de Julho s/n, 85940 Palotina, PR.
936) Rua do Livramento 189, 20221 Rio de Janeiro, RJ-DG: Jessé Rocha.
937) 65370 Pindaré Mirim, MA.
938) Rua Sete de Setembro 960, 96500 Cachoeira do Sul, RS.
939) C.P. 267, 86870 Ivaipora, PA-DG: Edmundo Cardoso Netto.
940) Rua Ribeiro São Domingos 689, 38280 Iturama, MG.
941) Praça Emilio Garrastazu Medici s/n, 76240 Santa Helena de Goias, GO.
942) Av. Borges de Medeiros 407, 96760 Tapes, RS.
943) Rua 13 de Maio 42, 36200 Barbacena, MG.
944) Rua Tenente Virmondes 415, 38400 Uberlândia, MG.
945) 79480 Rio Verde do Mato Grosso, MS.
946) Rua Siqueira Campos 108, 55150 Bela Jardim, PE.
947) Praça Couto Magalhaes 300, 39100 Daimantina, MG.
948) Rua Rui Barbosa 128, 46430 Guanambi, BA-Gte: Floriavaldo Alves Pereira.
949) Rua Coronel Bento Pires 1098, 18270 Tatuí, SP.
950) Rua Siqueira Campos, 86390 Cambará, PR.
951) Av. Getúlio Vargas 9, 94600 União da Vitória, PR.
952) Rua Maua 2518, 85770 Realeza, PR.
953) Rua Paulino Padilha 80, 28460 Miracema, RJ-DG: Orlando Mercadante.
954) Rua São Francisco s/n, 89893 Mondaí, SC.
955) 76570 Jussara, GO.
956) C.P. 33, 88300 Itajai, SC.
957) Rua Pinheiro Machado 628, 93100 Cruz Alta, RS-DG: Frederico A. Balve.
958) C.P. 144, 96450 Dom Pedrito, RS-DG: Pascoal Marcelo Brandi.
959) Praça São Vicente 64, 35610 Dores do Indaiá, MG.
960) Praça Senador Eduardo Amaral 39m, 37550 Pouso Alegre, MG.
961) Rua Coronel Antonio Joaquim 2148, 62930 Limoeiro do Norte, CE.
962) 93000 São Leopoldo, RS.
963) Rua Frei Alberto Cabral s/n, 59100 Nova Cruz, RN.
964) C.P. 358, 87200 Cianorte, PR-DG: Arnaldo Prado Ruiz.
965) Rua Angelo Dalzotto 810, 99950 Tapejara, RS-Gte: Alceu Basso.
966) C.P. 125, 17930 Tupi Paulista, SP-Gte: Josué Matias.
967) Jardim Praia do Sul, 11680 Ubatuba, SP.
968) Rua Lourenço Müller 109, 88600 São Joaquim, SC.
969) Av. Independéncia 1233, 97650 Itaqui, RS.
970) Rua Tenente Antônio João 1592, 79700 Fatima do Sul, MS.
971) Av. Nilo Pecanha 572, 45400 Valença, BA.
972) Rua Dr. Antônio Balduino 1652, 76680 Inhumas, GO-DG: Lúisio de Freitas Borges.
973) C.P. 4, 13600 Botucatu, SP-DG: Elicio Placio Paganni.
974) C.P. 403, 06000 Osasco, SP-DG: Francisco Rossi.
975) Av. Getúlio Vargas 422, 37410 Três Corações, MG-DG: Fausto Mesquita Ximenes.
976) Rua Marechal Deodoro 414, 86530 Siqueira Campos, PR.
977) 78930 Ji-Paraná, RO.
978) Av. Prefetura Jaques Nunes 1153, 62320 Tianguá, CE-DG: Tibúrgio Gonçalves de Paula.
979) Rua Quinze de Novembro 108, 89665 Capizal, SC.
980) Rua Benjamin Constant 126, 97700 Santiago, RS.
981) Itagiba 181, 88880 Lauro Müller, SC.
982) Praça Getúlio Vargas 81, 36400 Conselheiro Lafaiette, MG.
983) Rua Duque de Caxias 627, 25800 Tres Rios, RJ-DG: Edson Jorges.
984) Praça Marcelino Mendes 430, 45100 Vitória de Conquista, BA.
985) 58755 Princesa Isabel, PE.
986) 15350 Auriflama, SP.
987) Rua Joaquim Geraldo 169, 88240 São José Batista, SP.
988) Rua Dom José Carlos Aguirre 567, 18460 Itararé, SP.
989) Rua Pedro de Toledo 205, 19700 Paraguaçu Paulista, SP.
990) Rua Regente Feijo 121, 13360 Capivari, SP.
991) Praça Nossa Senhora do Carmo 224, 38500 Monte Carmelo, MG.
992) Praça Coronel Ramos 3, 39270 Pirapora, MG.
993) 35500 Divinópolis, MG.
994) Rua José Vaz Porto 175, 11400 Guarujá, SP.
995) Av. Getúlio Vargas 106, 88900 Araranguá, SC.
996) 89540 Santa Cecilia, SC.
997) Rua Voluntários da Patria 14332, 97590 Rosario do Sul, RS.
998) C.P. 920, 25600 Petrópolis, RJ-DG: Cid de Paula Camargo.
999) C.P. 135, 14600 São Joaquim da Barra, SP-Dir: Mario A. Tiverón Alexandre.
1000) Rua Prof. João Candido Ferreira 315, 86800 Apucarana, PR-Dir: J. Mello M.
1001) Av. Dambrios e Piva 933, 85600 Francisco Beltrão, PR.
1002) Rua 14 de Julho 588, 95300 Lagoa Vermelha, RS.
1003) Rua Travessa Butanta 90, 98900 Santa Rosa, RS.
1004) C.P. 20, 37540 Santa Rita do Sapucai, MG.
1005) Av. Angelo Macalós 246, 99400 Espumoso, RS-DG: Remo Fassioni.
1006) Rua Aldeodato de Almeida 191, 36520 Visconde do Rio Branco, MG-DG: Adilson Cunha Honório.
1007) C.P. 111, 85830 Formosa do Oeste, PR.
1008) 58187 Picuí, PB.
1009) Av. Bernardo Salão 371, 76750 Rialma, GO-DG: José P. Rego.
1010) Rua Pereira Guimarães, 76200 Rio Verde, GO.
1011) C.P. 119, 76840 Pires do Rio, GO-DG: Ulysses B. de Oliveira.
1012) Praia Do Morro, Av. Leblon, 29200 Guarapari, ES.
1013) C.P. 91, 85760 Capanema, PR-Gte: Moises Cruz.
1014) C.P. 09, 85400 Guaraniaçu, PR-DG: Caetano B. Filho.
1015) 95320 Nova Prata, RS.

1016) 98240 Santa Bárbara do Sul, RS.
1017) C.P. 8, 89910 Descanso, SC.
1018) Rodovia SC422, Km3, 89190 Taió, SC.
1019) Av. Dr. Januário Miraglia 1337, 12460 Campos de Jordão, SP.
1020) Rua Poeta A. Martins, 62640 Pentecoste, CE.
1021) Rua Vereador Darcy Teixeiro Fontes 556, 23800 Itaguai, RJ.
1022) Rua Dr. Getúlio Vargas 63, 37200 Lavras, MG.
1023) Praça Felix Martins 88, 36700 Leopoldina, MG-Dir: Gerci Ribeiro de Vale.
1024) 77160 Niquelândia, GO.
1025) 65415 Coroata, MA.
1026) C.P. 221, 17890 Junqueirópolis, SP-DG: José Sinicato.
1027) Rua Tatui 321, 09000 Santo André, SP.
1028) C.P. 68, 15170 Tanabi, SP-DG: Ayrton Pires Dominques.
1029) Rua Santos Dumont 280, 63600 Senador Pompeu, CE.
1030) Rua Sebastião Teixeira Paiva 37, 13950 Socorro, SP.
1031) Av. Presidente Vargas s/n, 79570 Aparecida do Taboada, MS.
1032) Av. da Saudade, quadra 146, 79940 Caarapo. MS.
1033) 79540 Cassilândia, MS.
1034) C.P. 199, 18700 Avaré, SP.
1035) Rua XV de Novembro 3544, 85100 Guarapuava, PR.
1036) 28360 Bom Jesus de Itabapoana, RJ.
1037) Av. Nilo Pecanha 572, 27600 Valença, RJ.
1038) Rua Major Garcia 555, 76660 Itaberai, GO-DG: Baltar de Lima.
1039) C.P. 134, 85590 Dois Vizinhos, PR.
1040) C.P. 45, 89330 Rio Negrinho, SC-DG: Ireneu Pedro Brusky.
1041) Rua João Belarmino Guerra 570, 55870 Timbaúba, PE-Dir: Gilson Muniz Dias.
1042) Rua Pedro Andreazza, 89560 Videira, SC-Gte: Wilma Dantin.
1043) Rodovia SC-444, Linha Tres Ribeirões, 88820 Içara, SC.
1044) Rua do Commercio 163, 89885 São Carlos, SC.
1045) Praça da República 136, 37130 Alfenas, MG.
1046) C.P. 557, 38400 Uberlândia, MG-Pres: Tubal de Siqueira da Silva.
1047) Rua José Giestas 129, 29600 Afonso Claudio, ES-DG: José C. Fontan.
1048) Rua Catalão 671, 76540 Iporá, GO-Dir: Sebastião Alves Cruzivel.
1049) Rua Francisco Pompeu s/n, 17340 Barra Bonita, SP-Dir: José Ferreti.
1050) C.P. 154, 16400 Birigui, SP-Dir: Libério Telies.
1051) 38810 Rio Parnaiba, MG.
1052) C.P. 199, 84500 Irati, PR-DG: Nagib Harmuch.
1053) Rua Assis Brasil 83, 98130 Julio de Castilhos, RS.
1054) Rua Dr. Teixeira 16, 44340 Muritiba, BA.
1055) Rua Dr. Ary Coelho de Oliveira 549, 79240 Jardim, MS.
1056) C. Raymundi 298, 99840 Sananduva, RS.
1057) Rua José Bonifácio 29, 96330 Arroio Grande, RS-Gte: João Carlos Soraiva.
1058) C.P. 20, 95960 Encantado, RS.
1059) Rua Antônio Neto 1065, 64800 Floriano, PI-DG: Abdias Pereira da Silva.
1060) Av. Minas Gerais 584, 39510 Espinosa, MG-DG: Juraci Barbosa Lima.
1061) Alto da Boa Vista s/n, 36240 Santos Dumont, MG.
1062) C.P. 61, 38190 Sacramento, MG-DG: Sebastião Olinto Scalon.
1063) C.P. 41, 76800 Catalão, GO-DG: Frei Sebastião Queiros.
1064) Av. Paraná s/n, 79960 Eldorado, MS-DG: Alici Capriole Carrocine.
1065) Rua São Paulo 489, 86840 Faxinal, PR-DG: Jorge A. Maia Filho.
1066) Rua São Paulo 180, 86380 Andira, PR-Dir: Vinicio F. de Resende.
1067) 89480 Major Vieira, SC.
1068) Rua Emilianosa 133, 88400 Ituporanga, SC.
1069) 78940 Rolim de Moura, PR.
1070) 28400 São Fidelis, RJ.
1071) Av. Argentina 398, 98980 Porto Lucena, RS.
1072) Rua Voluntários da Patria 805, 98100 Cruz Alta, RS.
1073) C.P. 5, 35480 Congonhas, MG.
1074) Humaita, AM.
1075) Cruzeiro do Sul, Acre.
1076) Av. Castelo Branco 287, 69910 Senador Guiomard, AC-Dir: José de Souza Lopes.
1077) Rua José Bonifácio 765, 13690 Descalvado, SP-Dir: Pedro Gaspar.
1078) Soc. Civil R. Dif. Universitaria, Rua Dr. Timóteo Penteado 2207, 07000 Guarulhos, SP.
1079) Rua Genni Assis, 69930 Brasileiá, AC-DG: Carlos Henriques S. de Oliveira.
1080) Praça Fernando Nobre s/n, 69980 Cruzeiro do Sul, AC.
1081) C.P. 129, 79300 Corumbá, MS-Gte: Samuel Paiva de Figuieredo.
1082) Rua Saldanha Marinho 666, 69000 Manaus, AM.
1083) Rua Municipal del Belmont s/n, 78900 Porto Velho, RO-DG: José Faid Ribeiro Faria.
1084) Av. Almirante Barroso 735, 66000 Belém, PA-DG: Orlândo Mendes Carneiro.
1085) Rua Pedro Gama 413-E, alto do Sobradinho Federação, 40000 Salvador, BA-DG: Carlos A. Moreira Sinoês.
1086) C.P. 62, 88000 Florianópolis, SC-DG: Matheus Iensen.
1087) **RADIOBRAS** C.P. 04/0340, 70000 Brasilia, DF. **Te:** 226-9100. **Telex:** 061-1682.
**L.P:** DG: Lourival Massa da Costa; Dir.Adm: Laumar Melo Vasconcelos; Dir.Prgr: Fausto Weller; Dir.Tec: Jorge Alberto Scandiuzzo.
**D.Prgr.** in Portuguese on 6065/11780/15445kHz ("R.Nacional de Amazonia") as above; "Repórter Brasileiro" (news for Brazilian expatriots): 1750-1800 (Mon-Fri) on 15270kHz.
**EXTERNAL SERVICE** to Europe: 1800-1850 English on 15270kHz, 1850-1950 German on 15270/17755kHz; to Africa/Middle East/So. Asia: 1950-2050 French & 2100-2200 Portuguese on 15270kHz; to the Americas: 2350-0050 Spanish on 9655kHz, 0100-0200 Spanish on 15290kHz, 0200-0300 English on 15290kHz — **V:** by QSL-card.
**R. Suriname Internationaal** in Dutch: see listing under "Surinam".

**V.** SW verifications received in 1983/84 from st's 9), 28), 37), 38), 45), 48), 54), 55), 71), 77), 95), 103), 111), 114), 118), 121), 124), 132), 133), 148), 150), 154), 192), 204), 221), 232), 239), 253), 255), 256), 287), 301), 313), 316), 325), 329), 332), 341), 346), 355), 415), 416), 418), 461), 489), 494), 497), 503), 513), 519), 548), 560), 561), 575), 578), 580), 581), 602), 631), 647), 664), 668), 687), 713), 729), 738), 751), 757), 892), 936), 1077), 1078), 1081), 1082), 1083), 1084), 1086), 1087).

### VOICE OF AMERICA RELAY STATION

**ADDR:** VOA, Washington, DC 20547, USA.
**STATIONS:** Brasilia 2 x 250kW tr's are operated by Radio Bras.

| kHz | kHz | kHz | kHz |
|---|---|---|---|
| 9580 | 15205 | 17710 | 17885 |

**D.PRGR:** Relay VOA Spanish to So. America 1130-1400 & 0100-0300.
**ANN, INT-SIG, V:** See main entry, under "USA".

## CHILE

**L.T:** UTC − 4h — **Pr.L:** Spanish — **E.C:** a/c 50, 220/380V (yes).

### SUBSECRETARIA DE TELECOMUNICACIONES

**ADDR:** Amunátegui 139, Santiago. **Postal Addr:** Clasificador 120, Correo 21, Santiago. **Te:** 726503. **Cable:** Subtel. **Telex:** 40200.
**L.P:** Jefe de la Adm: Italo Seccatore Gómez. Jefe. Adm. de Frecuencias: Claudio Pezoa L.

### ASOCIACIÓN DE RADIO DIFUSORAS DE CHILE

**ADDR:** Cas. 10476, Santiago de Chile. **Te:** 398755. **Cable:** Archi.
**L.P:** Pres: Ricardo Bezanilla Renovales. Secr. Gral: Carlos Wilson Marin. Secr. Adm: Horacio Gujardo Contreras de Villaseca.

**STATIONS: SW:** Call letters CE are used for all zones.
**MW:** Call letters CA, CB, CC and CD indicate: A = No. Zone, B = Central Zone, C = So. Zone and D = Antarctic Zone. The figures indicate the freq. in kHz minus one cipher, f. inst. CB82 = Central Zone 820kHz.

**Mediumwaves:** ° = Shortwave, v = varying freq.

| | Call | kHz | kW | Name, location and h. of tr. |
|---|---|---|---|---|
| 1) | CB54 | 540 | 1 | R. Ignacio Serrano, Melipilla |
| 2) | CD54 | 540 | 1 | R. Calle Calle, Valdivia: 1030-0430 |
| 3) | CB57 | °570 | 50 | R. Agricultura, Santiago: 1000-0400 |
| 4) | CA59 | 590 | 1 | R. Minería, Antofagasta: 1030-0430 |
| 5) | CC59 | 590 | 1 | R. Caracol, Concepción: 1000-0401 |
| 6) | CD59 | 590 | 10 | R. Pres. Ibañez, Punta Arenas: 1000-0500 |
| 6x) | CB60 | 600 | 10 | R. Gigante, Santiago |
| 7) | CA62 | 620 | 1 | R. Norte Verde, Ovalle: 1100-0400 |
| 8) | CC62 | 620 | 10 | R. Bío-Bío, Concepción: 24h |
| 9) | CB63 | 630 | 10 | R. Amapola, Valparaíso |
| 10) | CD64 | 640 | 10 | R. Cooperativa, Temuco: 1055-0400 |
| 11) | CB66 | 660 | 50 | R. Chilena, Santiago: 1030-0500 |
| 12) | CA68 | 680 | 10 | R. El Loa, Chuquicamata: 1100-0400 |
| 13) | CC68 | °680 | 10 | R. Universidad de Concepción: 1100-0300 |
| 14) | CB69 | 690 | 10 | R. Santiago, Santiago: 1030-0500 |
| 15) | CD69 | 690 | 10 | R. Estrella del Mar, Ancud |
| 16) | CB73 | 730 | 10 | R. Cooperativa, Valparaíso: 1000-0415 |
| 17) | CD73 | 730 | 0.25 | R. O'Higgins, Los Angeles |
| 18) | CD73B | 730 | 1 | R. Aysen, Pto. Aysen: 1100-0330 |
| 16) | CB76 | 760 | 75 | R. Cooperativa, Santiago: 1000-0430 |
| 19) | CD78 | 780 | 10 | R. S.A.G.O., Osorno: 1030-0400 |
| 20) | CB80 | 800 | 5 | R. Mineria, Viña del Mar: 1000-0500 |
| 21) | CA82 | 820 | 1 | R. Nal. de Chile, La Serena |
| 22) | CC82 | 820 | 1 | R. Almirante, Latorre, Talcahuano: 1000-0430 |
| 23) | CD82 | 820 | 1 | R. Concordia, La Unión: 1130-0330 |
| 25) | CA84 | 840 | 0.25 | R. Pampa, Maria Elena |
| 26) | CB84 | 840 | 10 | R. Diego Portales, Valparaíso: 1030-0500 |
| 27) | CD84 | °840 | 10 | R. Santa Maria, Coyhaique: 1030-0300 |
| 28) | CC86 | 860 | 10 | R. Portales, Concepción |
| 29) | CB88 | 880 | 10 | R. Alondra, Santiago: 1030-0400 |
| 30) | CA89 | 890 | 1 | R. Leon Trece, Pozo Almonte: 1200-0400 |
| 31) | CC89 | 890 | 1 | R. Interamericana, Concepción: 1055-0355 |
| 32) | CD89 | 890 | 10 | R. Nal. de Chile, Punta Arenas |
| 33) | CA90 | 900 | 1 | R. Univ. de Atacama, Copiapo: 1100-0400 |
| 8) | CB90 | 900 | 1 | R. Fundación, Valparaíso: 1100-0400 |
| 34) | CC90 | 900 | 1 | R. Nuble, Chillan: 1130-0400 |
| 35) | CD90 | 900 | 1 | La Voz de la Costa, Osorno |
| 36) | CA93 | 930 | 1 | R. Nal. de Chile, Antofagasta |
| 37) | CB93 | °930 | 10 | R. Nuevo Mundo, Santiago: 1200-0400 |
| 38) | CD93 | 930 | 10 | R. Reloncaví, Puerto Montt: 1100-0300 |
| 39) | CB96 | 960 | 10 | R. Carrera, Santiago: 1100-0400 |
| 40) | CD96 | 960 | 10 | R. Polar, Punta Arenas: 1000-0500 |
| 41) | CA97 | °970 | 1 | R. Calama, Calama: 1100-0300 |
| 42) | CC97 | 970 | 1 | R. Lautaro, Talca |
| 43) | CD97B | °970 | 1 | R. Patagonia Chilena, Coihaigue |
| 44) | CD97A | °970 | 1 | R. Austral, Valdivia |
| 45) | CA98 | 980 | 1 | R. Univ. de Tarapacá, Arica: 24h |
| 3) | CB98 | 980 | 10 | R. Agricultura, Valparaíso |
| 46) | CB100 | 1000 | 10 | R. Novisima, Santiago: 1100-0400 |
| 25) | CA101 | 1010 | 0.25 | R. Coya, María Elena: 1100-0200 |
| 47) | CD101 | 1010 | 10 | Emis. Ñielol, Temuco: 1000-0700 |
| 48) | CB103 | v1030 | 1 | R. Valentin Letelier, Valparaíso |
| 49) | CC103 | 1030 | 10 | R. Nal. de Chile, Concepción |
| 50) | CD103 | 1030 | 1 | R. Chiloé, Castro: 1200-0400 |
| 51) | CD103 | 1030 | 1 | R. Paine, Puerto Natales |
| 52) | CD104 | 1040 | 1 | R. Raíces, Curacautín |
| 53) | CB106 | °1060 | 100 | R. Minería, Santiago: 1000-0500 |
| 54) | CA108 | 1080 | 1 | R. Rio Elqui, Vicuña |
| 55) | CD108 | 1080 | 1 | R. Los Confines, Angol: 1100-0100 |
| 56) | CC109 | 1090 | 1 | R. Nal. de Chile, Talco: 1100-0500 |
| 57) | CD109 | 1090 | 1 | R. Minería, Punta Arenas: 1100-0400 |
| 58) | CA109 | 1090 | 1 | R. La Portada, Antofagasta |
| 59) | CB110 | 1100 | 10 | R. Recreo, Viña del Mar: 1100-0400 |
| 60) | CD111 | 1110 | 10 | R. La Frontera, Temuco: 1045-0500 |
| 61) | CB114 | °1140 | 100 | R. Nacional de Chile, "Emis. Metropolitana", Santiago: 1000-0400 |
| 62) | CC116 | 1160 | 1 | R. Ancoa, Linares: 1000-0600 |
| 63) | CB118 | °1180 | 50 | R. Diego Portales, Santiago: 1030-0430 |
| 64) | CA120 | 1200 | 1 | R. Almirante Blanco Encalada, Tocopilla |
| 3) | CD120 | 1200 | 10 | R. Agricultura Los Angeles: 1030-0530 |
| 65) | CA121 | 1210 | 1 | R. Universidad, Antofagasta: 1000-0400 |
| 66) | CB121 | 1210 | 1 | R. Viña del Mar, Viña del Mar: 24h |
| 67) | CC121 | 1210 | 1 | R. Universidad de Talca, Talca: 1100-0300 |
| 68) | CB124 | 1240 | 25 | R. Universidad de Santiago, Santiago: 1100-0400 |
| 69) | CA124 | 1240 | 1 | R. El Salitre, Iquique |
| 70) | CD125 | 1250 | 10 | R. Instituto Profesional, Valdivia: 1100-0400 |
| 71) | CA126 | °1260 | 10 | R. Nal. de Chile, Arica: 1000-0400 |
| 72) | CC126 | 1260 | 1 | R. Condell, Curicó |
| 74) | CB127 | 1270 | 10 | R. Festival, Viña del Mar: 1030-0600 |
| 75) | CD127 | 1270 | 1 | R. Univ. de la Frontera, Temuco: 1300-2100 |
| 76) | CB130 | 1300 | 1 | R. Andrés Bello, Santiago: 1130-0300 |
| 77) | CD130 | 1300 | 10 | R. Pilmaquén, Valdivia: 1000-0430 |
| 78) | CD130 | 1300 | 1 | R. Cabo de Hornos, Pto. Williams: 1100-0400 (n.1350) |
| 79) | CA132 | 1320 | 0.25 | R. Estrella del Norte, Vallenar |
| 80) | CD132 | 1320 | 0.1 | R. Lincoyan, Mulchén |
| 82) | CB133 | 1330 | 1 | R. Panamericana, Santiago: 24h |
| 83) | CD133 | 1330 | 1 | R. Vicente Pérez Rosales, Puerto Montt. |
| 84) | CA134 | 1340 | 1 | R. El Toco, Tocopilla |
| 85) | CB134 | 1340 | 1 | R. Nal. de Chile, Valparaíso: 1030-0400 |
| 86) | CC134 | 1340 | 1 | R. La Discusión, Chillan: 1100-0400 |
| 87) | CD134 | 1340 | 0.5 | R. Panguipulli, Panguipulli: 1200-0100 |
| 88) | CD134 | 1340 | 1 | R. Malleco, Victoria |
| 89) | CD135 | 1350 | 1 | R. Pudeto, Ancud: 1130-0400 |
| 90) | CA135 | 1350 | 1 | R. Guardiamarina, Riquelme, Coquimbo: 1030-0430 |
| 91) | CC135 | 1350 | 1 | R. Central, San Carlos |
| 92) | CC136 | 1360 | 5 | R. Universidad del Bío Bío, Concepción: 1100-0300 |
| 93) | CB136 | 1380 | 50 | R. Colo Colo, Santiago: 24h |
| 94) | CA140 | 1400 | 0.25 | R. Nal. de Chile, Iquique |
| 95) | CC140 | 1400 | 5 | R. Inez de Suárez, Concepción |
| 96) | CB141 | 1410 | 1 | R. Litoral, Valparaíso: 24h |
| 97) | CD141 | 1410 | 1.5 | R. Loncoche, Loncoche: 1045-0400 |
| 98) | CA142 | 1420 | 1 | R. Alonso de Ercilla, Illapel: 1100-2400 |
| 99) | CB142 | 1420 | 1 | R. Candelaria, Santiago: 1200-0400 |
| 100) | CC142 | 1420 | 1 | R. Renacer, Cauquenes: 1050-0430 |
| 101) | CC143 | 1430 | 1 | R. Nal. de Chile, Rancagua: 1100-0400 |
| 102) | CA144 | 1440 | 1 | R. Arica, Arica |
| 103) | CA144 | 1440 | 1 | R. Univ. la Serena, La Serena: 1030-0400 |
| 104) | CC144 | 1440 | 1 | R. El Sembrador, Chillán: 1030-0430 |
| 105) | CB145 | 1450 | 5 | R. Universidad Técnica "Federico Santa Maria", Valparaíso: 1200-0400 |
| 106) | CC145 | v1450 | 5 | R. Libertad, Curicó: 1100-0500 |
| 107) | CD145 | 1450 | 0.25 | R. Arauco, Arauco |
| 108) | CD145 | 1450 | 1 | R. Turismo, Pto. Varas |
| 109) | CA146 | 1460 | 10 | R. Antofagasta, Antofagasta: 1130-0300 |
| 110) | CB146 | 1460 | 1 | R. Yungay, Santiago: 1100-0500 |
| 111) | CC146 | *1460 | 1 | R. Talcahuano, Talcahuano |

| | Call | kHz | kW | Name, location and h. of tr. |
|---|---|---|---|---|
| 112) | CB147 | 1470 | 1 | R. Sargento Aldea, San Antonio |
| 113) | CA148 | 1480 | 1 | R. Amanecer, Ovalle: 1100-0200 |
| 114) | CC148 | 1480 | 1 | R. Tomé, Tomé: 1100-0230 |
| 115) | CD148 | 1480 | 1 | R. General Baquedano, Valdivia |
| 116) | CA149 | 1490 | 1 | R. Alicante, El Salvador |
| 117) | CB149 | 1490 | 1 | R. Chena, San Bernardo: 1100-0300 |
| 118) | CA150 | 1500 | 10 | R. Patricio Lynch, Iquique: 1000-0400 |
| 119) | CC150 | 1500 | 0.25 | R. Centenario, San Javier |
| 120) | CD150 | 1500 | 1 | R. Tierra de Fuego, Puerto Porvenir |
| 121) | CC151 | 1510 | 1 | R. Rancagua, Rancagua: 1100-0500 |
| 122) | CD151 | 1510 | 1 | R. Teniente Merino, Lebu |
| 123) | CC152 | 1520 | 1 | R. Nueva Soberania, Linares: 1100-0400 |
| 124) | CD152 | 1520 | 0.1 | R. Aníbal Pinto, Lautaro |
| 125) | CA153 | 1530 | 1 | R. Juan Godoy, Copiapó |
| 126) | CB153 | 1530 | 1 | R. San Martín, Quillota: 1030-0400 |
| 127) | CC153 | 1530 | 1 | R. El Carbón, Lota |
| 128) | CB154 | 1540 | 1 | R. Sudamerica, Santiago |
| 129) | CD154 | 1540 | 0.25 | R. San José de Alcudia, Rio Bueno: 0955-0300 |
| 130) | CB155 | 1550 | 0.25 | R. Provincial, Putaendo |
| 131) | CC155 | v1550 | 1 | R. Manuel Rodríguez, San Fernando |
| 132) | CD155 | 1550 | 0.25 | R. Regional, Traiquén |
| 133) | CA156 | 1560 | 1 | R. Paricanota, Putre: 1100-0400 |
| 134) | CB156 | 1560 | 1 | R. Manantial, Talagante: 1130-0400 |
| 135) | CD156 | 1560 | 1 | R. Turismo Internacional, Villarica: 1100-0300 |
| 136) | CB157 | 1570 | 0.1 | R. Transandina, Los Andes |
| 137) | CC157 | 1570 | 1 | R. Nueva O'Higgins, Rancagua: 1000-0400 |
| 138) | CD158 | 1580 | 0.25 | R. Acuarela, Nueva Imperial |
| 139) | CA158 | 1580 | 0.25 | R. Guacolda, Huasco |
| 140) | CC158 | 1580 | 0.25 | R. Colchagua, Santa Cruz |
| 141) | CD158A | 1580 | 0.5 | R. Millaray, Cañete |
| 142) | CD158B | 1580 | 0.5 | R. Continental, Collipulli |
| 143) | CB159 | 1590 | 0.25 | R. Aconcagua, San Felipe: 1045-0300 |
| 144) | CC159 | 1590 | 0.25 | R. Rengo, Rengo |
| 145) | CC159 | 1590 | 0.1 | R. El Roble, Parral |
| 146) | CB160A | 1600 | 0.25 | R. Chronos, Santiago: 24h |
| 147) | CB160B | 1600 | 0.25 | R. Reloj, Viña del Mar |
| 148) | CC160A | 1600 | 0.25 | R. Reloj, Concepción: 1000-0400 |

**Shortwaves:** Location: Santiago exc. where indicated.

| | | | | |
|---|---|---|---|---|
| 37) | CE595 | 5955 | 1 | R. Nuevo Mundo: 1100-0500 |
| 63) | CE602 | 6020 | 1 | R. Diego Portales: 1030-0400 |
| 27) | CE603 | 6030 | 1 | R. Santa Maria, Coyhaique |
| 53) | CE607 | 6075 | 2 | R. Minería: 1000-0530 |
| 43) | CE608 | 6080 | 1 | R. Patagonia Chilena, Colhaique: 1040-0300 |
| 41) | CE610 | 6100 | 1 | R. Calama: irr. |
| 13) | CE613 | 6135 | 10 | R. Universidad de Concepción: 1100-0300 |
| 61) | CE615 | 6150 | 5 | R. Nacional de Chile, Santiago: 1100-0500 |
| 61) | CE619 | 6190 | 10/1 | R. Nacional de Chile |
| 61) | CE619 | 6195 | 10/1 | R. Nacional de Chile: 1000-1510, 1810-0350 |
| 149) | CE622 | 6225 | — | R. Emis. Manantial, Chile Chico |
| 61) | CE951 | 9510 | 30/1 | R. Nacional de Chile: 1000-1510, 1810-0350 |
| 71) | CE953 | 9530 | 1 | R. Nal. de Chile, Arica: 1100-0600 |
| 61) | CE955 | 9550 | 10 | R. Nacional de Chile: 1000-0400 |
| 63) | CE957 | v9572r | 10 | R. Diego Portales: 1030-0400 (n.9570) |
| 3) | CE963 | 9630 | 10 | R. Agricultura, Santiago: 1000-0400 |
| 12) | CE963 | 9630 | 5 | R. El Loa, Chuquicamata |
| 53) | CE975 | 9750 | 10 | R. Minería: 1100-2300 |
| 37) | CE1173 | 11730 | 5 | R. Nuevo Mundo: 1100-0500 |
| 61) | CE1181 | 11810 | 30/1 | R. Nacional de Chile: 1810-0350 |
| 53) | CE1196 | 11960 | 5 | R. Minería: 1000-0500 |
| 61) | CE1514 | 15140 | 100 | R. Nacional de Chile |
| 61) | CE1515 | 15150 | 100 | R. Nacional de Chile: 1100-2300 |

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**L.P:** Ing. Sylvia Suárez de Gamboa. (Inravisión): DG: Dr. Fernando Barrero Chaves. Dir. Tec: Dr. Guido Mantilla Solarte.

**STATIONS:** Mediumwaves: Call: HJ--
° = shortwaves, * = inactive, v = varying fq.

| | Call | kHz | kW | Name, location and h. of tr. |
|---|---|---|---|---|
| 1) | KA | 540 | 10 | R. Exito, Bogotá |
| 2) | HF | *550 | 50 | R. Dif. Nacional, Medellín (Marinilla) |
| 3) | GS | °560 | 10 | Transm. de la Independencia, Tunja: 1100-1900, 2200-0300 |
| 4) | PF | 560 | 25 | R. Cinco Sesenta/La Voz de la Pampa, Maicao |
| 2) | ND | °570 | 100 | R. Dif. Nacional Bogotá: 0930-0500 |
| 2) | HG | 580 | 50 | R. Dif. Nacional, Cali |
| 5a) | CR | 590 | 100 | R. Sutatenza, Medellín: 24h |
| 6) | HJ | 600 | 50 | R. Libertad, Barranquilla: 24h |
| 7a) | KL | °610 | 30 | R. Tequendama, Bogotá: 24h |
| 8) | EL | 620 | 10 | R. Ciudad de Cali, Cali: 24h |
| 9) | BP | 620 | 25 | R. Ciudad de Cartagena, Cartagena |
| 10a) | FD | 630 | 20 | R. Manizales, Manizales: 24h |
| 11) | BJ | 640 | 10 | La Voz de Santa Marta: 24h |
| 12a) | JX | 650 | 10 | Emisoras Monserrate, Bogotá: 24h |
| 13a) | JM | 670 | 10 | R. Uno, Cali: 24h |
| 14) | PL | 670 | 10 | R. Calidad, Medellín: 24h |
| 2) | BU | 680 | 100 | R. Dif. Nacional, Zambrano |
| 15) | CZ | 690 | 10 | La Voz de Colombia, Bogotá: 24h |
| 5b) | CX | 700 | 120 | R. Sutatenza, Cali: 0850-0400 |
| 16) | NX | °710 | 10 | R. Super, Medellín: 24h |
| 17) | AN | 720 | 30 | Emisoras Unidas, Barranquilla |
| 18) | VO | 720 | 25 | Transm. Quindio, Armenia |
| 19) | CU | °730 | 25 | R. Melodía, Bogotá: 24h |
| 20) | HB | 740 | 10 | Ecos de Pasto, Pasto: 1000-0400 |
| 21) | NS | °740 | 50 | R. Guatapuri, Valledupar |
| 22a) | DK | 750 | 50 | Caracol, Medellín: 24h |
| 23) | AJ | 760 | 30 | La Voz de Barranquilla: 24h |
| 12b) | KH | v770 | 30 | Emis. Nueva Granada, Bogotá: 24h |
| 24) | ZG | 780 | 30 | R. Sonorama, Cali: 24h |
| 25) | ZW | 780 | 30 | R. Almirante, Riohacha: 1000-0500 |
| 22b) | DC | 790 | 10 | La Voz de Colombia, Medellín |
| 26a) | BW | 800 | 10 | Emisora de Atalaya, Bucaramanga: 0930-0330 |
| 5c) | CY | °810 | 250 | R. Sutatenza, Bogotá: 0900-0400 |
| 27) | AD | 820 | 25 | R. Bolívar, Cartagena: 24h |
| 28a) | ED | 820 | 50 | Caracol, Cali: 24h |
| 22c) | DM | °830 | 15 | R. Tropical, Medellín: 24h |
| 29) | BI | 840 | 30 | Ondas del Caribe, Santa Marta: 1100-0500 |
| 30) | KK | 840 | 15 | Brisas de Betania, Neiva |
| 31a) | KC | °850 | 50 | Caracol, Bogotá: 24h |
| 32) | EP | 860 | 10 | Voces de Occidente, Buga: 24h |
| 33) | NJ | 860 | 50 | La Voz del Cañaguate, Valledupar |
| 34) | QS | 860 | 25 | R. Ciudad de Cúcuta, Cúcuta |
| 35) | LA | 870 | 10 | La Voz del Tolima, Ibagué: 24h |
| 36) | SB | 870 | 25 | Mar Caribe, Barranquilla |
| 37) | GE | °880 | 10 | R. Bucaramanga: 1100-0400 |
| 38) | CE | 890 | 25 | La Voz de Bogotá: 24h |
| 39) | PM | r895 | 20 | R. Galeón, Sta. Marta: 24h (n.890) |
| 40) | DD | 900 | 30 | R. 900, Cúcuta |
| 13b) | EY | °900 | 20 | La Voz de Cali: 24h |
| 41) | SS | 900 | 10 | R. Malecón, Montería |
| 42a) | DO | 910 | 25 | La Voz del Rio Grande, Medellín: 24h |
| 43) | MY | 910 | 30 | R. San Andrés, Isla de San Andrés |
| 44) | AE | 920 | 10 | Emisoras Fuentes, Cartagena: 0945-0500 |
| 45) | JN | 920 | 30 | Ondas del Mayo, Pasto: 0900-0400 |
| 46) | SJ | 920 | 15 | R. Ciudad de Ibagué, Ibagué: 24h |
| 47) | CS | °930 | 15 | R. Continental, Bogotá: 24h |
| 13c) | GB | 940 | 15 | R. Eco, Cali: 24h |

| | Call | kHz | kW | Name, location and h. of tr. |
|---|---|---|---|---|
| 48a) | BE | 940 | 25 | R. Internacional, Cúcuta: 24h |
| 49a) | FN | 950 | 15 | Caracol, Pereira: 24h |
| 5d) | HN | 960 | 120 | R. Sutatenza, Magangué: 0850-0400 |
| 50) | CI | 970 | 10 | La Voz de la Victor, Bogotá: 24h |
| 51) | VK | °970 | 30 | Armonias del Caqueta, Florencia: 1000-0500 |
| 13d) | ES | 980 | 20 | R. El Sol, Cali: 24h |
| 52) | NL | 980 | 30 | R. Punto, Cúcuta |
| 53a) | DB | 990 | 150 | La Voz de Medellín: 24h |
| 54a) | AQ | 1000 | 15 | La Voz de Cartagena, Cartagena: 24h |
| 2) | HF | 1000 | 10 | R. Dif. Nacional, Manizales |
| 55) | BN | v1010 | 10 | La Voz del Galeras, Pasto: 24h |
| 56) | CC | 1010 | 15 | R. Tropical, Bogotá: 24h |
| 57) | JR | v°1005 | 10 | Caracol, Neiva: 24h (n.1010) |
| 5e) | OP | 1010 | 10 | R. Sutatenza, Barranquilla: 0850-0400 |
| 58) | IX | 1010 | 10 | R. Yarima, Barrancabermeja |
| 59) | ZD | v1010 | 15 | R. Panzanú, Monteria |
| 60) | DQ | 1020 | 15 | Emisora Claridad, Medellín: 24h |
| 61) | DY | 1020 | 10 | R. Primavera, Bucaramanga: 0900-0400 |
| 62) | KS | v1020 | 10 | La Voz del Llano, Villavicencio: 1000-0500 |
| 63) | FQ | 1020 | 10 | La Voz de Pereira, Pereira: 24h |
| 64) | FT | v1025 | 10 | Ecos del Combeima, Ibaqué: 24h (n.1020) |
| 65) | DJ | 1030 | 10 | La Voz de los Libertadores, Duitama: 24h |
| 66) | ER | 1030 | 30 | R. Pacífico, Cali: 24h |
| 67) | OL | 1030 | 10 | R. Gentil, Valledupar (n.1020) |
| 68) | GX | 1030 | 1 | R. Progreso de Cordoba, Lorica |
| 69) | RF | 1030 | 15 | Ondas del Cesar, Aquachica |
| 70a) | AI | 1040 | 15 | Caracol, Barranquilla: 24h |
| 71) | BF | °1040 | 15 | La Voz del Norte, Cúcuta |
| 72) | CJ | °1040 | 30 | R. Super, Bogotá: 24h |
| 73a) | FM | 1040 | 15 | La Voz de Armenia, Armenia: 1100-0500 |
| 74) | SY | 1040 | 10 | Ecos del Paletará, Popayán |
| 75) | UB | 1040 | 15 | R. Ciudad de Pasto, Pasto |
| 76) | BB | °1050 | 15 | R. Valledupar: 0900-0500 |
| 77) | DR | 1050 | 15 | R. Sonorama, Medellín: 24h |
| 78) | IO | 1050 | 5 | La Voz de la Conquista, Granada: 24h |
| 79) | LZ | v°1050 | 10 | La Voz del Cinaruco, Arauca: 0900-0330 |
| 80) | NG | 1050 | 2.5 | R. Palmira, Palmira: 24h |
| 81) | FZ | °1050 | 10 | La Voz del Centro, Espinal: 24h |
| 82) | TJ | 1050 | 15 | Ondas del Urrá, Montería: 1000-0600 |
| 83) | FJ | 1060 | 15 | Transm. Caldas, Manizales: 24h |
| 26b) | GU | 1060 | 10 | Armonias del Bucarica, Bucaramanga (n.1050) |
| 84) | OV | °1060 | 15 | R. Cult. Surcolombiana, Neiva: 0955-0530 |
| 85) | LY | 1060 | 10 | R. Delfín, Riohacha |
| 86) | MG | 1060 | 1 | R. Prosperidad, Turso: 1000-0400 |
| 87) | MV | 1060 | 10 | R. Furatena, Chiquinquirá: 0900-0600 |
| 88) | YX | 1060 | 1 | R. Caracoli, Sincelejo |
| 89a) | AG | °1070 | 20 | Emis. Atlántico, Barranquilla: 24h |
| 90) | CG | °1070 | 30 | R. Santa Fé, Bogotá: 24h |
| 91) | VR | 1070 | 15 | Ondas del Puracé, Popayan |
| 92) | AW | v1080 | 10 | La Voz de Montería, Montería: 1000-0500 (r1095) |
| 22d) | DZ | v1080 | 10 | R. Reloj, Medellín: 24h |
| 13) | JF | 1080 | 15 | R. Musical, Cali: 24h |
| 93) | KT | °1080 | 10 | R. Macarena, Villavicencio: 0900-0500 |
| 94) | JS | 1080 | 2 | R. Pontoná, La Dorada: 1000-0400 |
| 95) | PF | 1080 | 10 | La Voz de Suramerica, Floridablanca: 24h |
| 96) | IG | °1090 | 10 | La Voz de la Selva, Florencia |
| 97a) | BC | 1090 | 15 | Caracol, Cúcuta: 24h |
| 98) | IH | 1090 | 1 | Caracol, Sogamosa |
| 10b) | IA | 1090 | 10 | Ondas del Nevado, Manizales: 24h |
| 99) | OM | 1090 | 5 | R. Bucanero, Cartagena |
| 31b) | CN | 1100 | 30 | R. Reloj, Bogotá: 24h |
| 70b) | AT | 1100 | 15 | R. Reloj, Barranquilla: 24h |
| 100) | EF | 1100 | 2 | Brisas del Orinoco, Pto. Carreño |
| 101) | GQ | 1100 | 10 | Transmisora Surandes, Andes |
| 102) | GI | 1100 | 1 | Emis. José A. Galán, Socorro |
| 103) | MK | 1100 | 5 | Emisora Ideal, Planeta Rica: 1000-0400 |
| 104) | YZ | 1100 | 15 | R. Futuro, Neiva |
| 105) | DI | 1110 | 9 | Pontificia Bolivariana, Medellín |
| 28b) | EW | 1110 | 15 | R. Reloj, Cali: 24h |
| 106) | GD | 1110 | 5 | La Voz del Río Arauca, Arauca |
| 107) | GZ | 1110 | 10 | R. Cardinal, Maicao |
| 108) | JP | °1110 | 10 | R. Villavicencio: 24h |
| 109) | PA | 1110 | 1 | La Voz de las Islas, Isla San Andrés |
| 110) | ZE | 1110 | 5 | R. Piragua, Sincelejo |
| 111) | NC | 1110 | 10 | La Voz del Nevado, Ibagué: 1000-0400 |
| 112a) | GH | 1120 | 15 | Caracol, Bucaramanga: 24h |
| 113a) | KQ | 1120 | 10 | R. Tunja, Tunja: 1100-0400 |
| 114) | JC | 1120 | 5 | R. Cartago, Cartago |
| 115a) | UC | 1120 | 10 | R. Matecaña, Pereira: 24h |
| 116) | AC | 1130 | 15 | Emis. Río-Mar, Barranquilla: 24h |
| 117) | NH | 1130 | 1 | Ondas del Río, Magangué |
| 118a) | CO | 1130 | 30 | R. Ciudad de Bogotá, Bogotá: 1100-0500 |
| 119) | FP | °1130 | 10 | R. Neiva, Neiva |
| 120) | QQ | 1130 | 15 | La Voz de Colombia, Pasto |
| 121) | TI | 1130 | 10 | R. Tonchalá, Cúcuta (r1121) |
| 42b) | DL | 1140 | 15 | R. Cristal, Medellín: 24h |
| 122) | EV | 1140 | 15 | La Voz del Valle, Cali (n.1160): 24h |
| 123) | KW | °1140 | 10 | La Voz de los Centauros, Villavicencio: 0900-0500 |
| 124) | KO | 1140 | 10 | La Voz de la Victoria, Cartagena: 1000-0600 |
| 125) | RN | 1140 | 10 | La Voz de la Prov. Colombiana, Barbosa |
| 126) | TR | 1140 | 10 | R. Girardot, Girardot |
| 127) | FH | 1140 | 10 | La Voz de Ansema, Ansema: 1000-0500 |
| 128a) | GJ | 1150 | 1 | R. Vencedores, Duitama: 1100-0300 |
| 129) | FI | 1150 | 15 | Caracol, Armenia: 24h |
| 130) | BT | 1150 | 10 | R. Catatumbo, Ocaña |
| 131) | SL | 1150 | 5 | R. Sosiego, Sincelejo |
| 132) | TE | °1150 | 1 | La Voz del Chocó, Quibdo |
| 133) | AZ | 1160 | 5 | La Voz del Sinú, Montería: 24h |
| 134) | BL | 1160 | 10 | R. Aeropuerto, Barranquilla |
| 135) | EC | 1160 | 10 | R. San José de Cúcuta, Cúcuta: 1000-0500 |
| 136) | AU | °1160 | 2.5 | Ondas del Orteguaza, Florencia: 1000-0300 |
| 118b) | VA | 1160 | 10 | R. 24, Bogotá: 1200-0500 |
| 137) | ZV | 1160 | 10 | R. Las Lajas, Ipiales: 1100-0400 |
| 113b) | GA | 1170 | 10 | R. Boyacá, Tunja |
| 138) | JE | 1170 | 1 | Emisora Villa de Céspedes, Tuluá: 24h |
| 139) | JY | 1170 | 1 | R. Lemayá, Guamo: 1000-0300 |
| 140a) | ME | 1170 | 50 | R. Peninsula, Maicao (n. 970): 0930-0400 |
| 141) | PB | 1170 | 10 | Ondas de Macondo, Valledupar |
| 142) | LB | °1170 | 10 | Meridiano 70, Arauca: 1100-0200 |
| 143) | NW | 1170 | 10 | Caracol, Cartagena: 24h |
| 144) | WA | °1170 | 5 | La Voz de Guaviare, San José: 1000-0500 |
| 145) | DT | r1180 | 15 | R. Nutibara, Medellín: 24h (n.1170) |
| 146a) | FX | 1180 | 15 | Caracol, Manizales: 24h |
| 147) | GK | 1180 | 20 | R. Santander, Bucaramanga: 24h |
| 148) | JT | 1180 | 10 | R. La Voz del Rio Branco, Ibagué |
| 149a) | CT | 1190 | 10 | La Voz de la Costa, Barranquilla: 1100-0400 |
| 38b) | CV | 1190 | 15 | R. Cordillera, Bogotá: 24h |
| 150) | EO | 1190 | 15 | Ondas del Valle, Cartago: 24h |
| 151) | CV | 1190 | 5 | R. Barají, Sahugún: 1000-0500 |
| 152) | OH | °1190 | 10 | R. Mira, Tumaco: 1100-0500 |
| 153) | BX | °1200 | 1 | Ondas del Meta, Villavicencio: 1100-0500 |
| 154) | CD | 1200 | 10 | Emis. Nueva Epoca, Fusagasugá |
| 155a) | IJ | 1200 | 10 | R. Colibrí, Medellín: 1100-0600 |
| 156) | LR | 1200 | 10 | La Villa del Sol, Sogamoso: 1100-0500 |
| 157) | NF | °1200 | 10 | R. Super, Cali: 24h |
| 158) | BZ | 1200 | 10 | Ondas de Riohacha, Riohacha |

| | Call | kHz | kW | Name, location and h. of tr. |
|---|---|---|---|---|
| 159) | VB | 1200 | 1 | R. Principe, Cartagena |
| 160) | FR | °1210 | 10 | La Voz del Huila, Neiva: 24h |
| 161) | FF | 1210 | 15 | La Voz Amiga, Pereira: 24h |
| 48b) | TL | 1210 | 30 | R. El Sol, Cúcuta: 24h |
| 162) | AV | °1220 | 10 | R. Cordobesa, Montería: 24h |
| 163) | KR | 1220 | 15 | R. Juventud, Bogotá: 1100-0500 |
| 164) | NM | 1220 | 10 | Emisora Cultural Bolívar, Ipiales |
| 165) | MT | 1220 | 10 | Armonias de San Gil, San Gil: 24h |
| 166) | SA | r1220 | 1 | R. Tropical, Barranquilla |
| 167) | IL | 1230 | 10 | La Voz de las Américas, Medellín: 24h |
| 168) | LF | 1230 | 1 | R. Galeron, Acacias |
| 169) | BR | 1230 | 10 | R. Unica, Tunja: 1100-0500 |
| 170) | GV | 1230 | 15 | R. Ciudad de Bucaramanga, Bucaramanga |
| 171) | LK | 1230 | 10 | R. Calidad, Cali: 24h |
| 140b) | MJ | 1230 | 5 | R. Tribuna, Maicao |
| 172) | TP | 1230 | 1 | R. Colina, Girardot |
| 173) | FG | 1240 | 10 | La Voz del Comercio, Armenia: 24h |
| 174) | GN | 1240 | 5 | R. Barrancabermeja: 0830-0400 |
| 175) | JA | °1240 | 1 | R. Buenaventura: 24h |
| 176) | IA | 1240 | 1 | R. Caribabare, Sarabena |
| 116b) | OK | 1250 | 1 | Emisoras ABC, Barranquilla: 24h |
| 38c) | CA | 1250 | 10 | R. Capital, Bogotá: 24h |
| 177) | EM | 1250 | 1 | La Voz de Corozal, Corozal: 1100-0500 |
| 97b) | HS | 1250 | 1 | R. Reloj, Cúcuta: 24h |
| 178) | HZ | 1250 | 1 | Emisora Mariana, Pasto |
| 53b) | DA | 1260 | 5 | R. Exito, Medellín: 24h |
| 179) | DV | 1260 | 10 | Caracol, Ibagué: 24h |
| 28c) | ET | 1260 | 5 | La Voz de Colombia, Cali: 24h |
| 180) | HU | 1260 | 1 | R. Morgan, Isla San Andrés |
| 181) | LX | °1260 | 5 | R. Cinco, Villavicencio: 24h |
| 182) | MI | 1260 | 5 | La Voz del Cesar, Valledupar: 24h |
| 128b) | NO | 1260 | 2.5 | R. Duitama, Duitama: 1000-0300 |
| 183) | OU | 1260 | 2.5 | Ondas del Amazonas, Leticia: 1100-0400 |
| 184) | QN | 1260 | 5 | R. Preferida, Montería |
| 185) | TM | °1260 | 20 | R. Sonar, Ocaña: 1000-0500 |
| 186) | QR | 1260 | 5 | La Voz de la Fraternidad, Sta. Marta |
| 187) | KZ | 1270 | 1 | R. Ciudad de Pereira, Pereira: 0930-0515 |
| 188) | PJ | °1270 | 1 | R. Tamboral, Río Sucio: 1200-0200 |
| 112b) | TX | 1270 | 15 | La Voz de Colombia, Bucaramanga: 24h |
| 54b) | AR | 1270 | 1 | R. Miramar, Cartagena: 24h |
| 189) | HO | *1280 | 5 | Impacto Popular, San Juan del Cesar |
| 190) | LR | 1280 | 5 | R. Caracol, Pasto: 24h |
| 38d) | KN | 1280 | 5 | R. Musical, Bogotá: 1100-0500 |
| 191) | MB | 1280 | 1 | R. Suroeste, Concordia |
| 192) | NQ | 1280 | 2.5 | La Voz del Rio Suárez, Barbosa: 0930-0300 |
| 193) | SO | 1280 | 5 | R. Playa, Mendoza, Barranquilla |
| 194) | EB | 1290 | 5 | La Voz del Turismo, Sta. Marta |
| 195) | CM | 1290 | 10 | R. Sur, Pitalito: 0845-0500 (n.1280) |
| 196) | OI | 1280 | 5 | Ecos del Mar, Sampués |
| 197) | MC | 1290 | 5 | Emis. de la Fundación, Carvajal, Cali |
| 198) | NE | 1290 | 1 | La Voz del Ariari, Granada |
| 199) | HI | 1290 | 5 | La Voz de Garagoa, Garagoa: 0930-0330 |
| 200) | KY | 1290 | 1 | Ondas del Puerto, Girardot: 1000-0500 |
| 201) | TH | 1290 | 5 | R. Ritmos, Medellín: 24h |
| 202) | BA | 1300 | 5 | R. Sindamanoy, Mocoa |
| 203) | EA | 1300 | 5 | R. Lumbí, Mariquita |
| 49b) | LD | 1300 | 5 | R. Reloj, Pereira: 24h |
| 112c) | NB | 1300 | 15 | R. Reloj, Bucaramanga: 24h |
| 204) | OG | 1300 | 15 | R. Sonorama, Cartagena: 24h |
| 205) | RB | 1300 | 5 | R. Super, Tunja (r1328) |
| 206) | DG | 1310 | 5 | Transmisora Rio, Monteria: 1000-0500 |
| 207) | AK | 1310 | 5 | La Voz de la Patria, Barranquilla: 0900-0500 |
| 208) | LM | 1310 | 10 | R. Santa Bárbara, Santa Bárbara: 1000-0500 |
| 209) | IR | 1310 | 5 | La Voz de Urabá, Apartadó: 24h |
| 210) | JZ | 1310 | 5 | HJJZ, Bogotá: 24h |
| 211) | TQ | 1310 | 10 | R. Tasajero, Cúcuta: 24h |
| 212) | HT | 1320 | 5 | R. Guateque, Guateque: 1000-0300 |
| 213) | MS | 1320 | 5 | R. Regia, Barrancabermeja: 24h |
| 214) | NK | 1320 | 1 | R. Luna, Palmira |
| 215) | ON | 1320 | 5 | La Voz del Tocarema, Girardot: 24h |
| 216) | PC | 1320 | 5 | Esquina del Progreso, Fundación |
| 217) | QM | 1320 | 5 | R. Leda, San Andrés: 1100-0500 |
| 218) | TA | 1320 | 1 | La Voz de la Independencia, Medellín: 24h |
| 219) | EV | r1320 | 5 | La Voz de Colombia, Barranquilla: 24h (n.1220) |
| 220) | FE | °1330 | 5 | R. Exito, Pereira: 24h |
| 221) | NR | 1330 | 10 | R. Guanentá, San Gil: 1000-0300 |
| 222) | RD | 1330 | 1 | R. Copeñol, El Peñol |
| 223) | IS | 1340 | 5 | R. Andagoya, Buenaventura: 24h |
| 89b) | FA | 1340 | 1 | R. Olimpica, Barranquilla: 24h |
| 12c) | FB | 1340 | 5 | R. El Sol, Bogotá: 24h |
| 224) | HY | 1340 | 5 | Transmisora Sucre, Sincelejo: 24h |
| 225) | KD | 1340 | 5 | Armonias del Sur, Neiva: 24h |
| 226) | NF | 1340 | 1 | R. Comunal, Nariño: 1100-0100 |
| 227) | NY | 1340 | 5 | R. Sonorama, Bucaramanga |
| 228) | PY | 1340 | 5 | R. Mil, Cúcuta |
| 229) | ZU | 1340 | 10 | R. Nariño, Pasto: 24h |
| 230) | DS | 1350 | 10 | Ondas de la Montana, Medellín: 24h |
| 231) | EN | 1350 | 10 | R. Melodía, Cali (r. 1335) |
| 232) | HL | 1350 | 1 | R. Festival, Ibagué |
| 233) | HW | 1350 | 2 | Ecos del Río, Puerto Boyacá |
| 234) | RP | 1350 | 1 | R. Perija, Codazzi |
| 235) | LO | 1350 | 5 | Brisas del Cauca, Caucasia: 24h |
| 236) | OC | 1350 | 5 | R. El Sol, Sta. Marta: 24h |
| 237) | OZ | °1350 | 2 | La Voz del Yopal: 0930-0300 |
| 238) | KV | 1360 | 1 | R. Laser, Zapatoca |
| 239) | RA | 1360 | 1 | Ecos del Risaralda, Pereira |
| 240) | TU | 1360 | 7.5 | R. Reloj, Cartagena: 24h |
| 242) | NI | 1370 | 1 | R. Sabanas, Sincelejo: 24h |
| 243) | NU | 1370 | 1 | Ecos de Rionegro: 24h |
| 244) | BD | 1370 | 1 | R. Guaimaral, Cúcuta |
| 245) | BO | 1370 | 5 | R. Piloto, Barranquilla |
| 246) | EQ | °1370 | 5 | La Voz del Cauca, Popayán: 24h |
| 7b) | KX | 1370 | 5 | R. Mundial, Bogotá: 24h |
| 247) | EJ | 1380 | 1 | Armonias del Palmar, Palmira: 1130-0300 |
| 248) | ID | 1380 | 1 | Emis. Villa Paez, Gigante: 1000-0300 |
| 249) | LG | 1380 | 1 | La Voz de la Dorada, La Dorada: 1000-0505 |
| 250) | MM | 1380 | 1 | R. Reloj, Valledupar: 24h |
| 251) | LM | 1380 | 5 | R. Ciudad de Medellín, Medellín: 24h |
| 252) | EE | 1380 | 5 | R. Triunfo de Boyacá, Tunja: 24h |
| 253) | FO | 1390 | 5 | La Voz de los Andes, Manizales: 24h |
| 254) | FY | 1390 | 5 | R. Avenida, Espinal |
| 255) | ZY | v1390 | 5 | R. Lemas, Bucaramanga: 1000-0500 |
| 256) | YW | 1390 | 5 | La Voz de Diego Pacho, Pacho |
| 257) | AS | 1400 | 5 | R. Universal, Barranquilla: 1030-0430 |
| 258) | BK | 1400 | 1 | La Voz de la Gran Colombia, Cúcuta: 24h |
| 259) | — | 1400 | 5 | La Voz de Niquel, Montelibano |
| 260) | GM | 1400 | 5 | R. Sogamoso, Sogamoso: 24h (n. 1440) |
| 261) | HM | 1400 | 5 | La Voz de Calarcá, Armenia: 24h |
| 262) | IT | °1400 | 2 | Ecos del Atrato, Quibdo: 1000-0600 |
| 263) | JJ | 1400 | 1 | R. Ipiales, Ipiales |
| 264) | KM | 1400 | 5 | Emisora Mariana, Bogotá: 1100-0230 |
| 265) | CC | 1400 | 5 | R. Mía, Santa Bárbara: 24h |
| 266) | DU | 1410 | 5 | Emisora Cultural, Medellín: 1130-0330 |
| 267) | EI | 1410 | 5 | R. Guadalajara, Buga: 1100-0300 |
| 268) | FS | 1410 | 10 | Ondas del Gualí, Honda: 1000-0500 |
| 269) | TY | v1410 | 1 | Ondas del Carare, Vélez |
| 270) | AP | 1420 | 5 | R. Bahía, Cartagena: 24h |
| 271) | BH | 1420 | 15 | Caracol, Santa Marta: 24h |
| 146b) | HK | 1420 | 5 | R. Reloj, Manizales: 24h |
| 272) | SN | 1420 | 1 | R. Lenguerque, Zapatoca |
| 273) | CK | 1430 | 2 | R. Sensación, Yarumal |
| 274) | PO | 1430 | 5 | R. Majagual, Corozal |
| 275) | BP | 1430 | 1.5 | R. Pamplona, Pamplona: 0900-0500 |
| 276) | EG | 1430 | 2 | La Voz de Belalcázar, Popayán: 24h |
| 277) | IU | °1430 | 1 | Armonias del Ingrumá, Riosucio |
| 278) | KU | °1430 | 10 | La Voz de Maria "R. Kennedy", Bogotá: 1100-0300 |
| 279) | MF | 1430 | 1 | R. Venus, Puerto Berrío |
| 280) | PK | r1430 | 5 | La Voz de Abejorral, Abejorral: 24h (n.1360) |

| | Call | kHz | kW | Name, location and h. of tr. |
|---|---|---|---|---|
| 281) | PW | 1430 | 5 | R. Ciudad de Barranquilla, Barranquilla |
| 282) | RL | 1430 | 1.5 | Antena de los Andes, Santa Rosa de Cabal: 1000-0300 (n.1520) |
| 283) | EK | 1440 | 1 | R. Reloj, Tuluá: 24h |
| 284) | BM | 1440 | 1 | La Voz de Honda, Honda |
| 285) | IB | °1440 | 5 | La Voz del Caquetá, Florencia: 24h |
| 155b) | NZ | 1440 | 5 | R. 24, Medellín: 1100-0600 |
| 286) | HH | 1450 | 1 | Aires de Oriente, Floridablanca |
| 287) | NE | 1450 | 5 | R. Sintonía, Villamaría: 1000-0500 |
| 288) | MX | 1450 | 1.5 | R. Mancomaján, Carmen de Bolivar: 1100-0430 |
| 289) | VY | 1450 | 5 | R. Ciudad Flandes, Flandes |
| 290) | MY | 1460 | 1 | R. Monumental, Villa del Rosario |
| 291) | AL | 1460 | 5 | R. Sincelejo, Sincelejo: 1000-0400 |
| 292) | FL | 1460 | 1 | Atalaya Agustiniana, San Agustin |
| 293) | JH | 1460 | 5 | R. Ciudad Milagro, Armenia: 24h |
| 294) | JW | 1460 | 5 | Nuevo Continente, Bogotá: 1100-0500 |
| 295) | TF | °1460 | 1 | Ondas del Darién, Turbo: 1000-0400 |
| 229b) | NA | 1460 | 5 | La Voz de la Amistad, Pasto: 24h |
| 296) | MN | 1460 | 3 | La Voz de Amalfi, Amalfi: 1100-0300 |
| 297) | VH | 1460 | 5 | R. Multicolor, Barranquilla |
| 298) | HQ | v1470 | 5 | R. Futurama, Pacho: 0900-0300 |
| 299) | IF | °1470 | 1 | R. Tres Fronteras, Puerto Assis |
| 300) | TB | 1470 | 2 | Ondas de Ibagué, Ibagué: 1000-0400 |
| 42c) | IM | 1470 | 5 | R. Musical, Medellín: 24h |
| 301) | OD | 1470 | 5 | R. Rodadero, Santa Marta: 24h (n.1480) |
| 302) | NT | 1470 | 2 | R. Pinta, Palmira: 1100-0500 |
| 115b) | FL | 1480 | 10 | R. Centinela, Pereira |
| 303) | OA | 1480 | 5 | Ondas del Múscua, Fomeque |
| 304) | PX | 1480 | 5 | La Voz de las Estrellas, Cartagena (n.1470) |
| 305) | TC | 1480 | 1 | R. Sonsón, Sonsón (n.1490) |
| 306) | TZ | v1480 | 5 | R. El Sol, Bucaramanga: 24h |
| 307) | BS | 1490 | 5 | R. Punto Cinco, Bogotá: 24h |
| 308) | CL | 1490 | 3 | R. Garzón, Garzón: 1000-0300 |
| 309) | AY | v1490 | 10 | Onda Nueva Popularisima, Barranquilla: 1100-0500 |
| 310) | OJ | 1490 | 1 | La Voz de San Marcos, San Marcos |
| 311) | ZB | 1490 | 5 | La Voz de los Robles, Tuluá |
| 28d) | LJ | 1500 | 10 | R. Tropical, Cali: 24h |
| 312) | MP | 1500 | 1 | La Voz de Aguachica, Aguachica |
| 313) | SH | 1500 | 5 | Ecos de Ricaurte, Moniquirá: 0900-0300 |
| 314) | TW | 1500 | 5 | R. Sumapaz, Fusagasugá: 0900-0400 |
| 315) | UW | 1500 | 5 | La Voz de la Feira, Manizalez |
| 155c) | ZH | 1500 | 5 | R. Disco, Medellín: 1100-0600 |
| 316) | HX | 1510 | 1 | La Voz Panamericana, Bucaramanga: 1000-0500 |
| 73b) | ZA | 1510 | 1 | R. Estrella, Armenia |
| 317) | UH | 1510 | 5 | La Voz de Ciénaga, Ciénaga |
| 318) | VY | 1510 | 1 | R. Armero, Armero: 24h |
| 319) | AM | 1520 | 1 | R. Altamizal, Dolores |
| 320) | LI | 1520 | 1 | R. Latina, Bogotá: 1100-0500 |
| 149b) | LQ | 1520 | 1 | R. Minuto, Barranquilla: 24h (r.1570) |
| 321) | LS | 1520 | 10 | Caracol, Popayán: 24h |
| 322) | MZ | 1520 | 1 | Ecos de la Sierra Flor, Sincelejo |
| 323) | MA | 1520 | 5 | La Voz de Suroeste, Jericó: 24h |
| 324) | GD | 1530 | 5 | Reina de Colombia, Chiquinquirá: 0800-0300 |
| 325) | OZ | 1530 | 5 | La Voz de la P. de Padilla, San Juan del Cesar |
| 326) | PE | 1530 | 1 | Ritmos de Melgar, Melgar: 1100-0300 |
| 327) | DN | 1530 | 1 | R. Rumbos, Medellín: 24h |
| 328) | JB | 1530 | 1 | R. Sevilla, Sevilla |
| 329) | ZF | 1540 | 5 | R. Cóndor, Manizales: 1100-0500 |
| 330) | HD | 1540 | 2 | La Voz del Petróleo, Barrancabermeja: 1000-0300 |
| 331) | RQ | 1540 | 1 | R. Austral, Túquerres: 1000-0400 |
| 332) | QD | 1550 | 1 | R. Reloj del Quindío, Calarcá: 24h |
| 333) | CB | 1550 | 5 | R. Exito, Voz Porteña, Barranquilla: 24h |
| 334) | GY | 1550 | 1 | R. Foro Popular, Lorica |
| 335) | LT | 1550 | 1 | R. 24, Cali |
| 336) | ZI | 1550 | 10 | R. Fantasia, Bogotá: 24h |
| 337) | CP | 1560 | 5 | R. Galaxia, Arbeláez: 24h |
| 338) | HE | 1560 | 1 | Voces Rivirenses, Malaga |
| 339) | GP | v1560 | 5 | R. El Sol, Tulua: 24h |
| 340) | PZ | 1560 | 1 | R. Codazzi, Codazzi |
| 341) | XZ | 1560 | 5 | Emis. El Poblado, Medellín |
| 342) | ZT | 1570 | 1 | La Voz de los Fundadores, Manizales |
| 343) | LC | 1580 | 1 | La Voz del Banco, El Banco: 1000-0500 |
| 344) | NN | 1580 | 1 | R. Zulima, Villa del Rosario |
| 345) | OE | 1580 | 1 | R. Miraflores, Rovira |
| 346) | OT | 1580 | 1 | R. Cachaca, Bogotá |
| 89c) | QZ | 1580 | 1 | La Voz de las Estrellas, Barranquilla: 24h |
| 347) | RM | 1580 | 5 | R. Costanera, Sincelejo |
| 348) | SQ | 1580 | 5 | R. Robledo, Cartago: 1100-0300 |
| 349) | IP | 1590 | 5 | R. Zona Metropolitana, Envigado: 1100-0500 |
| 350) | JQ | 1590 | 1 | R. Zarzal, Zarzal: 1030-0500 |
| 351) | KF | 1600 | 1 | Armonias Zipaquireñas, Zapaquirá |
| 352) | SP | 1600 | 5 | R. Soratama, Pereira |
| 353) | — | r1600 | 1 | R. Tiempo, Barranquilla |

**Shortwaves:** Call: HJ--, * = inactive, v = varying frequency, h. of tr. 1100-0500 exc. where indicated.

| | Call | kHz | kW | Name and h. of tr. |
|---|---|---|---|---|
| 31a) | EU | v4755 | 5 | Caracol, Bogotá: 24h |
| 278) | KW | v4775 | 1 | La Voz de Maria "R. Kennedy", Bogotá: 1100-0400 |
| 299) | — | r4782 | 1 | R. Tres Fronteras, Pto. Asis |
| 64) | LW | v4785 | 5 | Ecos del Combeima, Ibagué: 24h |
| 76) | VG | v4815 | | R. Guatapuri, Valedupar: irr. |
| 175) | AM | 4835 | 1 | R. Buenaventura: 24h |
| 188) | PI | v4835 | 1 | R. Tamboral, Riosucio: 1200-0200 |
| 37) | GF | 4845 | 10 | R. Bucaramanga: 1000-0400 |
| 119) | FV | 4855 | 1 | R. Neiva, Neiva |
| 79) | LZ | v4865 | 1 | La Voz del Cinaruco, Arauca: 0900-0400 (Sun 0200) |
| 16) | GB | 4875 | 2 | R. Super, Medellín (n.4825) |
| 71) | BV | 4875 | 5 | La Voz del Norte, Cúcuta: 0915-0500 |
| 153) | IG | v4885 | 1 | Ondas del Meta, Villavicencio |
| 132) | OT | v4896 | 1 | Brisas del Citará, Quibdo: irr. |
| 89) | AG | 4905 | 2 | Emis Atlántico, Barranquilla: 24h |
| 185) | TM | 4915 | 1 | R. Sonar, Ocaña: 24h |
| 51) | — | 4915 | 3 | Armonias del Caqueta, Florencia: 1000-0500 |
| 142) | JU | v4925 | 2.5 | Em. Meridiano 70, Arauca: 1100-0200 |
| 108) | DE | 4935 | 1 | R. Villavicencio, Villavicencio |
| 57) | DH | 4945 | 20 | Caracol Neiva/Colosal, Neiva: 24h |
| 2) | CQ | 4955 | 50 | R. Dif. Nacional, Bogotá: 0930-0500 |
| 90) | AE | 4965 | 5 | R. Santa Fé, Bogotá: 24h |
| 136) | QA | 4975 | 1 | Ondas del Orteguaza, Florencia: 1000-0300 |
| 84) | OX | 5010 | 2.5 | R. Cult. Surcolombiana, Neiva: 24h |
| 262) | FW | v5020 | 2 | Ecos del Atrato, Quibdó: 1000-0600 |
| 285) | IC | 5035 | 1 | La Voz del Caquetá, Florencia: 1000-0500 |
| 181) | OW | v5040 | 2 | R. Cinco, Villavicencio: 24h |
| 237) | PV | v5051 | 1 | La Voz de Yopal, Yopal |
| 5c) | GC | 5075 | 25 | R. Sutatenza, Bogotá: 0900-0400 |
| 5c) | GG | 5095 | 50 | R. Sutatenza, Bogotá: 0900-0400 |
| 354) | — | r5224v | 1 | La Voz del Caucayá, Pto. Leguízamo |
| 355) | — | r5750v | — | Emis. Nuevos Horizontes, Ipiales |
| 2) | — | r5932 | 25 | R. Dif. Nal, Bogotá |
| 123) | OQ | v5955 | 5 | La Voz de los Centauros, Villavicencio: 0930-0500 |
| 93) | HZ | r5973 | 5 | R. Macarena, Villavicencio: 0900-0500 (n.5975) |
| 3) | HA | *5985 | 10 | Transm. de la Independencia, Tunja |
| 152) | OY | 6015 | 2.5 | R. Mira, Tumaco: 1100-0500 |
| 64) | LW | r6026 | 5 | Ecos del Combeima, Ibague |
| 2) | ZJ | v6030 | 25 | R. Dif. Nal, Bogotá |
| 144) | WA | 6035 | 5 | La Voz de Guaviare, San José del Guaviare: 1000-0500 |
| 35) | LB | 6040 | 10 | La Voz del Tolima, Ibagué |
| 19) | — | r6045 | 5 | R. Melodía, Bogotá |
| 72) | AX | 6065 | 5 | R. Super, Bogotá: 24h |
| 5c) | ID | 6075 | 10 | R. Sutatenza, Bogotá: 1000-0400 |

| | Call | kHz | kW | Name, location and h. of tr. |
|---|---|---|---|---|
| 295) | TF | 6085 | 1 | Ondas del Darién, Turbo: 1000-0500 |
| 81) | IW | 6095 | 5 | La Voz del Centro, Espinal: 0900-0530 |
| 22c) | — | r6105 | 1 | R. Tropical, Medellín |
| 62) | IA | v6115 | 2 | La Voz del Llano, Villavicencio: 0900-0500 |
| 157) | — | v6120 | 10 | R. Super, Cali: 24h |
| 47) | KE | 6125 | 1 | R. Continental, Bogotá: 24h |
| 246) | EQ | *6145 | 1 | La Voz del Cauca, Popayán |
| 160) | FR | 6150 | 2 | La Voz del Huila, Neiva: 24h |
| 12b) | KJ | v6160 | 10 | Emis. Nueva Granada, Bogotá: 24h |
| 96) | KF | 6170 | 1 | La Voz de la Selva, Florencia |
| 2) | OO | 6180 | 25 | R. Nacional, Bogotá |
| 13b) | — | 6195 | 1 | La Voz de Cali, Cali |
| 2) | ZM | v9635 | 25 | R. Dif. Nacional, Bogotá: 0930-0500 |
| 2) | ZK | v9685 | 25 | R. Dif. Nacional, Bogotá |
| 2) | ZN | v11795 | 25 | R. Dif. Nacional, Bogotá |
| 2) | ZP | v15335 | 25 | R. Dif. Nacional, Bogotá |
| 2) | — | 15500 | 3 | R. Dif. Nacional, Bogotá (SSB) |
| 2) | — | 17865 | 25 | R. Dif. Nacional, Bogotá |

### CARACOL (Primera Cadena Radial Colombiana)

**ADDR:** Ap. A. 9291 (Av. 19 No. 8-48), Bogotá, D.E. **Te:** 2822088.
**L.P:** DG: Diego Fernando Londoño. Sec. Gral: Alma Beatriz de Estrada.
**STATIONS: Basic network:** 4), 15), 22), 28), 31), 45), 49), 56), 57), 68), 70), 79), 86), 96), 98), 109), 112), 117), 127), 129), 139), 143), 146), 149), 150), 152), 154), 158), 160), 164), 174), 176), 177), 179), 183), 185), 189), 190), 191), 199), 200), 206), 210), 212), 221), 240), 242), 249), 267), 269), 270), 271), 279), 280), 282), 283), 284), 296), 299), 310), 319), 321), 324), 332), 338), 343).

### TODELAR (Circuito Todelar de Colombia)

**ADDR:** Ap. A. 1431, Medellín (Ant.)
**L.P:** Pte: Bernardo Tobón de la Roche. Mgr: Bernardo Tobón Martínez. Dir. Tec: Guillermo Escobar B.
**STATIONS:** 10), 17), 24), 26), 38), 42), 60), 76), 77), 78), 93), 101), 111), 114), 115), 116), 122), 144), 145), 195), 204), 227), 301).

### RCN (Radio Cadena Nacional)

**ADDR:** Ap. A. 1244 (Edif. Coltejer piso 12), Medellín (Ant.)
**L.P:** Pte: Carlos Ardila L. Gte: Oscar Bayter Posada. Dir. Tec: Carlos Lulle B.
**STATIONS:** 7), 11), 12), 13), 23), 42), 48), 49), 54), 57), 65), 66), 81), 83), 108), 138), 147), 148), 156), 161), 162), 165), 171), 173), 182), 209), 215), 223), 224), 225), 229), 235), 236), 243), 246), 252), 260), 261), 265), 268), 285), 306), 318), 333), 337), 339), 350).

### SUPER RADIO

**ADDR:** Ap. A. 23316 (Calle 38A No. 18-12), Bogotá, D.E.
**STATIONS:** 16), 61), 62), 64), 92), 119), 126), 139), 141), 143), 153), 157), 175), 207), 213), 239), 244), 248), 253), 271), 293), 322), 330), 341), 342).

### CADENA LIDER DE COLOMBIA

**ADDR:** Bogotá. **STATIONS:** 17), 95), 230).

### CADENA GRUPO RADIAL COLOMBIANO

**ADDR:** Ap. A. 7629, Cali — **L.P:** Gilberto & Miguel Rodríguez.
**STATIONS:** 8), 34), 46), 102), 118), 170), 181), 251), 281), 302), 316), 335), 341).

**State abbreviations:** (Departmentos, Indendencias y Comisarias). Ant = Antioquia; Atl = Atlantico; Bol = Bolivar; Boy = Boyaca; Caq = Caqueta; Ces = Cesar; Cor = Cordoba; Cun = Cundinamarca; D.E. = Distrito Especial; Gua = Guajira; Hui = Huila; Mag = Magdelena; Nar = Narino; NS = Norte de Santander; Put = Putumayo; Qui = Quindio; Ris = Risaralda; SS = Santander del Sur; Tol = Tolima; Valle = Valle del Cauca.
**N.B:** D.E. and Valle can be used for postal purposes. In all other cases full name is preferred.
Ap. A. = Apartado Aéreo.

**Addresses and other information:**
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2) Edif. de Inravisión — CAN, Av. El Dorado, Bogotá, D.E. — Dir: Alberto Upegui A.
3) Calle 19 No. 9-50, Tunja (Boy) — Gte: Alberto Upegui A.
4) Calle 37, No. 15-49, Maicao (Gua) — DG: Leonor de Abuchaibe.
5a-e) Acción Cultural Popular, R. Sutatenza, Cra. 39A, 15-81, 20 Piso, Ap. A. 7170, Bogotá, D.E. — Gte: Jardany Suárez R. Dir. Tec: German Ochoa.
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5b) Ap. A. 1644, Cali (Valle) — Gte: Juan Delgado P.
5c) Ap. A. 7170, Bogotá, D.E. — Gte: Jardany Suárez R.
5de) Ap. A. 4171, Barranquilla (Atl) — Gte: Victor Gonzales S.
6) Ap. A. 3143, Barranquilla (Atl) — Gte: Roberto Esper R.
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11) Ap. A. 540, Santa Marta (Mag) — Gte: Julio Sánchez T.
12abc) Calle 37 No. 37A-19, piso 5 (Ap. A. 1244), Bogotá, D.E.
13abcde) Ap. A. 1972, Cali (Valle) — Dir: Vladimir Ramirez. (HJJF: Dir: Jaime Echeverry Loaiza).
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18) Cra. 16 No. 19-23, Armenia (Qui) — DG: Aníbal Mejia.
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88) Calle Real-Santander, Sincelejo (Suc).
89a) Ap.A. 51205, 89b) Ap.A. 51266, Barranquilla (Atl) — Gte: Efrain Tejada F. 89c) Calle 72 No. 48-37.
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93) Ap.A. 2484, Villavicencio (Meta) — Gte: Enrique Zambrano Nieto.
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105) Ap.A. 1178, Medellín (Ant) — Gte: Humberto Mesa R.
106) Arauca — DG: Jorge A. Mateus.
107) Calle 13 No. 8-56, Maicao (Gua) — DG: Salomón Leuner.
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109) Av. New Bolld, Via Parque, San Andrés Isla — Gte: Alberto Gallardo.
110) Ap.A. 448, Sincelejo (Sucre) — Gte: Juan Guerra T.
111) Ap.A. 926, Ibagué (Tol) — Gte: Antonio Rocha P.
112abc) Ap.A. 223, Bucaramanga (SS) — Gte: Alvaro Fonseca C.
113ab) Calle 20 No. 8-54, Tunja (Boy) — Gte: Victor Umaña.
114) Ap.A. 2, Cartago (Valle) — Gte: Alvaro Escobar M.
115ab) Ap.A. 221, Pereira (Ris) — Gte: Elmer Paláez R.
116) Ap.A. 2010, Barranquilla (Atl) — Gte: Leónidas Otálora G.
117) Ap.A. 503, Magangué (Bol) — Gte: Rafael Cure A.
118ab) Ap.A. 28508, Bogotá, D.E. — Gte: Julio Sánchez V.
119) Ap.A. 137, Neiva (Huila) — Gte: Ernesto Durán C.
120) Calle 19 No. 27-54, Pasto (Nar).
121) Ap.A. 1650, Cúcuta (NS) — Gte: Ines García de Duran.
122) Ap.A. 4148, Cali (Valle) — Gte: Roberto Giraldo S.
123) Ap.A. 2472, Villavicencio (Meta) — Gte: Guillermo Torres B.
124) Cartagena (Bol) — Gte: Joaquin Franco.
125) Calle 3 No. 3-42, Barbosa (San) — DG: Hugo Cotes T.
126) Ap.A. 362, Girardot (Cun) — Gte: José C. Cifuentes G.
127) Cra. 4 No. 8-46, Anserma (Caldas) — Gte: Carlos Girardo R.
128ab) Ap.A. 1064, Duitama (Boy) — Gte: Guillermo Benavides G.
129) Ap.A. 1017, Armenia (Qui) — Gte: Esau J. Montaño.
130) Calle 9 No. 13-00, Ocaña (NS) — Gte: Carlos Navarro.
131) Cra. 16 No. 23-40, Sincelejo (Suc) — DG: Juan A. Navarro.
132) Cra. 3 No. 22-53, Quindó (Chocó) — Gte: Alfonso Agudelo.
133) Ap.A. 148, Montería (Cor) — Gte: Alberto Granados.
134) Ap.A. 3143, Barranquilla (Atl) — Gte: Roberto Esper R.
135) Ap.A. 2284, Cúcuta (NS) — DG: Luis Camargo O.
136) Ap.A. 209, Florencia (Caq) — Gte: Jorge D. Santos Calderon.
137) Ap.A. 1064, Ipiales (Nar) — Gte: Luis Alberto Ruiz M.
138) Ap.A. 126, Tuluá (Valle) — Gte: A. Escobar.
139) Cra. 9a No. 9-56, Guamo (Tol) — Gte: Camilo Sarmiento G.
140ab) Ap.A. 246, Maicao (Gua) — Gte: Alvaro Ballesteros Medero.
141) Ap.A. 492, Valledupar (Ces) — Gte: Alfonso Campos S.
142) Ap.A. 18207, Arauca — Gte: Ernesto Córdoba S.
143) Ap.A. 403, Cartagena (Bol) — DG: Juan Cantillo
144) Cra. 3 Calle 2, San José del Guaviare — DG: Alfredo Matiz.
145) Calle 44 No. 67-81, Medellín (Ant) — Gte: Bernardo Tobón.
146a) Ap.A. 335, Manizales (Caldas) — Gte: Gilberto Aristizábal.
147) Ap.A. 1100, Bucaramanga (SS) — Gte: Hernando Loayza.
148) Ap.A. 2419, Ibagué (Tol).
149ab) Ap.A. 50906, Barranquilla (Atl) — Dir: Gabriel Foreno Sanmiguel.
150) Ap.A. 145, Cartago (Valle) — Gte: Cristobal de los Rios.
151) Calle de Comercio, Sahagun (Cor) — DG: Bernardo Elias Nader.
152) Ap.A. 165, Tumaco (Nar) — Gte: Padre Agapito Lecumberay.
153) Ap.A. 2196, Villavicencio (Meta) — Gte: Celestino Cifuentes.
154) Avenida Las Palmas 5-08, Fusagasuga (Cun) — Dir: José Carrera.
155a-d) Ap.A. 4552, Medellín (Ant) — 155a) Gte: José Carrera, 155c) Gte: Oscar Lopez.
156) Calle 11 No. 12-74, Sogamoso (Boy) — DG: Hector J. Barrera.
157) Calle 18N No. 5N-21, Cali (Valle) — Dir: Humberto Pava C.
158) Ap.A. 3, Riohacha (Gua) — Gte: José I. Vives.
159) Calle Real 20-184, Cartagena (Bol).
160) Ap.A. 150, Neiva (Huila) — Gte: Rafael Navarro T.
161) Ap.A. 89, Pereira (Ris) — Gte: Fabio Palau R.
162) Calle 30 Cra 3, Montería (Cor) — Gte: Rubén Hoyos.
163) Ap.A. 10951, Bogotá, D.E — Gte: Fabio Espinosa.
164) Cra. 8 No. 4-48, Ipiales (Nar) — Gte: Alfredo Miranda.
165) Cra. 10 No. 9-93, San Gil (SS) — Gte: G. Reyes D.
166) Barranquilla (Atl) — Gte: Jésus M. Arcila.
167) Ap.A. 3998, Medellín (Ant) — Gte: Carlos Nicholls Posada.
168) Calle 15 No. 13-56, Acacias (Meta) — DG: Eduardo Riveros.
169) Calle 19 No. 9-35, Tunja (Boy) — DG: Antonio Piedrahita.
170) Cra. 20 No. 36-11, Bucaramanga (SS).
171) Ap.A. 5400, Cali (Valle) — Gte: Rafael Payan S.

172) Calle 14 No. 9-10, Girardot — Gte: Belisario Martínez.
173) Ap.A. 556, Armenia (Qui) — Gte: Efrain Arce A.
174) Ap.A. 23, Barrancabermeja (SS) — Gte: Cayetano Dominguez.
175) Cra. 1 No. 5A-05, Buenaventura (Valle) — Gte: Otto Burckhardt C.
176) Ap.A. 6558, Sarabena, Arauca — Own: Mario Fric.
177) Ap.A. 100, Corozal (Sucre) — Gte: Nelson Martelo O.
178) Calle 38 No. 28-87, Pasto (Nar) — Gte: R.P. Jaime Alvarez.
179) Ap.A. 1094, Ibagué (Tol) — Gte: Jesus M. Arcila.
180) Club Hansa, San Andrés Isla — Gte: Manuel Duqué.
181) Ap.A. 2284, Villavicencio (Meta) — Gte: Armando Agudelo Colmanez.
182) Calle 17 No. 15-20, Valledupar (Cesar) — Gte: Antonio Fierro.
183) Ap.A. 089, Leticia (Amazonas) — Gte: Germán Parra S.
184) Calle 73 No. 7-17, Montería (Cor) — DG: Jaime Gonzáles V.
185) Ap.A. 91, Ocaña (NS) — Gte: Jorge Cabrales Romero.
186) Calle 31 No. 10-23, Santa Marta (Mag) — DG: Raúl Montoya.
187) Ap.A. 520, Pereira (Ris) — Gte: Pedro N. Mesa M.
188) Cra. 5a No. 30-54, Quibdó (Chocó) — Gte: Oswaldo Martinez Chaverra.
189) Cra. 6 No. 5S-37, San Juan del Cesar (Gua) — Gte: Gilberto Leal V.
190) Calle 19 No. 27-54, Pasto (Nar) — Gte: Gonzalo Ardilla.
191) Cra. 3 Calles 2 y 3, Concordia (Ant) — Gte: Pedro Nel Sánchez.
192) Cra. 3 No. 5-69, Barbosa (SS) — Gte: Rafael Fonseca L.
193) Cra. 44 No. 37-21, Barranquilla (Atl) — Gte: Joséa de la Espriella.
194) Ed Palis, Apto. 2A, El Rodadero, Sta. Marta (Mag) — Gte: Pedro de Andreís Abello.
195) Calle 6 No. 5-36, Pitalito (Huila) — Pte: Manuel Castro T.
196) Cra. 20 No. 21-90, Sampués (Suc) — DG: Antonio Fernández.
197) Av. 4 No. 3-76, Cali (Valle) — Gte: Amparo S. de Carvajal.
198) Hacienda las Gaviotas, Granada (Met).
199) Cra. 9 No. 8-69, Garagoa (Boy) — DG: Hernando Gámez Roa.
200) Ap.A. 416, Girardot (Cun) — Gte: Jairo E. Cifuentes.
201) Ap.A. 4300, Medellín (Ant) — Gte: Marco F. Eusse.
202) Calle 10 Cra. 6, Mocoa — DG: Arturo H. Afanador.
203) Calle 3 No. 3-62, Mariquita (Tol) — Gte: Lisimaco Parra.
204) Bocagrande 8-177, Cartagena (Bol) — DG: Tobón de la Roche.
205) Calle 20 No. 10-64, Tunja (Boy) — DG: Asceneth Jimenez M.
206) Ap.A. 364, Montería (Cor) — Gte: Francisco T. Zubina R.
207) Ap.A. 231, Barranquilla (Atl) — Gte: Clemente Vasallo G.
208) Ap.A. 3854, Medellín (Ant) — Gte: Ignazio Ramírez B.
209) Cra. 10 Calle 79, Apartadó (Ant) — Gte: Carlos H. Alvarez.
210) Calle 38 No. 13-37, Bogotá, D.E. — Gte: Gonzalo Ayala.
211) Ap.A. 1282, Cúcuta (NS) — Gte: García Herreros Alcira.
212) Cra. 7 No. 9-57, Guateque (Boy) — Gte: Guillermo Quintero.
213) Ap.A. 578, Barrancabermeja (SS) — Gte: Alfonse Eljach M.
214) Cra. 30 No. 29-09, Palmira (Valle) — Gte: Eduardo Luna.
215) Ap.A. 457, Girardot (Cun) — Gte: Jaime Fernandez.
216) Calle 8 Cra. 8, Fundación (Mag).
217) Ap.A. 665, San Andrés — DG: León Cybul.
218) Ap.A. 4910, Medellín (Ant) — Gte: C. Gómez de Cardona.
219) Calle 75 No. 49-56, Barranquilla (Atl).
220) Cra. 7 No. 16-50, Pereira (Ris).
221) Cra. 10, No. 13-68, San Gil (SS) — Gte: Mario G. Rojas.
222) Centro Cooperativo, El Peñol (Ant).
223) Calle 6 No. 2-14, Buenaventura (Valle) — Gte: Carlos E. Lopez.
224) Calle 20 No. 24-93, Av. las Penitas, Sincelejo (Sucre) — Gte: Angel Romero Segura.
225) Ap.A. 192, Neiva (Huila) — Gte: Mario Reyes D.
226) Casa Cural, Nariño (Ant) — Gte: Rodolfo Salazar Z.
227) Calle 39 No. 22-54, Bucaramanga (SS).
228) Calle 5 No. 0-45, Cúcuta (NS).
229ab) Ap.A. 516, Pasto (Nar) — Gte: Gilberto Muriel T.
230) Ap.A. 7870, Medellín (Ant) — Gte: Ismael Ochoa M.
231) Av. Estación 23, Cali (Valle) — DG: Roberto Esper.
232) Banco del Comercio, Ibagué (Tol) — Gte: Sra. Ana Rosa de Quinbaya.
233) Cra. 2a No. 2-43, Puerto Boyaca (Boy) — Gte: Mario Caraballo.
234) Cra. 16 No. 11-102, Codazzi (Ces) — Gte: Alfonso Campo S.
235) Cra. 2 Calle 4, Caucasia (Ant) — Gte: Javier Betancourt.
236) Calle 14 No. 7-97, Sta. Marta (Mag) — Gte: Antonio Escobar B.
237) Cra. 9 No. 7-17, Yopal — Dir: Marco A. Perez.
238) Calle 16 No. 4-47, Zapatoca (SS) — DG: Angel J. Jaimes.
239) Cra. 7 No. 15-10, Pereira (Ris) — Gte: Rosas Salazar R.
240) Calle de la Cruz No. 9-89, Cartagena (Bol) — Gte: Napoleón Perea.
242) Cra. 18 No. 18-31, Sincelejo (Sucre) — Gte: Nadin Miserque A.
243) Cra. 49 No. 48c-11, Rionegro (Ant) — Gte: Alberto Arenas B.
244) Calle 9 No. 3-71, Cúcuta (NS) — Gte: Natasha Ramírez.
245) Ap.A. 320, Barranquilla — Gte: Dorian Fayan N.
246) Ap.A. 535, Popayán (Cauca) — Gte: Carlos E. Zapata.
247) Ap.A. 201, Palmira (Valle) — Gte: Jaime Bejarano D.
248) Gigante (Huila) — Gte: José Roger Quintero.
249) Ap.A. 34, La Dorada (Caldas) — Gte: Javier Comas P.
250) Cra. 9 No. 5-02, Valledupar (Ces).
251) Cra. 48 No. 63-43, Medellín (Ant) — Gte: Carlos A. Rodríguez.
252) Ap.A. 1186, Tunja (Boy) — Gte: Clemente Rodríguez.
253) Ap.A. 1585, Manizales (Caldas) — Gte: Arturo Gallego E.
254) Calle 11 No. 4-10, Espinal (Tol) — Gte: Antonio Forrero B.
255) Ap.A. 1620, Bucaramanga (SS) — Gte: Alberto Sanmiguel Arango.
256) Cra. 18 No. 3-39, Pacho (Cun) — DG: Jaime Salgado C.
257) Ap.A. 403, Barranquilla (Atl) — Gte: Gustavo Cardona A.
258) Ap. A. 1303, Cúcuta (NS) — Gte: José Neira Rey.
259) Cra. 5 No. 14-35, Montelibano (Cor) — DG: Demetrio Nader.
260) Cra. 11 No. 13-60, Sogamoso (Boy) — Gte: Luis Enoc Valencia.
261) Cra. 25 No. 40-38, Armenia (Qui) — Gte: Alvaro Sanin H.
262) Ap.A. 78, Quindó (Chocó) — Own: Efrain Gaitán O.
263) Cra. 6 No. 10-60, Ipiales (Nar) — Gte: Roberto Ramírez.
264) Ap.A. 3201, Bogotá, D.E. — Gte: Luis A. Monroy B.
265) Los Almendros, Santa Bárbara (Ant) — Gte: Alfonso Botero.
266) Ap.A. 1226, Medellín (Ant) — Gte: Juan R. Tobón T.
267) Cra. 14 No. 5-81, Buga (Valle) — Gte: José M. González.
268) Ap.A. 536, Honda (Tol) — Gte: Enrique Valencia H.
269) Cra. 3 No. 3-42, Vélez (SS) — Gte: Rodrigo Correa F.
270) Calle Román 5-45, Cartagena (Bol) — Gte: Jorge Vergara P.
271) Ap.A. 1240, Santa Marta (Mag) — Gte: Augusto Díaz G.
272) Calle 20 No. 7-18, Zapatoca (SS) — Gte: Alvara Grass.
273) Cra. 20 No. 20-21, Yarumal (Ant).
274) Ap.A. 542, Sincelejo (Sucre) — Gte: Antonio Turbay.
275) Ap.A. 1071, Pamplona (NS) — Dir: Maria Sucorro Luna S.
276) Ap.A. 759, Popayán (Cauca) — Gte: Carlos Valencia M.
277) Calle 6 No. 5-05, Riosucio (Caldas) — Gte: Gersain Betancur.
278) Ap.A. 16029, Bogotá, D.E. — Gte: Rvdo. Vicente José Echeverri S.J.
279) Calle 6 No. 1-23, Puerto Berrío (Ant) — Gte: Javier Betencourt.
280) Calle 50, No. 50-53, Abejorral (Ant) — DG: Fernando Gonzalez Correa.
281) Ap.A. 6565, Barranquilla (Atl).
282) Cra. 14, 11-66, Santa Rosa de Cabal (Ris) — DG: Gildardo Cardona R.
283) Ap.A. 130, Tuluá (Valle) — Gte: Eduardo Ruega S.
284) Trans. 5 No. 16a-55, Honda (Tol) — Gte: Luis V. González.
285) Ap.A. 150, Florencia (Caq) — Gte: Jorge Umaña.
286) Calle 6, 4-49, Floridablanca (SS) — Gte: Alba T. de Ayala.
287) Ap.A. 1260, Manizales (Caldas) — Gte: Ivan Hoyos R. Orrego.
288) Ap.A. 18, Carmen de Bolivar (Bol) — Gte: Manuel B. Romero.
289) Cra. 8 No. 7-30, Flandes (Tol) — DG: Antonio Forero.
290) Calle 7 No. 6-40, Villa del Rosario (NS) — Gte: Sebastian Ayala O.
291) Ap.A. 307, Sincelejo (Sucre) — Gte: Jorge Gomes Jimenez.
292) Calle 3 Cra. 4, San Agustin (Huila) — Gte: Pbr. Jorge E. Vargas.
293) Ap.A. 768, Armenia (Qui) — Gte: Sabogal Vásquez.
294) Ap.A. 10900, Bogotá, D.E. — Gte: Octavio Moreno H.
295) Ap.A. 1289, Medellín (Ant) — Dir: Manuel Cardona A.
296) Amalfi (Ant) — Gte: Gerardo Montoya M.
297) Via 40, No. 79-20, Barranquilla (Atl).

298) Cra. 15 No. 3-58, Pacho (Cun) — Gte: Luis A. Rocha.
299) Ap.A. 9, Puerto Assis (Put) — Gte: Carlos A. Herrera R.
300) Ap.A. 589, Ibagué (Tol) — Gte: Luis E. Martínez R.
301) Ap.A. 052, Santa Marta (Mag) — Gte: Edgard Polo F.
302) Ap.A. 335, Palmira (Valle) — Gte: Americo Kuri K.
303) Cra. 3 No. 3-28, Fomeque (Cun) — DG: José A. Vargas.
304) Ap.A. 1582, Cartagena — Gte: Efrain Tejada F.
305) Calle 7 No. 7-54, Sonsón (Ant) — Gte: J. Cardona H.
306) Ap.A. 322, Bucaramanga (SS) — Gte: Hernando Loayza.
307) Diagonal 45, No. 16-04, Bogotá, D.E. — Gte: Nestor G. Padilla P.
308) Cra. 7 No. 7-05, Garzón (Huila) — Gte: Miguel Trujillo.
309) Ap.A. 2647, Barranquilla (Atl) — Gte: Jaime Jimenez V.
310) Cra. 28 Calle 18, San Marcos (Sucre) — Gte: Laureano Zuleta.
311) Calle 8 No. 16-47, Tuluá (Valle) — DG: Efraín Castro López.
312) Cra. 10a No. 4-24, Aguachica (Ces) — Gte: Carlos Navarro.
313) Calle 7 No. 3-61, Moniquirá (Boy) — DG: Henry Parra P.
314) Ap.A. 96, Fusagasugá (Cun) — Gte: Santiago Munevar Silva.
315) Calle 36 No. 22-22, Manizales (Caldas).
316) Ap.A. 432, Bucaramanga (SS) — Gte: Gonzalo Ayala O.
317) Calle 18 No. 5-58, Ciénaga (Mag).
318) Calle 11 No. 15-22, Armero (Tol).
319) Cra. 7a No. 6-58, Dolores (Tol) — Dir: Héctor Hernández.
320) Ap.A. 11279, Bogotá, D.E. — Gte: Enrique Sanchez M.
321) Ap.A. 770, Popayán (Cauca) — Gte: Hembert Paz G.
322) Ap.A. 189, Sincelejo (Sucre) — Gte: Roberto Angulo M.
323) Calle 7, Crras. 344, Jerico (Ant) — DG: Pedronel Sanchez Pezza.
324) Ap.A. 42, Chiquinquirá (Boy) — Gte: Tito Murcia F.
325) Calle 1 No. 5-63, San Juan del C (Gua).
326) Cra. 24 No. 6-24, Melgar (Tol).
327) Ap.A. 95027, Medellín, Ant — Gte: Rafael Aranzazu.
328) Cra. 51 No. 49-21, Sevilla (Valle) — Gte: Oscar Salazar J.
329) Ap.A. 441, Manizales (Caldas) — Gte: John Sanchez B.
330) Ap.A. 250, Barrancabermeja (SS) — Gte: Jorge García Rueda.
331) Calle 20, No. 15-01, Túquerres (Nar) — Gte: Julian Aquirre B.
332) Calle 23 No. 39-43, Calarcá (Qui) — Gte: Heney Pineda.
333) Ap.A. 1643, Barranquilla (Atl) — Gte: Peter Barazza O.
334) Lorica (Cor) — Gte: Manuel Zapata O.
335) Cra.7 No. 14-19, Cali (Valle).
336) Ap.A. 57931, Bogotá, D.E. — Gte: Jorge H. Jiménez.
337) Cra. 3 No. 2-36, Arbeláez (Cun) or Av. 37 No. 75-84, Bogotá — Gte: Carlos I. Rojas R.
338) Cra. 7 No. 12-11, Málaga (SS) — Gte: Constantino Paz.
339) Ap.A. 126, Tuluá (Valle) — Gte: Alonso Botero Palacio.
340) Calle 14 No. 13A-04, Codazzi (Ces) — Gte: Manuel Pineda.
341) Calle 8, No. 33-35, Medellín (Ant).
342) Cra. 23 No. 30-49, Manizales (Caldas) — Gte: Octavio Jaramillo.
343) Ap.A. 45, El Banco (Mag) — DG: José de la Paz Vanegas Ortiz.
344) Cra. 3 Parte del Pinar, Villa del Rosario (NS) — Gte: José Fco. Vega P.
345) Cra. 2 No. 3-74, Rovira (SS) — Gte: Luís F. Tovar.
346) Calle 68 No. 5-67, Bogotá, D.E.
347) Calle 21 No. 17-49, Sincelejo (Suc).
348) Calle 10 No. 6-87, Cartago (Valle) — DG: Manuel Cubillos B.
349) Ap.A. 3266, Envigado (Ant) — Gte: Jaime Tobón de la Roche.
350) Cra. 10 No. 8-54, Zarzar (Valle) — Gte: Oscar Bayter P.
351) Cra. 8 No. 3-35, Zipaquirá (Cun) — Gte: Pedro S. Rozo S.
352) Calle 21 No. 7-57, Pereira (Ris).
353) Barranquilla (Atl).
354) Puerto Leguízamo, Putumayo.
355) José Maria Hernándes, Ipiales (Nar).

**V:** SW verifications received in 1983/4 from st's, 2), 5c), 12b), 16), 47), 51), 57), 62), 76), 79), 84), 90), 96), 119), 123), 135), 136), 140), 144), 153), 160), 181), 237), 262), 285), 295), 354).

**Information for the Latin American section is compiled from official answers to our station questionnaires, and from the efforts of our collaborators and cooperating DX clubs.**

# ECUADOR

**L.T:** UTC-5h — **Pr.L:** Spanish, Quechua
**E.C:** a/c 60, 110/220V (yes).

## INSTITUTO ECUATORIANO DE TELECOMUNICACIONES (IETEL)

**ADDR:** Casilla 3066, Quito. **Cable:** Ietel. **Telex:** 2150, 2202.
**L.P:** Dir. of Frequency Division: Mario Cuesta Bastidas.

## ASOCIACION ECUATORIANA DE RADIODIFUSION

**ADDR:** Almacén de Música J.D. Feraud Guzmán, Edif. Gran Pasaje, Guayaquil.
**STATIONS:** Call HC — .
**Mediumwaves:** °) Shortwaves, v = varying fq. *) = inactive.

| | Call | kHz | kW | Name, location and h. of tr. |
|---|---|---|---|---|
| 1) | FA2 | 540 | 25 | R. Tropicana, Guayaquil: 24h |
| 2) | GM1 | 550 | 25 | R. Reloj, Quito |
| 3) | RN2 | 560 | 25 | C.R.E. — La Voz del Rio Guyas, Guayaquil: 1000-0430 |
| 4) | RM1 | 570 | 1 | R. Musical, Quito: 24h |
| 5) | PC2 | 580 | 10 | R. Uno/La Primérisima, Guayaquil: 24h |
| 6) | SP1 | 590 | 1 | R. Fiesta, Quito: 24h |
| 7) | XY2 | 600 | 50 | R. Nal. del Ecuador, Guayaquil |
| 8) | MJ1 | v°610 | 25 | Em. Gran. Colombia, Quito: 1100-0400 |
| 9) | XY3 | 620 | 50 | R. Nal. del Ecuador, Loja |
| 10) | HA2 | °635 | 5 | Ondas Quevedeñas, Quevedo: 2300-0300 |
| 11) | XY1 | °640 | 50 | R. Nal. del Ecuador, Quito: 0930-0430 |
| 12) | ED4 | °650 | 10 | R. Visión de Manta, Manta: 1030-0500 |
| 13) | LG2 | 660 | 10 | R. Carrousel, Guayaquil |
| 14) | FF1 | °670 | 5 | R. Jesus del Gran Poder, Quito: 1000-0100 |
| 15) | VP2 | °675 | 25 | Sistema de Ems. Atalaya, Guayaquil: 1000-0500 (n. 680) |
| 16) | EA4 | 690 | 5 | La Voz de Manabí, Portoviejo |
| 273) | JB1 | °690 | 50 | La Voz de los Andes, Quito: 0900-0500 |
| 17) | RS2 | v695 | 50 | R. Sucre, Guayaquil (n. 700) |
| 18) | GB4 | r715 | 1.5 | La Voz de Portoviejo, Portoviejo: 1000-0500 (n. 720) |
| 19) | IC1 | 720 | 5 | R. Municipal, Quito: 1045-0400 |
| 20) | MG2 | 730 | 10 | R. Guayaquil: 24h |
| 2) | GC1 | °735 | 10 | R. Melodia, Quito: 24h |
| 21) | SE4 | 745 | 10 | R. Libertad, Chone: (r767): 1100-0600 |
| 22) | CT2 | 750 | 10 | R. Centenario, Guayaquil: 1100-0300 |
| 23) | RQ1 | °760 | 25 | R. Quito, Quito: 1000-0515 |
| 24) | MP2 | v775 | 1 | R. La Prensa, Guayaquil: 0930-0500 (n. 770) |
| 25) | RG4 | 780 | 0.3 | R. Mía, Manta: 1030-0400 |
| 26) | AA1 | 785 | 0.3 | R. Noticia, Quito: 0500-0300 |
| 27) | AA4 | °795 | 2 | La Voz del Valle, Portoviejo: 1130-0400 |
| 28) | DE2 | 800 | 10 | R. Bolivar, Guayaquil: 1200-0500 |
| 6) | FV1 | 805 | 1 | Canal Tropical, Quito: 24h |
| 29) | VT2 | 815 | 0.5 | R. Atalaya, El Milagro: 2300-0300 |
| 30) | RF4 | °820 | 1 | Canal Manabita, Portoviejo |
| 31) | GB1 | v825 | 1 | R. Monumental, Sto. Domingo, Cds. (n. 820): 24h |
| 32) | RH2 | 830 | 10 | R. Huancavilca, Guayaquil: 24h |
| 33) | RP5 | 830 | 2.5 | R. Promoción, Riobamba: 1000-0200 |
| 34) | CE1 | °835 | 0.5 | La Voz del Transito Nal., Quito: 1100-2300 (n.840) |
| 35) | EM4 | °840 | 1 | R. Costa Azul, Portoviejo: 1100-0500 |
| 36) | BA6 | 845 | 3 | R. Ambato, Ambato: 0900-0500 |
| 37) | VS2 | 850 | 50 | R. San Francisco, Guayaquil: 1000-0500 |
| 38) | GB7 | 855 | 0.5 | R. Nal. Espejo, El Puyo: 1600-0400 |
| 39) | RG1 | 860 | 10 | R. Visión, Quito: 1045-0400 |
| 40) | GS6 | °865 | 0.4 | R. Píllaro, Píllaro: 1130-1930, 2100-0330 |
| 41) | LY2 | 870 | 20 | R. Cristal, Guayaquil: 0900-0500 |
| 42) | RP1 | °880 | 2 | R. Católica, Quito: 1130-0300 |
| 43) | LT5 | 890 | 1 | Ondas del Chimborazo, Riobamba: 1100-0500 |
| 44) | RS6 | 890 | 10 | R. Superior, Machala |
| 45) | RJ1 | 900 | 25 | R. Gemas, Quito: 24h |

| | Call | kHz | kW | Name, location and h. of tr. |
|---|---|---|---|---|
| 46) | OF4 | 900 | 2 | R. Chone, Chone: 1000-0400 |
| 47) | RR5 | 900 | 0.2 | R. Reloj, Cuenca |
| 48) | BO2 | 905 | 1 | R. Espectáculo, Guayaquil |
| 49) | GR5 | °910 | 1 | R. Mundial, Riobamba: 1100-0600 |
| 50) | RU3 | °915 | 12.5 | Ondas Orenses, Machala: 1300-0330 |
| 51) | CM1 | 920 | 10 | R. Colón, Quito: 1100-0500 |
| 52) | VL2 | 930 | 1 | R. Canal Tropical, Guayaquil: 24h |
| 53) | EB4 | 930 | 0.35 | R. Manta, Manta (n. 1520, r1523) |
| 54) | IM1 | 930 | 5 | R. Municipal La Voz de Imbabura, Ibarra: 1000-0200 (n. 1040) |
| 55) | UE5 | 935 | 1 | R. Majipampa, Colta: 1030-0145 |
| 56) | BX1 | °940 | 10 | R. Dif. de la Casa de la Cultura Ecuatoriana, Quito: 1100-0300 |
| 57) | DA2 | 945 | 10 | Radifesa, "Punto 945", Guayaquil: 1000-0700 (n.950) |
| 58) | JX6 | v°955 | 3 | La Voz del Santuario, Baños: 1000-0330 (r890) |
| 59) | NC1 | 960 | 1 | R. Cosmopolita, Quito |
| 60) | SA5 | 960 | 1 | R. Unión, Cuenca: 1200-0400 |
| 61) | OT1 | °965 | 25 | R. Zaracay, Sto. Domingo Cds: 1000-0500 |
| 62) | MB1 | 970 | 0.25 | R. Continente, Ibarra: 1130-2000, 2200-0400 |
| 63) | AW2 | 975 | 10 | Ondas del Pacifico, Guayaquil: 1030-0500 (n. 970) |
| 64) | JI5 | 980 | 0.5 | R. El Prado, Riobamba: 1200-0400 |
| 65) | AO5 | 990 | 1 | R. América, Cuenca: 1045-0600 |
| 66) | GH1 | °990 | 25 | Radiodif. Tárqui, Quito: 1045-0400 |
| 67) | EW2 | 995 | 1 | "Frecuencia Mil", Guayaquil (n.990) |
| 68) | GO3 | 1010 | 3 | R. Canal Estelar, Santa Rosa (n.1020) |
| 69) | RC4 | 1010 | 0.7 | R. Cenit, Manta: 1200-0500 |
| 70) | NR6 | 1010 | 12.5 | R. Variedades, Ambato: 1000-0600 |
| 71) | RS6 | 1015 | 5 | R. Surcos, Guaranda: 0945-0330 |
| 72) | RV5 | v1015 | 1.5 | R. Visión, Cuenca: 1100-0500 |
| 73) | LV1 | 1020 | 5 | R. El Sol, Quito: 24h |
| 74) | KL4 | 1030 | 5 | R. Unión, Chone: 1100-0500 |
| 75) | CW1 | 1040 | 3 | La Voz del Valle, Machachi: 1100-1700, 2130-0300 |
| 76) | GB6 | 1045 | 0.6 | R. Colosal, Ambato |
| 1) | AJ2 | °1050 | 25 | C.R.E./Super R., Guayaquil: 1030-0400 |
| 77) | AG6 | 1060 | 1.5 | Ecos del Pueblo, Saquisili: 1000-0400 |
| 78) | RS1 | 1070 | 1 | R. Lubacán, Sto. Domingo: 24h |
| 79) | RT5 | 1070 | 5 | La Voz de Tomebamba, Cuenca: 1100-0500 |
| 80) | VP1 | 1070 | 0.5 | Em. Libertad, Quito: 1100-0300 |
| 81) | KD2 | 1080 | 10 | R. Noticia, La Fabulosa, Guayaquil: 1100-0500 |
| 82) | VH6 | 1080 | 10 | R. Latacunga, Latacunga |
| 83) | AB4 | 1085 | 1 | R. Eco, Manta: 1000-0400 |
| 84) | FW2 | 1100 | 5 | R. Alegría, Guayaquil: 1100-0500 |
| 85) | JC5 | °1100 | 10 | Ondas Azuayas, Cuenca: 1030-0500 |
| 86) | GR6 | 1105 | 1 | R. Novedades, Latacunga (n.1100) |
| 87) | RP6 | 1105 | 0.5 | R. Pelileo: 1130-1330, 2330-0330 |
| 88) | EG1 | 1105 | 1 | R. Exito, Quito: 1100-0500 (n.1110) |
| 89) | EB1 | 1120 | 2 | Ecos de Montúfar, San Gabriel: 1200-0300 |
| 90) | IR1 | 1125 | 5 | R. Amazonas, Pomasqui: 1100-0300 (n.1140) |
| 91) | PV6 | 1125 | 5 | R. Centro, Ambato: 0900-0600 (n.1130) |
| 92) | RC1 | 1130 | 2 | R. Punto, Ibarra: 1100-0500 |
| 93) | AZ5 | 1140 | 0.25 | R. Alfa Musical, Cuenca: 1100-0630 |
| 94) | FS2 | 1140 | 3 | R. Cóndor, Guayaquil: 1130-0500 |
| 95) | LA2 | v1140 | 1 | R. América, Guayaquil (n.1120) |
| 96) | AV3 | °1150 | 5 | R. Luz y Vida, Loja: 0945-0200 |
| 97) | GB5 | 1150 | 0.5 | La Voz de Riobamba: 1200-0400 |
| 69) | ND4 | °1155 | 1 | R. Cenit, Portoviejo: 1200-0500 |
| 98) | CP1 | 1160 | 10 | R. Presidente, Quito: 24h |
| 99) | UR6 | 1165 | 1 | R. Runatacuyac, Latacunga |
| 100) | RB2 | 1170 | 10 | R. Agricultura/La Voz de Litoral, Guayaquil |
| 101) | AH3 | 1170 | 3 | R. El Trebol, Zaruma |
| 102) | JM4 | °1170 | 10 | R. Cultural, Antena Libre, Esmeraldas: 1100-0300 |
| 103) | JV5 | 1170 | 1 | R. Central, Riobamba: 1100-2300, 0200-0400 |
| 104) | DP5 | °1175 | 5 | R. Cuenca, Cuenca: 1000-0600 |
| 105) | VR3 | r1175 | 2 | R. Vía, Machala (n.1160) |
| 106) | LR1 | 1180 | 20 | Em. Central, Quito: 1100-0500 |
| 107) | RT1 | 1180 | 1 | R. Familiar, Julio Andrade: 1030-1800, 2200-0400 |
| 108) | SP4 | 1180 | 1 | La Voz del Volante, Portoviejo |
| 109) | DE2 | 1190 | 1 | R. Excelsior/Estudio 11-90, Guayaquil: 1100-0500 |
| 110) | RF6 | 1195 | 0.25 | R. El Sol, Pujili (n.1190) |
| 111) | CS1 | 1200 | 7.5 | Canal 12/Super R., Sangolqui: 1100-0500 |
| 112) | MP4 | 1200 | 1 | R. La Grande, Bahia de Caraquez |
| 113) | RM5 | °1200 | 3 | R. El Mercurio, Cuenca: 1100-0500 |
| 114) | RQ2 | 1205 | 5 | La Voz del Trópico, Quevedo: 1000-0500 |
| 115) | MD4 | 1210 | 0.5 | R. Presidente, Sta. Ana |
| 116) | BJ2 | °1220 | 3 | R. El Mundo, Guayaquil: 1300-1930, 2145-0405 |
| 117) | AP1 | 1220 | 0.35 | R. Marañon, Quito: 1200-0300 |
| 118) | JM6 | 1225 | 3 | R. Sira, Ambato: 1000-0700 |
| 119) | FG4 | °1230 | 1 | R. Tropical, Esmeraldas |
| 120) | RI1 | 1230 | 3 | Centro Radiofónico de Imbabura, Ibarra: 1100-0300 |
| 121) | MV5 | °1235 | 2 | R. Popular Independiente, Cuenca: 1000-0700 (n. 1220) |
| 122) | RL6 | °1235 | 1 | R. Libertador, Saquisili: 1045-0300 |
| 123) | RF3 | 1240 | 0.3 | R. Fenix, Zaruma |
| 124) | AD5 | 1240 | 0.5 | R. Musical, Riobamba: 1200-0400 |
| 125) | PA1 | 1245 | 1 | R. Metropolitana, Quito: 1200-0300 |
| 126) | CJ2 | 1250 | 1 | Canal Juvenil, Guayaquil: 1100-0300 |
| 127) | EM1 | 1255 | 5 | Ondas Carchenses, Tulcán: 1000-0300 |
| 128) | RO6 | 1260 | 0.5 | R. Calidad, Ambato |
| 129) | WN1 | °1260 | 1.5 | La Voz del Triunfo, Sto. Domingo Cds: 1000-0600 |
| 130) | MO1 | 1260 | 10 | La Voz del Santuario del Quince, El Quince: 1100-0500 |
| 131) | RV5 | °1265 | 3 | R. Splendit, Cuenca: 1045-0500 (r905) |
| 132) | LD4 | 1270 | 2 | R. Junin, Junin |
| 134) | CC6 | 1270 | 1 | R. Casa de la Cultura, Latacunga: 1200-2030 |
| 135) | UM2 | 1270 | 10 | R. Universal, Guayaquil: 0900-0500 |
| 8) | AC1 | °1280 | 1 | La Voz de la Democracia, Quito: 1100-0400 |
| 136) | RP3 | 1280 | 2 | R. Continental, Arenillas |
| 137) | NW5 | 1280 | 5 | R. Canal Tropical, Riobamba |
| 128) | VN4 | 1285 | 1 | La Voz del Sur de Manabí, Jipijapa: 1100-0400 |
| 129) | JA5 | 1290 | 0.5 | La Voz del Rio Tarqui, Cuenca: 1000-0500 |
| 140) | NS1 | 1295 | 1 | R. Popular, Atuntaqui: 1130-0230 |
| 141) | RU1 | 1295 | 10 | R. Festival, Sto. Domingo Cds. |
| 142) | VB6 | °1295 | 0.5 | R. Once de Noviembre, Latacunga: 1200-0400 |
| 69) | DC2 | 1300 | 1.5 | R. Cenit, Guayaquil: 1200-0400 |
| 2) | GB1 | 1310 | 10 | R. Nal. Espejo, Quito |
| 143) | CP3 | 1315 | 0.25 | La Voz de El Oro, Pasaje: 1300-1900, 2300-0400 |
| 144) | JD6 | 1320 | 3 | R. Continental, Ambato: 1000-0400 |
| 145) | OB7 | 1320 | 0.5 | R. Limón, Limón Adanza |
| 147) | FR2 | 1325 | 5 | R. Guayaquil, Babahoyo: 1100-0400 |
| 148) | OV1 | 1330 | 3 | Ondas del Volante, El Angel |
| 149) | LW5 | 1330 | 0.45 | La Voz de la Cordillera, Cuenca: 1200-0300 |
| 150) | RV3 | v1335 | 2 | R. Nacional El Oro, Machala (n. 1330): 1000-0500 |
| 2) | GF1 | 1335 | 5 | R. Sideral, Quito: 24h |
| 69) | DR4 | °1340 | 1 | R. Cenit, Bahia de Caráquez: 1000-0500 |
| 152) | DN5 | 1340 | 1 | R. Trece de Noviembre, Cajabamba: 1100-1700, 2300-0400 |
| 153) | PB6 | °1345 | 10 | R. Paz y Bien, Ambato: 0900-0300 |
| 154) | PZ1 | 1350 | 2 | R. Rumichaca, Tulcán: 1045-0415 |
| 155) | VR2 | 1350 | 1 | R. Reloj, Guayaquil: 24h |
| 156) | SF5 | 1350 | 0.5 | La Voz de San Fernando, San Fernando: 1100-0300 |
| 157) | MT1 | 1360 | 1 | R. Oyambaro, Yaracui |
| 158) | JB4 | 1360 | 3 | La Voz del Carmen, El Carmen |
| 159) | RJ5 | 1360 | 1 | R. América, Riobamba: 1100-0400 |
| 160) | EH3 | °1370 | 5 | R. Nal. Progreso, Loja: 0945-0500 |
| 161) | HB3 | 1370 | 1 | R. Impacto, Piñas |

| | Call | kHz | kW | Name, location and h. of tr. |
|---|---|---|---|---|
| 162) | CP7 | 1370 | 0.25 | La Voz del Cenepa, Zamora |
| 163) | JS1 | 1370 | 2 | Ecos Andinos, Pinampino |
| 164) | LC5 | 1370 | 2 | R. Caravana, Azogues |
| 165) | RP7 | °1370 | 2 | R. Pastaza y Voz de Oriente, El Puyo |
| 166) | JR6 | 1375 | 1 | R. Mera, Ambato: 1000-0500 |
| 167) | VM2 | 1375 | 5 | La Voz del Milagro, Milagro |
| 168) | CV1 | 1380 | 3 | R. Cristal, Quito |
| 169) | IE1 | 1390 | 0.75 | R. Uno, Urcuqui |
| 170) | ER5 | 1390 | 5 | R. Tropicana, Cuenca: 1100-0700 |
| 171) | DN5 | 1390 | 1 | R. Atenas, Lican (r.1340) |
| 172) | RI7 | 1390 | 1.5 | R. Tropical, Tena |
| 173) | VE4 | °1395 | 5 | La Voz de Esmeraldas: 1000-0500 |
| 5) | FL2 | 1400 | 1 | R. Continental/Canal Musical, Guayaquil: 1200-1900, 2200-0400 |
| 175) | DS4 | 1400 | 0.3 | R. Tropical, Manta: 1100-0400 |
| 176) | RC7 | 1400 | 5 | R. Curaray, Tena |
| 177) | VL6 | 1400 | 1 | R. Juventud, Salcedo |
| 8) | EC1 | 1410 | 1 | R. El Tiempo, Quito: 1100-0500 |
| 178) | CQ2 | 1410 | 1 | La Voz del Pueblo, Milagro |
| 179) | FR4 | 1410 | 1 | La Voz de Quininde, Quininde |
| 180) | KD5 | 1410 | 1 | R. Centro Gualaceo, Gualaceo |
| 181) | RM5 | 1410 | 1.5 | R. Cordillera, Guano |
| 182) | MS7 | 1410 | 1 | La Voz del Rio Coca, El Coca |
| 183) | SC8 | 1410 | 1 | R. Santa Cruz, Pto. Ayora |
| 184) | MA6 | 1420 | 3 | R. Nuevos Exitos, Salcedo: 1000-0500 |
| 185) | RN1 | °1420 | 3 | R. Baha'i, Otavalo: 0900-2400 |
| 186) | MB2 | 1425 | 0.5 | R. Porteña, Guayaquil |
| 187) | CV3 | 1430 | 0.25 | R. Canal Juvenil, Loja: 1100-0600 |
| 188) | DF1 | 1440 | 0.6 | R. Panorama, Ibarra |
| 189) | OB5 | 1440 | 3 | Ondas del Volante, Azogues: 1100-0400 |
| 190) | DY4 | °1440 | 5 | R. Iris, Esmeraldas: (n. 1465): 1000-0400 |
| 191) | MD7 | 1440 | 5 | R. El Puyo, El Puyo: 1030-1500, 2000-0030 |
| 192) | PB7 | 1440 | 1 | R. Paz y Bien, Zumba |
| 193) | CS5 | 1445 | 10 | R. Calidad, Riobamba: 0800-0400 |
| 194) | HW2 | 1450 | 5 | R. Rey, Quevedo: 24h |
| 195) | DR2 | 1460 | 1 | R. Minutera, Pascuales |
| 196) | CL2 | 1460 | 5 | R. Cariamanga, Cariamanga |
| 197) | IC6 | 1465 | 5 | R. Nuevo Horizontes, Latacunga: 1000-0400 |
| 198) | ED1 | 1470 | 5 | Ecos del Cayambe, Cayambe: 1030-0400 |
| 199) | HB2 | 1470 | 3 | R. Olmedo, Babahoyo |
| 200) | LD2 | 1470 | 1 | R. Ecos de Naranjito, Naranjito: 1100-0300 (r.1465) |
| 201) | BS3 | 1475 | 1 | Ondas del Jubones, Pasaje |
| 202) | JB4 | 1480 | 3 | La Voz de Jipijapa, Jipijapa: 1100-0400 |
| 203) | WP5 | 1480 | 1 | R. Atlantida, Alausi |
| 204) | CY6 | 1480 | 0.5 | R. Popular de La Mana, La Mana |
| 205) | VQ7 | 1480 | 0.5 | La Voz de Quijos, Baeza |
| 206) | VY2 | 1490 | 1 | La "R" Dinámica, Guayaquil |
| 207) | AE4 | 1490 | 0.5 | R. Unión, Esmeraldas |
| 208) | MQ1 | °1490 | 1 | R. Atahualpa, Quito: 1100-0500 |
| 209) | — | 1490 | 1 | R. Antena Mariana, Azoques |
| 210) | VT6 | 1495 | 0.5 | R. Moderna, Pillaro |
| 211) | HW2 | 1495 | 3 | La Voz del Rio Vinces, Vinces: 1200-1700, 2300-0500 |
| 137) | WN5 | 1495 | 3 | R. Puruhá, Riobamba |
| 212) | RO1 | 1500 | 3 | R. Otavalo, Otavalo: 1200-0300 |
| 213) | AD4 | 1500 | 5 | R. Satélite, El Carmen: 1000-0500 |
| 214) | VE3 | 1500 | 3 | R. Uno, Santa Rosa |
| 215) | OY7 | 1500 | 1.5 | Ondas del Río Yacuambi, Yacuambi |
| 216) | VC3 | °1505 | 3 | R. Centinela del Sur, Loja: 1100-0500 (r.1215, n.1210) |
| 190) | DC1 | 1510 | 5 | R. Iris, Quito |
| 217) | — | 1510 | 1 | R. Armada Nal. Guayaquil |
| 218) | RC5 | 1510 | 0.5 | La Voz de la Juventud, Cañar |
| 219) | RY6 | 1510 | 1 | R. Runacunapac Yachana Huasi, Simiatug |
| 220) | VL7 | 1510 | 3 | R. Ecos del Oriente, Lago Agrio: 1100-0300 |
| 221) | JJ2 | 1520 | 3 | R. Punto Verde, Quevedo |
| 222) | RI5 | 1520 | 2.5 | La Voz de Guamote, Guamote |
| 223) | TI1 | 1520 | 1 | R. Ibarra, Ibarra |
| 224) | MP2 | 1530 | 1.5 | La Voz de la Peninsula, La Libertad: 1145-0330 |
| 225) | MZ6 | 1530 | 1 | La Voz del Dorado, Pelileo: 1130-0230 |
| 226) | CC5 | °1530 | 5 | Ondas Cañaris, Azogues: 1100-0400 |
| 227) | JY1 | 1530 | 1 | R. Uno, La Concordia |
| 228) | AN3 | 1530 | 1 | Ondas de Loja, La Toma |
| 229) | HG3 | v1530 | 5 | R. El Sol, Machala: 1100-0500 (n. 1540) |
| 230) | MH6 | 1535 | 0.5 | Org. Radiofónica del Cotopaxi, Latacunga: 1200-1500, 1600-2000, 2200-0430 |
| 231) | PV1 | 1540 | 1 | R. Mira, Mira |
| 232) | FM2 | 1540 | 0.45 | R. Cristal, Ventanas |
| 233) | VB7 | 1540 | 1 | La Voz del Upano, Sucúa |
| 234) | DP1 | 1545 | 10 | R. Caracol, Quito: 1000-0500 |
| 235) | AB5 | 1550 | 1 | La Voz de Chaguarurco, Santa Isabel |
| 236) | AD2 | 1550 | 0.15 | La Voz de El Triunfo, El Triunfo |
| 237) | EI6 | °1550 | 0.5 | R. Cosmopolita, Ambato: 1100-0400 |
| 238) | RA7 | 1550 | 1 | R. Amazonas, El Chaco |
| 239) | TR3 | 1555 | 2 | La Voz del Guabo, El Guabo: 1100-1300, 1700-1900, 2300-0500 |
| 240) | CS2 | 1560 | 2 | R. Sideral, Daule: 1300-0500 |
| 241) | ZD1 | 1560 | 1.5 | Ecos Cult. de Urcuquí, Urcuquí |
| 242) | AI5 | 1560 | 0.5 | R. Cumanda, Colta |
| 243) | VI5 | 1560 | 5 | La Voz de Ingapirca, Cañar: 0930-0400 |
| 244) | PG1 | 1570 | 10 | R. Nucanchi, P.V. Maldonado |
| 245) | EP5 | °1570 | 10 | Esc. Radiofónicas Populares, Riobamba: 1000-0300 |
| 246) | VJ3 | 1570 | 2 | La Voz de la Juventud, Pasaje |
| 247) | — | 1570 | 0.5 | Ondas Ecuatorianas, Sucúa |
| 248) | LF1 | 1580 | 1 | Ecos de Orellana, Machachi |
| 249) | AD3 | 1580 | 0.25 | Ondas de Paltas, Catacocha |
| 250) | HA2 | 1580 | 2 | R. Novedades, Durán |
| 251) | TP5 | 1580 | 5 | Ecos del Portete, Giron: 1145-0330 |
| 252) | VA4 | 1580 | 1.5 | La Estación de la Alegría, Esmeraldas: 1100-0500 |
| 253) | RZ1 | 1590 | 1 | R. Mensaje, Tabacundo: 1000-1400, 2200-0215 |
| 254) | AS2 | 1590 | 0.15 | R. Record, Libertad |
| 255) | CS6 | 1590 | 1 | La Voz de la Mana, La Mana |
| 256) | TI6 | °1595 | 1 | R. Panamericana, Quero: 1100-0300 |
| 257) | UP1 | 1600 | 5 | R. Unión, Quito |
| 258) | JP2 | 1600 | 2 | R. Consular, Platas: 1100-0500 |
| 259) | PB5 | 1600 | 3 | R. Intiñan, Girón |

**Shortwaves:** Call: HC —

| | Call | kHz | kW | Name and h. of tr. |
|---|---|---|---|---|
| 260) | SE7 | 3210 | 10 | R. Federación, Sucúa: 1100-0300 |
| 273) | JB | 3220 | 10 | La Voz de los Andes, Quito: 0900-1300, 2130-0500 |
| 261) | JM1 | 3240 | 0.4 | R. Turismo, Otavalo: 1200-1400, 1700-1900, 2300-0300 |
| 102) | — | r3240 | 1 | R. Cultural Antena Libre, Esmeraldas: 1000-0200 |
| 129) | WN1 | v3253 | 1 | La Voz del Triunfo, Sto. Domingo Cds |
| 262) | OE4 | 3260 | 3 | La Voz del Rio Carrizal, Calceta: 1100-0400 |
| 237) | EI6 | 3270 | 1.5 | R. Cosmopolita, Ambato |
| 263) | VN7 | 3280 | 2.5 | La Voz del Napo, Tena: 1000-1215, 2200-0230 |
| 139) | JA5 | v3286 | 0.36 | La Voz del Rio Tarqui, Cuenca |
| 256) | VA5 | 3290 | 1 | R. Panamericana, Quero: 1100-1500, 2300-0300 |
| 58) | JX6 | 3300 | 1 | La Voz del Santuario, Baños |
| 264) | LM3 | 3310 | 1 | R. La Voz de la Frontera, Macara: 0900-0300 |
| 265) | RP7 | 3315 | 2 | R. Pastaza, El Puyo: 1100-0400 |
| 10) | HA2 | v3325 | 1.5 | Ondas Quevedeñas, Quevedo: 24h |
| 119) | FB4 | 3340 | 2 | R. Tropical, Esmeraldas: 1100-0500 |
| 69) | AS4 | 3350 | 5 | R. Cenit, Bahía de Caráquez: 1230-0500 |
| 260) | SE7 | 3360 | 1 | R. Federación, Sucúa: 1100-0300 |
| 2) | GC1 | *v3375 | 1 | R. Melodia, Quito |
| 190) | YD4 | v3380 | 10 | R. Iris, Esmeraldas: 1000 (Sun 1100)-0300 |
| 61) | OT1 | v3395 | 25 | R. Zaracay, Sto. Domingo Cds: 1000-1400, 1900-0500 |
| 266) | KD5 | 3515 | 0.2 | R. Centro Gualaceo: 0700-0300 |
| 266x) | — | v4271r | — | R. Dif. Gunzanamá, Canton Gonzanamá, Loja |

| | Call | kHz | kW | Name and h. of tr. |
|---|---|---|---|---|
| 1) | AJ2 | r4656 | 5 | C.R.E./R. Dif. del Ecuador, Guayaquil (n. 4765): 2300-0400 |
| 2) | WE1 | 4680 | 5 | R. Nal. Espejo, Quito: 24h |
| 116) | BJ2 | 4750 | 3 | R. El Mundo, Guayaquil: 1200-1930, 2145-0405 |
| 69) | ND4 | 4772 | 0.5 | R. Cenit, Portoviejo: 1200-0500 |
| 208) | MQ1 | 4780 | 1 | R. Atahualpa, Quito: 1045-0435 |
| 142) | VM6 | 4785 | 0.5 | R. Once de Noviembre, Latacunga |
| 15) | VP2 | v4792 | 5 | Sistema de Emis. Atalaya, Guayaquil: 1000-0455 |
| 267) | AC4 | v4795 | 5 | La Voz de los Carás, Bahía de Caráquez: 1300-0400 |
| 121) | MV5 | v4800 | 5 | R. Popular de Cuenca, Cuenca: 1000-0700 |
| 30) | RF4 | 4815 | 1 | R. Canal Manabita, Portoviejo: 1000-0500 |
| 153) | RT6 | 4820 | 1 | R. Paz y Bien, Ambato: 0900-0430 |
| 260) | SE7 | v4834 | 5 | R. Federación, Sucúa: 1100-0300 |
| 27) | AA4 | 4835 | 2 | La Voz del Valle, Portoviejo: 1130-1300 |
| 96) | AV3 | 4850 | 5 | R. Luz y Vida, Loja: 1045-0400 |
| 268) | CV3 | v4857 | 5 | Ondas del Zamora, "Canal Juvenil", Loja: 1130-1900, 2100-0545v |
| 49) | GE5 | 4860 | 1 | R. Mundial, Riobamba: 1100-1330, 2300-0300v |
| 269) | GM7 | 4870 | 5 | R. Rio Amazonas, Macuma: 1000-0400 |
| 173) | EV4 | *4875 | 2 | La Voz de Esmeraldas |
| 216) | VC3 | v4890 | 2 | R. Centinela del Sur, Loja: 1100-1300, 2200-0300 |
| 50) | RU3 | 4895 | 0.25 | Ondas Orenses, Machala: 1300-0330 |
| 122) | VS6 | 4900 | 0.5 | La Voz de Saquisilí/R. Libertador: 1045-2300v |
| 270) | VZ7 | 4905 | 3 | La Voz del Zamora, Zamora |
| 8) | MJ1 | v4910 | 10 | Emis. Gran Colombia, Quito: 1100-0600 |
| 23) | QR1 | 4920 | 5 | R. Quito, Quito: 1000-0500 |
| 56) | BZ1 | v4930 | 1 | R. Casa de la Cultura, Quito: 1100-1500, 2200-0415 (r.3205) |
| 11) | XY1 | 4940 | 10 | R. Nacional del Ecuador, Quito: 0930-0430 |
| 35) | EM4 | 4950 | 1 | R. Costa Azul, Portoviejo: 1100-0500 |
| 260) | SE7 | 4960 | 10 | R. Federación, Sucúa: 1100-0300 |
| 66) | GH1 | v4970 | 3 | R. Tarqui, Quito: 1045-0400 |
| 85) | JC5 | 4980 | 10 | Ondas Azuayas, Cuenca: irr. |
| 40) | GS6 | 4990 | 0.4 | R. Pillaro, Pillaro |
| 185) | RN2 | r4996v | 1 | R. Baha'i, Otavalo (n. 4990): 2200-0400 |
| 245) | ER5 | v5015 | 10 | Escuelas R. Populares, Riobamba: 1000-1300, 2100-0300 |
| 271) | LJ6 | v5020 | 0.5 | La Voz de Bolívar, Guaranda (r4692, 4710, 4773) |
| 131) | EV5 | v5025 | 5 | R. Splendit, Cuenca: 1045-0500v |
| 38) | GB7 | 5040 | 0.5 | R. Nal. Espejo, El Puyo: 1100-0600 |
| 233) | — | r5040 | — | La Voz del Upano, Sucúa |
| 226) | CL5 | 5045 | 5 | Ondas Cañaris, Azogues: 1100-0330v |
| 14) | FF1 | 5050 | 5 | R. Jesús del Gran Poder, Quito: 1000-1600, 2100-0100v |
| 42) | RP1 | 5055 | 9 | R. Católica Nacional, Quito: 1130-0300 |
| 160) | EH3 | v5065 | 5 | R. Nal. Progreso, Loja: 1000-0430 |
| 104) | DP5 | 5950 | 2 | R. Cuenca, Cuenca: 1000-0600 |
| 113) | — | 6070 | 3 | R. El Mercurio, Cuenca: 1100-1500, 2100-0300 |
| 12) | FD4 | 6140 | 5 | R. Vision, Manta |
| 282) | | r6524v | | R. La Voz de la Juventud, Catacocha: 0000-0220 |
| 11) | — | 15350 | 100 | R. Nal. del Ecuador, Quito (via HCJB) |

**Abbreviations** (Provincias): Azu = Azuay; Bol = Bolivar; Cañ = Cañar; Car = Carchi; Chi = Chimborazo; Cot = Cotopaxi; Esm = Esmeraldas; Gua = Guayas; Imb = Imbabura; Loj = Loja; Man = Manabí; MS = Morona Santiago; Nap = Napo; Oro = El Oro; Pas = Pastaza; Pich = Pichincha; R = Los Rios; Tun = Tunguahua; Zam = Zamora.

**N.B:** These abbreviations should not be used for postal purposes. It is advisable to write the full name.

1) Ap. 4144, Guayaquil, Gua — Dir: Rafael Guerrero V.
2) Cas. 352, Quito, Pich — Dir: Fernando Brborich Y. (R. Sideral: Alemania 1130, Quito — Dir: J. Aguilar).
3) Chimborazo 3407, Guayaquil, Gua.
4) Cas: A-57, Quito, Pich — Dir: Marilou L. Parra de Gleason.
5) Cas. 4539, Guayaquil, Gua — Dir: R.A. Calderón.
6) Cas. 3893, Quito, Pich.
7) V.M. Rendón 1066 y Garaicoa, Edif. Huancavelica, Guayaquil, Gua.
8) Cas. 2246, Quito, Pich — Dir. Gen: Eduardo Cevallos C.
9) Palacio de la Gobernación, Loja.
10) 7 de Octubre 640, Quevedo, R — DG: Humberto Alvarado P.
11) Cas. 82, Quito, Pich — Dir: Carlos Espinosa de los Monteros
12) Cas. 4817, Manta, Man — Dir: Fernando Davalos R.
13) P. Carbo 304, Guayaquil, Gua — Dir: L. Guzmán.
14) Cas. 133, Convento de S. Francisco, Quito — Dir: R.P. Jorge Enríquez Silva.
15) Cas. 204, Guayaquil, Gua — Dir: Amada de Paladines.
16) Ap. 39, Portoviejo, Man — Dir: Ignacio Hidalgo.
17) Ap. 4891, Guayaquil.
18) Cas. 89, Portoviejo, Man — Dir: Guido Bonilla B.
19) Garcia Moreno 887, Quito, Pich — Gte: Luis Erazo.
20) Cas. 5169, Guayaquil, Gua — Dir: José D. Feraud A.
21) Cas. 6, Chone, Man — DG: Stalin Espinel A.
22) Vélez 1220, Guayaquil, Gua — Dir: Carlos Toledo P.
23) Ap. 57, Quito, Pich — Gte: Alfonso Laso B.
24) Ap. 78, Guayaquil, Gua — Dir: Miguel Ulloa F.
25) Av. América 827, Manta, Man — DG: Humberto Arroyo.
26) Cas. 2938, Quito, Pich — Gte: Arcesio Arcentales R.
27) Cas. 33, Portoviejo, Man — Dir: M. Garcia B.
28) Ap. 5555, Guayaquil, Gua — Dir: G. Gorelik.
29) Juan Montalvo 1042, El Milagro, Gua — Dir: V. Paladines.
30) Cas. 69, Portoviejo, Man — Dir: Ramón Fernández G.
31) Cas. 038, Santo Domingo de los Colorados — Dir: Fernando Beltran Proaño.
32) Cas. 856, Guayaquil, Gua — Dir: J. Feraud A.
33) Cas. 242, Riobamba, Chi — DG: César Altamirano.
34) Benal Cazar 865, Quito, Pich — Dir: C. Estrella V.
35) Colón 180 y Roca Fuerte, Portoviejo, Man — Dir: Sergio E. Morlas A.
36) Cas. 181, Ambato, Tun — Dir: Mario Barona A.
37) Veléz 100-A, Guayaquil, Gua — Dir: Padre Rafael Loza E.
38) Cas. 744, El Puyo — DG: Julio Hernández.
39) Ap. 2147, Quito, Pich — Dir: J. Pazmiño.
40) Bolivar 537, Pillaro, Tun — Dir: Angel Salazar.
41) Cas. 5662, Guayaquil, Gua — Dir: Armando Romero.
42) Cas. 540-A, Quinto, Pich — DG: Mons. José Vicente Eguiguren.
43) Pichincha 1363, Riobamba, Chi — Dir: Luis A. Tasambay.
44) Machala, Oro — DG: Carlos Falquez B.
45) Guayaquil, 1357, Quito, Pich — DG: Fermin Barba.
46) Cas. 8, Chone, Man — Dir: Argemiro Andrade.
47) Cordero 966, Cuenca, Azu — DG: Antonio Chamoun.
48) Baquerizo Moreno 803, Guayaquil, Gua — Dir: D. Carrera D.
49) Cas. 1244, Riobamba, Chi — Dir: Galo Encalada R.
50) Bolivar 601, Machala, Oro — Dir: José Ugarte.
51) Av. America y Diguja 327, Quito, Pich — Dir: Antonio Granda.
52) 9 de Octubre 1200, Guayaquil, Gua — Dir: Xavier Ferraud A.
53) Cas. 4869, Manta, Man — Dir: E. Bowen.
54) Cas. 179, Ibarra, Imb — Gte: Ricardo R. Ruiz.
55) Cas. 87A, Riobamba, Chi — DG: Jorge Vinan.
56) Ap. 67, Quito, Pich — Dir: Nelson Villagómez E.
57) Ifesa, Industria Fonografica Ecuatoriana S.A, Cas. 3885, Guayaquil, Gua — Mgr: Heriberto Ortega G.
58) Ambato 151, Baños, Tun — DG: P. César L.
59) 6 de Diciembre, Quito, Pich — Dir: Nuna P. Castro.
60) Rio Bravo 1256, Cuenca, Azu — DG: Vicente Serrano.
61) Cas. 31, Sto. Domingo de los Colorados — Dir: Holger Velastegui D.
62) Cas. 777, Ibarra, Imb — Dir: Augusto Báez R.
63) Cas. 11-66, Guayaquil, Gua — Gte: David Huerta Castello.
64) Cas. 20, Riobamba, Chi — Dir: Marcelo Viscaíno M.
65) Cas. 820, Cuenca, Azu — Dir: Fabián Molineros.
66) Cas. 2558, Quito, Pich — Dir: Gustavo Herdoíza L.
67) Baquerizo Moreno 803, Guayaquil, Gua — Dir: Guillermo Rendon.
68) Cas. 136, Santa Rosa, Oro — Gte: G. Ordoñez A.
69) Empresa Radial Cenit, Ap. 4065, Guayaquil, Gua — Dir. Gen: Washington Delgado C. (1010 = P. Solano 701, Manta; 1340 = Bolivar 902, Bahia; 1155 = Olmeda 315, Portoviejo; 1300 = Urdaneta 202, Guayaquil).
70) Cas. 541, Ambato, Tun — Mgr: A. Erazo.

71) Cas. 15, Guaranda, Bol — Dir: Candido Rada S.
72) Cas. 198, Cuenca, Azu — Dir: Juan Rodas & Eva Moscoso.
73) Cas. 2587, Quito, Pich — Dir: Cesar Estrella.
74) Cas. 05, Chone, Man — Pres: Alberto E. Espinel A.
75) Garcia Moreno 486, Machachi, Pich — Gte: S.B. Cueva S.
76) Cortez 106, Ambato, Tun — Gte: Ramon Salazar.
77) 24 de Mayo, Saquisilí, Cot — Dir: Galo Morocho T.
78) Av. 3 de Julio, Sto. Domingo Cds, Pich — Gte: Marco Zavala V.
79) Cas. 493, Cuenca, Azu — DG: Jorge Pedra Ledesma.
80) Salvador 209, Quito, Pich — Dir: Cesar Pesantes.
81) Cas. 5177, Guayaquil, Gua — Dir: O. Arroba C.
82) Ap. 392, Latacunga, Cot — DG: Mario Ruiz.
83) España 105, Manta, Man — Dir: Yolanda León.
84) Cas. 856, Guayaquil, Gua — DG: Jacinto Aspiazu.
85) Cas. 49-80, Cuenca, Azu — Dir: Eduardo Cardoso M.
86) Sánchez de Orellana s/n, Latacunga, Cot — DG: Luis Gamboa T.
87) 22 de Julio, Peliléo, Tun — Dir: Segundo Rodriguez.
88) Cas. 3409, Quito, Pich — Dir: José M. Rodriguez.
89) Colón 11, San Gabriel, Car — Dir: Fernando Pozo Guerrero.
90) Cas. 638, Quito, Pich — DG: Raúl Izurieta.
91) Cas. 574, Ambato, Tun — Dir: Luis Gamboa T.
92) Cas. 777, Ibarra, Imb — Dir: Augusto Báez R.
93) Cas. 1583, Cuenca, Azu — Dir: Oswaldo Flores T.
94) Cas. 1054, Guayaquil, Gua — Dir: Ab. C. Villacís G.
95) Luque 910, Guayaquil, Gua — DG: L. Albán B.
96) Cas. 222, Loja, Loj — DG: Padre Luis Florencio León.
97) España 2050, Riobamba, Chi — Dir: Luis Aliaga.
98) Amazonas 547, Quito, Pich — Dir: Galo Hernández.
99) Unión Evang. Misionera, Belisario Quevedo, Ap. 208, Latacunga, Cot — DG: Luis Manay.
100) L. de Garaicoa 739 y V.M. Rendon, Guayaquil, Gua — Dir: Y. Ferand.
101) Sucre 153, Zaruma, Oro — DG: José Valdiviezo.
102) Cas. 65, Esmeraldas, Esm — DG: Luis E. Velasco León.
103) 10 de Agosto 1742 y Morona, Riobamba, Chi — Dir: Segundo León.
104) Cas. 1598, Cuenca, Azu — Dir: Daniel A. Pinos G.
105) 9 de Octubre y Paez, Machala, Oro.
106) Santa Prisca, Pje. Ibarra, Quito, Pich — Dir: E. Machado.
107) Conv. Parroquial, Julio Andrade, Car.
108) Morales 104 y Colón, Portoviejo, Man.
109) Cas. 6988, Guayaquil, Gua — Dir: Francisco Guzmán.
110) Pujili, Cot — Dir: Jorge Barreno.
111) Cas. 47, Sangolqui, Pich — DG: Abdon Calderon G.
112) Bolivar 1219, Bahia de Caraquez, Manta — DG: Trojano Velastegui.
113) Cas. 60, Cuenca, Azu — Dir: Germán Morales Campoverde.
114) Cas. 104, Quevedo, R — DG: Rosendo V. Escobar C.
115) Angel R. Alamo 621, Santa Ana, Man — Dir: Miguel Garcia.
116) Cas. 3311, Guayaquil, Gua — Dir: Gabriel Vergara J.
117) Bolivar 240, Quito, Pich — Dir: Ligia M. Wilches.
118) Cas. 818, Ambato, Tun — DG: Jorge Mancero R.
119) Cas. 135, Esmeraldas, Esm — Dir: Fernando Gutierrez.
120) Cas. 181, Ibarra, Imb — DG: Silvio Morán Madera.
121) Av. Loja 963, Cuenca, Azu — DG: Manena Escandon.
122) Cas. 669, Saquisilí, Cot — Dir: Arturo Mena H.
123) San Francisco 1003, Zaruma, Oro — DG: Lautaro Barrezueta.
124) Cas. 4747, Riobamba, Imb — Dir: Luis Aliaga.
125) Manabí 556, Quito, Pich — Dir: L. Moreno C.
126) Gran Pasaje P. 11, Guayaquil, Gua — Dir: E. Carrera.
127) Ap. 30, Tulcán, Car — Dir. Gen: Fausto Almeida C.
128) 12 de Noviembre 1543, Ambato, Tun — Dir: John Howitt A.
129) Cas. 43, Sto. Domingo de los Colorados, Pich — Dir: Manuel Yañez O.
130) Cas. 3386, Quito, Pich — DG: Padre Jésus R. Correa.
131) Cas. 1352, Cuenca, Azu — DG: Rubén Valencia Z.
132) 10 de Agosto 180, Junin, Man — DG: Ricardo Villavicencio.
134) Cas. 267, Latacunga, Cot — Gte: Socrates E. Hernández.
135) Cas. 5177, Guayaquil, Gua — Dir: Gabriel Arroba E.
136) Arenillas, Oro — DG: Franco Ordoñez.
137) Cas. 14, Riobamba, Chi — Dir: Walter Aldáz N.
138) Colón y Mejia, Jipijapa, Portoviejo — Dir: Ignacio Hidalgo.
139) Montalvo Manuel 202, Cuenca, Azu — Dir: M. Pulla C.
140) Atuntaqui, Imb — Dir: A. Calderón.
141) Santo Domingo Cds, Pich — Dir: Rommel Velastegui.
142) Cas. 286, Latacunga, Cot — Dir: V.H. Muñoz.
143) Ochoa León 505, Pasaje, Oro — Dir: Julio Prado A.
144) Cas. 368, Ambato, Tun — Dir: Juan Velastequi F.
145) Calle 5a, Limón Adanza, Pas —DG: Antonio Ochoa.
147) Cas. 77, Babahoyo, R. — Dir: Fernando E. Ronquillo F.
148) El Angel, Car.
149) Cas. 877, Cuenca, Azu — Dir: Manuel Pulla.
150) Juan Montalvo 834, Machala, Oro — Dir: Rodolfo Vintimilla A.
152) Av. Central, Cajabamba, Chi — Dir: G. Vásconez.
153) Cas. 94, Ambato, Tun — Dir: Enrique Pesántez G.
154) Cas. 42, Tulcan, Car — Dir: Efrain Cabezas M.
155) Cas. 204, Guayaquil, Gua — Dir: Voltaire Paladines.
156) San Fernando, Azu — DG: Humberto Romero V.
157) Parque Central, Yaracui, Pich — DG: Luis Barros.
158) El Carmen, Man — DG: Ernesto García.
159) Cas. 82, Riobamba, Imb — Gte: Eloy Lomas C.
160) Cas. Letra V, Loja — Dir: Efraín Herrera G.
161) Sucre 1105, Piñas, Oro — Dir: Goberth Olmedo Torres.
162) Diego de Vaca, Zamora — Dir: E. Herrera.
163) Calle Olmedo 181, Pimampiro, Imb — Dir: José Valle.
164) Azogues, Can — DG: Luis Cornejo.
165) Cas. 728, El Puyo, Pas — DG: Luis G. Chango Olmedo.
166) Cas. 618, Ambato, Tun — DG: Isabel Andaluz O.
167) Av. 17 de Septiembre, Milagro, Gua — Dir: Carlos Vega.
168) Av. Brasil 424, Quito, Pich — DG: Maria Rodas.
169) Guillermo Matovelle s/n, Urcuquí, Imb — Dir: G. Ruíz.
170) Borrero 772, Cuenca, Azu — Dir: Guido Pino.
171) Av. Contr. Norte, Lican, Chi — DG: Galo Silva A.
172) Tena, Napo — DG: José Plinio Aragundi.
173) Cas. 108, Esmeraldas, Esm — Dir: Hector A. Endera E.
175) Cas. 36, Manta, Man — Dir. Gen: Otto Ruperty.
176) Correo Central, Teña, Napo — DG: Vicente Hernandez García.
177) Salcedo, Cot — DG: Hermann von Lippke.
178) Milagro, Gua — DG: Stelvio H. Centenario Q.
179) Plata Torres, Quininde, Esm — DG: Fulton Villagomez.
180) 9 de Octubre, Gualaceo, Azu.
181) García Moreno, Guano, Chi — Dir: Manuel Vera.
182) El Coca, Napo — DG: Gonzalo Mansilla.
183) Puerto Ayora, Isla San Cristobal — Dir: Julio P. Herrera.
184) Cas. 294, Salcedo, Cot — Dir: Marcelo Abril.
185) Ap. 14, Otavalo, Imb — DG: Marcelo Quinteros M.
186) Cas. 5169, Guayaquil, Gua — Dir: Marco Vinicio Escalante.
187) Valdiviezo 859, Loja, Loj — DG: Jorge Sanchez.
188) Flores s/n, Ibarra, Imb — DG: Cristóbal Bonifaz.
189) Cas. 720, Azogues, Can — Dir: Carlos Olmedo P.
190) Cas. 8, Esmeraldas, Esm (Cas. 1088, Quito) — Dir: Daniel Alvarez T.
191) Cas. 777, El Puyo, Pas — DG: José L. Fernandez M.
192) Zumba — Dir: Julio Poza.
193) Cas. 376, Riobamba, Chi — Owner: Herber G. Quimzo P.
194) Cas. 84, Quevedo, R — Dir: Benito Wong Yuquis.
195) Pascuales, Gua — DG: Francisco Davila de la Rosa.
196) 18 de Noviembre, Cariamanga, Loja — DG: Jorge Montero.
197) Cas. 252, Latacunga, Cot — Dir: Isaias Carrera N.
198) Terán 527, Cayambe, Pich — Dir: Juan M. Córdoba S.
199) Babahoyo, R — Dir: H. Alvarado P.
200) Av. 5 de Octubre 150, Naranjito, Gua — DG: Leoncio Delgado H.
201) Rocafuerte 619, Pasaje, Oro — Dir: B. Salazar B.
202) Calle Noboa y Colón, Jipijapa, Man — Dir: U. Delgado B.
203) 9 de Octubre s/n, Alausí, Chi — DG: Wilson Pérez.
204) La Mana, Cot — DG: Luis Manay.
205) Baeza, Nap — Dir: Sampedro Gonzalo.
206) Rumichacha 1972, Guayaquil, Gua — DG: Inocente Yance.
207) Olmedo 807, Esmeraldas — Dir: Raul Delgado.
208) Ap. 3213, Quito, Pich — Dir: Yolanda Maldonado C.
209) Azogues, Can — DG: Manuel Valarezo L.
210) Bolivar, Pillaro, Tun — DG: Alda Ibarra.
211) Olmedo, Vinces, R — DG: Selvi Elizalde.
212) Cas. 1474, Otavalo, Imb — Dir: Marco A. Chicaiza T.
213) El Carmen, Man — Dir: Enrico Garcia.
214) Sucre y Libertad, Santa Rosa, Oro — Dir: Boanerges Ugarte.
215) Municipio de Yacuambi, Pas.
216) Cas. 196, Loja, Loj — Mgr: José S. Coronel I.
217) Armada Nacional, Guayaquil, Gua.
218) Colón, Cañar, Can — DG: Manuel Cordova.
219) Simiatug, Bol — DG: Manuel Sigcha.
220) Mariscal Sucre 148 y 12 de Febrero, Lago Agrio, Napo — DG: Julio Velástegui F.
221) 7 de Octubre 9a, Quevedo, R — Dir: Julio Jalón.

222) Soc. Unión Obrera, Guamote, Chi — DG: Miguel Alcocer.
223) S. Cifuentes, Ibarra, Imb — DG: José Santos Guzman.
224) 4a Av. y Calle Guayaquil, La Libertad, Gua — Dir: Milton Pinoargote. P.
225) Cas. 146, Pelileo, Tun — Dir: Luis Jordán M.
226) Cas. 731, Azogues, Cañ — Dir: Humberto Vicuna D.
227) La Concordia, Pich — DG: Jésus Yanez Beltrán.
228) Catamajo, La Toma, Loja — DG: Carlos Riofrio.
229) Cas. 474, Machala, Oro — Dir. Gen: Silvio B. Pinos G.
230) F. Valencia 1052, Latacunga, Cot — Dir: Filadelfia de Morán.
231) Mira, Car — DG: Leopoldo V. Padilla.
232) Malecon y Semin, Ventanas, R — DG: Armando Romero.
233) Sucúa, MS — Dir: A. Moreno.
234) Venezuela 701 y Espejo, Quito, Pich — Dir: Jose A. Buenaño.
235) Calle 3 de Noviembre, Santa Isabel, Azu — Dir: Rodrigo Palacios P.
236) El Triunfo, Gua — Dir: Lautaro Pinos G.
237) Cas. 506, Ambato, Tun — Mgr: E. Ruiz M.
238) El Chaco, Napo — DG: Aurelio Rosero.
239) El Guabo, Oro — Dir: Rosa Romero.
240) Daule, Gua — Dir: F. Davila R.
241) Antonio Ante, Urcuquí, Imb — Dir: Fausto Dueñas C.
242) Cajabamba, Colta, Chi — DG: Edison Logroño.
243) Calle Colón 3-25, Cañar, Cañ — DG: Martín Samaniego.
244) P.V. Maldonado, Pich.
245) Ap. 4755, Riobamba, Chi — Gte: Srta Lux Luzuriaga N.
246) Juan Montalvo 214, Pasaje, Oro — Dir: Manuel Córdova Espinoza.
247) Quiruba, Sucúa, MS — DG: Luis Cajamarca.
248) L. Cordero 226, Machachi, Pich — DG: Julio Quinga.
249) Catachocha, Loj — Dir: Artemio Rios G.
250) Eloy Alfaro, Durán — DG: Humberto Alvarado.
251) Calle Antonio Flor 6-57, Girón, Azu — Dir: Thelmo Pinos G.
252) Bolivar 513, Esmeraldas, Esm — DG: Jaime Recalde.
253) Calle Bolívar, Tabacundo — Dir: Isais Barriga N.
254) Av 12. Octubre 1032, La Libertad, Gua — DG: Alfonso Suarez.
255) La Mana, Cot — DG: Gonzalo San Pedro.
256) Carrera Montalvo 106, Quero, Tun — Dir: Faury A. Llerena P.
257) Unión Nal. de Periodistas, Cas. 5184, Quito, Pich — DG: Marcelo Cevallos.
258) Manabi 205, Enpalme, Gua — Dir: Jorge Pazos S.
259) Girón, Azu — DG: Vicente Bermeo C.
260) Domingo Comin 17-38, Sucúa, MS — Dir: D. Antun.
261) Modesto Jaramillo y Av. Abdón Calderón, Otavalo,Imb — Dir: J.A. Viver.
262) Calle 10 de Agosto 308, Calceta, Man — Dir: R. Navarrete.
263) Misión Josefina, Tena, Nap — Dir: P.A. Capri.
264) Cra. Panamericana, Macará, Loja — Dir: Amable J. Torres Heredia.
266) Centro Gualaceo, Gualaceo, Azu.
267) Cas. 608, Bahia de Caráquez, Man — Dir: A.E. Neváres.
268) Cas. 174, Loja, Loj — Gte: José J. Eguiguren.
269) Cas. 818, El Puyo, Pastaza — Dir: Marco Gonzalo Diaz D. Dir. Tec: James B. Hedlund.
270) Zamora, Zam — Dir: Mons. J. Mosquera.
271) Cas. 56, Guaranda, Bol — Dir: J. Alarcón R.
272) Catacocha, Loja (Canton Guantanama).

**V:** The following SW-st's verified in 1983/84: 1), 2), 8), 10), 11), 15), 23), 61), 86), 96), 103), 121), 122), 129), 131), 139), 153), 185), 190), 216), 245), 256), 260), 262), 263), 267), 269), 282).

## 273) LA VOZ DE LOS ANDES (HCJB)

**ADDR:** Casilla 691, Quito. **Te:** (02) 241-550. **Cable:** Vozandes (USA Office: Voice of the Andes, Box 553000, Opa Locka (Miami), Florida 33055-0401. **Te:** (305) 624-4252.

**L.P:** Pres: Ron Cline. Dir. of Communications: Roger Stubbe. Field Dir: Richard Broach. Head of Spanish Sce: José Reinoso. Head of English Sce: Glen Volkhardt. Head of French Sce: Daniel Dossmann. Head of German Sce: Peter Hübert. Head of Portuguese Sce: Victor Arndt. Head of Russian Sce: Andrés Ralek. Head of Nordic Sce: Mats Gunnarsson. Head of Japanese Sce: Kazuo Ozaki. Head of Czech Sce: Georgina Kladenski. Dir. of Eng: John Stanley.

| kHz | kHz | kHz | kHz | kHz | kHz | kHz |
|---|---|---|---|---|---|---|
| 3220 | 6095 | 9715 | 11740 | 11925 | 15160 | 17745 |
| 5980 | 6130 | 9720 | 11835 | 11960 | 15250 | 17790 |
| 6050 | 6140 | 9745 | 11900 | 15115 | 15295 | 17890 |
| 6070 | 9655 | 9765 | 11910 | 15155 | 15390 | 21480 |
| 6090 | | | | | | |

**LOCAL SCE. on 690kHz: Spanish:** 1030-0500. **Quecha:** 0900-1030.

### INTERNATIONAL SERVICE

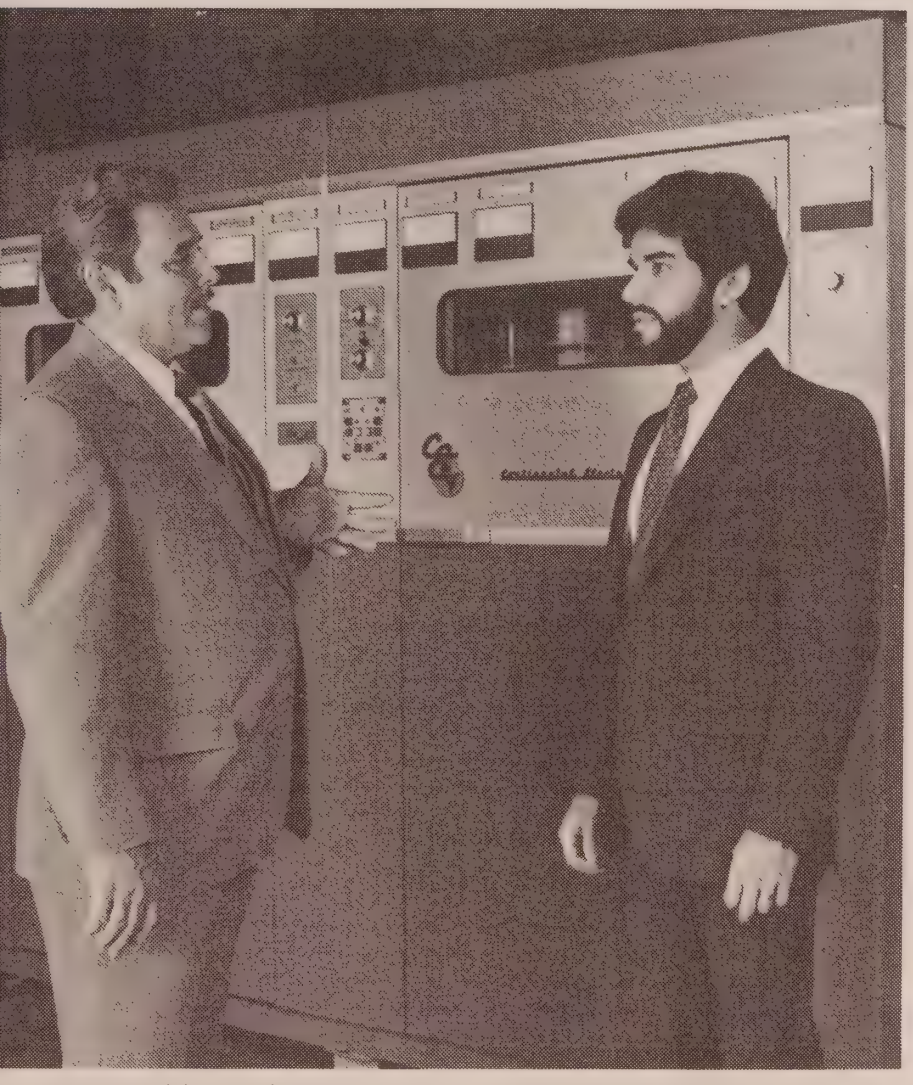
4×50kW, 3×100kW, 1×500kW SW trs (G.C: 78.20W/00.14S). I=Europe; II=No. Ce. America; III=So. America; IV=So. Pacific; V=Japan; VI=Middle East; VII=Eastern Siberia; R=Regional (to 1500kM). a) Mon-Fri; b) Sat/Sun.

| Czech | Area | kHz | | | |
|---|---|---|---|---|---|
| 0530-0600 | I | 5980b | 0500-0530b | I | 5980 |
| | | 9655 | 0630-0700b | I | 5980 |
| | | 11835 | 2000-2030 | I | 15295 |
| 1800-1830 | I | 17790 | | | 17790 |
| | | 21480 | | | 21480 |
| **English** | | | 2100-2130 | I | 17790 |
| 0030-0700 | II | 9745 | **Portuguese** | | |
| 0030-0130 | II | 15155 | 0830-0900 | III | 6070 |
| | II/III | 15250 | | | 9720 |
| 0200-0500 | II | 6140 | 1000-1030 | III | 6070 |
| 0500-0700 | II | 11910 | | | 9720 |
| | | 6095 | 2300-0130 | III | 17745 |
| 0700-1000 | IV | 9745 | | | 15295 |
| 0700-1100 | IV | 6130 | 2330-2400 | III | 15250 |
| | | 11925 | **Russian** | | |
| 0645-0830a } | I | 5980 | 0200-0500 | I | 9655 |
| 0700-0830b } | | 9655 | | | 11835 |
| 1215-1530 | III | 15115 | 0230-0430a } | I | 5980 |
| 1215-1430 | II | 11740 | 0230-0500b } | | |
| 1215-1530 | II | 17890 | 1100-1130 | IV | 6130 |
| 1900-2000 | I | 17790 | | | 11925 |
| | | 21480 | 2230-2300 | III | 15250 |
| 2130-2200 | I | 15295 | **Quechua** | | |
| | | 17790 | 0900-1030 | R | 3220 |
| | | 21480 | | | 6090 |
| **French** | | | | | 6050 |
| 0130-0200 | II | 6140 | 1030-1300 | R | 3220 |
| | | 15295 | | | 6090 |
| 0630-0700 | I | 9655 | 1300-1430 | R | 6090 |
| | | 11835 | 0900-0930 | III | 6070 |
| 2030-2100 | I | 15295 | | | 9720 |
| | | 17790 | 1030-1130 | III | 6070 |
| | | 21480 | | | 9720 |
| **German** | | | 2100-2130 | R | 6090 |
| 0430-0500a | I | 9655 | 2130-0200 | R | 3220 |
| 0600-0630 | I | 5980 | | | 6090 |
| | | 9655 | 2200-0030 | III | 9745 |
| | | 11835 | | | 11900 |
| 0630-0645a | | 5980 | **Spanish** | | |
| | | 9655 | 1030-0200 | R | 6050 |
| 0930-1000 | III | 6070 | 1030-1530 | III | 9765 |
| | | 9720 | 1030-1200 | III | 11910 |
| 1830-1900 | I | 17790 | 1030-1430a } | II/III | 15390 |
| | | 21480 | 1030-1500b } | | |
| 2100-2130 | I | 15295 | 1200-1530 | II | 11910 |
| | | 21480 | 1530-2145 | II | 15160 |
| 2300-2330 | III | 15250 | | III | 17890 |
| 0000-0030 | III | 15250 | 2200-2230 | I | 17790 |
| **Japanese** | | | | | 21480 |
| 1130-1200 | V | 6075 | 2245-0500 | II/III | 11960 |
| | | 9715 | 0130-0230 | II/III | 15250 |
| 2200-2300 | III | 15295 | 0200-0500 | II | 6050 |
| | | 17745 | 0200-0500 | R | 3220 |
| **Nordic** | | | | | 6090 |
| 0500-0600a | I | 5980 | 0500-0530 | I | 9655 |
| | | | | | 11835 |

**DX-Prgrs: English:** To Europe: Mon, Thurs & Sat 2130; To So. Pacific: Mon, Thurs & Sat 0900; To No. America: Tues, Fri & Sun 0230, 0630. **German:** Sat 0600, 1830, 2100; **Swedish;** Fri 0500, 2000; **Japanese:** Tues/Fri 1130, **French:** Mon/Fri 0630, 2030, 0130.

**Other prgrs:** "Passport" (Mon/Fri): 0800-0900 (V), 1900-2000 (I), 0100-0200 (II), 0530-0630 (II). "Morning in the Mountains": D 1230-1600.

# Radio transmitters? Continental builds the very best!



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Continental Electronics

Continental Electronics Mfg. Co. Box 270879 Dallas, Texas 75227 (214) 381-7161

Most International Station Breaks are in English. The Station is most easily identified by its "V" time signal ". . ." which is transmitted each half hour on all transmissions, with or without a station break, on all languages.
**ANN:** E: "This is the Voice of the Andes, HCJB, Quito, Ecuador in South America, The time at the tone will be . . . , Eastern Standard Time, the same as . . . Coordinated Universal Time. A programme follows in . . ." — **V.** Listener reports are welcomed. QSL-cards sent upon receipt of complete reception reports. Write for International Programme Schedule or request a specific Language Division Schedule. Other explanatory literature available by writing to HCJB, Casilla 691, Quito, Ecuador. Reception tapes are appreciated but cannot be returned to the sender.
**The Voice of the Andes** is operated by the World Radio Missionary Fellowship, Inc, with the purpose of Heralding Christ Jesus' Blessings. HCJB is supported by free will offerings, gifts and donations from individuals and foundations.

## FALKLAND ISLANDS

**L.T:** UTC − 4h (Oct-March: UTC − 3h) — **Pr.L:** English.

### FALKLAND ISLANDS BROADCASTING STATION (Gov.)

**ADDR:** Broadcasting Studio, Stanley. **Cable:** Broadcasts.
**Te:** 90.
**L.P:** Broadc. Officer: Patrick J. Watts, M.B.E. Broadc. Secr: Wendy Ross.
**STATIONS** (G.C: 57.51W/51.42S): 2380/3958kHz 3.5kW.
**FM:** 96.5MHz 1kW.
**D.PRGR:** 0900-0530 on 96.5MHz; 0900-1115 & 1930-0530 on 2380kHz; 1115-1930 on 3958kHz. Schedule includes locally-produced and BFBS prgrs and relays of BBC World Sce.
**ANN:** "You are tuned to the Falkland Islands Broadc. Station".
**V.** by QSL-card or letter. Rp.

## GUIANA (French)

**L.T:** UTC-3h — **Pr.L:** French — **EC:** a/c 50, 127/220V (no).

### R.F.O. GUYANE (RADIODIFFUSION FRANÇAISE D'OUTRE-MER)

**ADDR:** 97307 Cayenne Cédéx. **Te:** 311500. **Telex:** 030526.
**L.P:** Dir: Gérard Dautriat. Chief of N: Michel Huth. Dir. Tec: Elie Roumiguieres.
**STATIONS:** Matoury (G.C: 52.20W/04.54N): 1070kHz 20kW — 3385kHz 4kW — 4972kHz 1kW — 5055kHz 10kW — 6170kHz 4kW; St. Laurent du Maroni 1060kHz 0.05kW.
**FM:** Cayenne 91.5/94.0MHz 0.05kW, Korou 96.3/Sinnamary 99.2/Iracoubou 97.0/Mana 99.5/Saint-Laurent 92.5MHz (all 0.05kW).
**D.PRGR. in French:** 0900 (Sun 1000)-0100 (Sat 0300, Sun 0200) on MW/4972kHz + FM; 0900-1200, 2100-s/off on 3385kHz; 0900-1100, 2000-s/off on 5055kHz; 1115-2030 on 6170kHz.
**N:** 1030, 1630, 2230.
**ANN:** "Ici Cayenne, R.F.O. Guyane" — **INT-SIG:** "Nos richesses" on guitar.

**V.** by QSL-folder. Rec. acc — **ALF:** 160 Frcs.

### RADIO FRANCE INTERNATIONALE RELAY STATION

**STATION:** Montsinery (G.C: 53.00W/05.00N): 3 × 500kW SW-tr's.
**D.PRGR:** Relays of RFI prgrs to the Americas at 1000-1400 and 2200-0400. For full details please refer to the RFI schedule under "France".

**Information concerning stations in Paraguay has been assembled and compiled by our collaborator Tony Jones following contacts and visits with many of the broadcasters.**

## GUYANA (Republic)

**L.T:** UTC-3h — **Pr.L:** English — **E.C:** a/c 50/60, 120/240 (yes).

### GUYANA BROADCASTING CORPORATION (Gov.)

**ADDR:** P.O. Box 10760, Georgetown. **Te:** (02) 69231/4.
**Cable:** GUYCAST GEORGETOWN.
**L.P:** Gen. Mgr: T.O. Holder. Chief Eng: R. Case. Prgr. Mgr: J.D. Sydney.

| MEDIUMWAVES | kHz | kW | Ch | | kHz | kW | Ch |
|---|---|---|---|---|---|---|---|
| Georgetown | 560 | 10 | 2 | Georgetown | 760 | 10 | 1 |
| Linden | 700 | 10 | 2 | Tumatumari | 1010 | 50 | 2 |

**SHORTWAVES** (G.C: 58.05W/06.49N): 5950kHz 10kW (Ch. 2).
**FM:** Georgetown 100MHz 0.2kW (Ch. 1), 102MHz 0.05kW (Ch. 2); Linden 104MHz 0.05kW (Ch. 2).
**D.PRGR: Channel One (General Sce):** 0817-0200. **N:** W 0900, 1000, 1100, 1330, 1500, 1900, 2100, 2230 (Sun), 2300 (W), 0100.
**Channel Two (Regional Sce):** 0730-0250. **N:** as Ch. 1.
**V:** by letter — **ALF:** G $5.00.

## PARAGUAY

**L.T:** UTC-4h Mar 1-Sep 30 (UTC-3h Oct 1-Feb 28).
**Pr.L:** Spanish, Guarani — **E.C:** a/c 50, 220V (yes).

### ADMINISTRACION NACIONAL DE TELECOMUNICACIONES

**ADDR:** Administration General, Cas. Correo 84, Asunción.
**Cable:** Antelco. **Te:** 4-4001
**L.P:** Pres: Ing. M.C. Guanes. Dir. Adm: F.F. Duarte. Dir. of Tech. Dept: Ing. P.M. Duarte. Dir. Int. Affairs: Ing. M.H. Gini. Dir. Radio: Ing. A. Barboza.
**STATIONS:** All st's comm. exc. R. Nacional.
**Mediumwaves:** ° = Shortwave. *) inactive.

| | Call | kHz | kW | Name, location and h. of tr. |
|---|---|---|---|---|
| 1) | ZP16 | 555 | 25 | R. Presidente Stroessner, Ciudad Presidente Stroessner: 0900-0500 (n. 550) |
| 2) | ZP15 | v°570 | 25 | La Voz del Amambay, Pedro Juan Caballero: 1000-0200 |
| 3) | ZP32 | 590 | 5 | R. Ycuámandyyú, Villa de San Pedro: 0900-0200 |
| 4) | ZP30 | 610 | 10 | R. La Voz del Chaco Paraguayo, Filadelfia: Mon-Fri: 0940-1800, 2100-0215; Sat: 0900-1800, 2025-0215; Sun: 0955-1418, 2130-0218 |
| 5) | ZP40 | v617 | 1 | R. Ñassaindý, San Estanislao (n. 620) |
| 6) | ZP19 | 645 | 10 | R. Caaguazú, Coronel Oviedo: 0700-0300 (n. 640) |
| 7) | ZP29 | r652 | 5 | R. Vallemi, Vallemi: Mon-Fri: 0800-0500, Sat/Sun: 24h (n.650) |
| 8) | ZP26 | v660 | 10 | R. Itapirú, Ciudad Presidente Stroessner: 0900-0200 |
| 9) | ZP41 | 680 | 2 | R. Ypacaraí, Ypacaraí: 0920-0200 |
| 10) | ZP12 | 700 | 10 | R. Carlos Antonio López, Pilar: 0930-0200 |
| 11) | ZP7 | 740 | 1 | R. Guaraní, Asunción: 0930-0300 (n. 730) |
| 12) | ZP5 | 760 | 25 | R. Encarnación: 0800-0400 |
| 13) | ZP70 | 780 | 25 | R. Primero de Marzo, Asunción: 0900-0430 |
| 14) | ZP27 | 820 | 5 | R. Mbaracayú, Salto de Guairá (n. 680) |
| 15) | ZP6 | v°840 | 7 | R. Guairá, Villarica: 0900-0300 |
| 16) | ZP28 | 860 | 25 | La Voz de la Cordillera, Caacupé: 0900 (Sat/Sun 1000)-0400 |
| 17) | ZP33 | 890 | 1 | R. Tres de Febrero, Itá: 1000-0200 |
| 18) | ZP1 | °920 | 100 | R. Nacional, Asunción: 1000-1800, 2100-0300 |
| 19) | ZP9 | 970 | 10 | R. Comuneros, Asunción: 0900-0300 |
| 20) | ZP31 | 980 | 1 | R. Mburucuyá, Pedro Juan Caballero: 0855-0600 |
| 21) | ZP36 | v996 | 10 | R. Ypóa, Paraguari: 0855-0200 (n. 1000) |
| 22) | ZP14 | v1020 | 10 | R. Nandutí, Asunción: 0900 (Sun 1000)-0400 |

| | Call | kHz | kW | Name, location and h. of tr. |
|---|---|---|---|---|
| 23) | ZP43 | r1040 | 5 | R. Arapizandú, San Ignacio (Misiones): 0900-0200 |
| 24) | ZP13 | 1060 | 3 | R. Boquerón, Alberdi: 1030-2400 |
| 25) | ZP25 | 1080 | 5 | Radiodiff. Nanawa, Luque: 0900-0400 |
| 26) | ZP71 | 1100 | 5 | R. Ñu Verá, Capitán Bado: 0900-0200 |
| 27) | ZP24 | 1120 | 10 | R. Nuevo Mundo, San Lorenzo: 1000-0300 |
| 28) | ZP22 | 1140 | 5 | R. Panambí Verá, Villarica: 0900-0200 (Sun 1030-0200) |
| 29) | ZP11 | 1200 | 10 | R. Charitas, Asunción: 0930-0330 |
| 30) | ZP21 | v1225 | 3 | R. Centenario, Caaguazú (n. 1230): 0900 (Sun 1000)-0300 |
| 31) | ZP3 | 1250 | 10 | R. Asunción: 0830-0400 |
| 32) | ZP10 | v°1300 | 10 | Em. Paraguay, Asunción: 0930-0400 |
| 33) | ZP4 | 1330 | 10 | R. Chaco Boreal, Asunción |
| 34) | ZP44 | 1360 | 1 | R. Arasapotý, Itagúa: 0900 (Sun 1000)-0200 |
| 35) | ZP8 | v1380 | 2 | R. Concepción: 0930-0200 |
| 36) | ZP37 | 1400 | 1 | R. Arapoty, Carapeguá: 0900-0300 |
| 37) | ZP35 | v1414 | 2.5 | R. La Voz de Misiones, San Juan Bautista Misiones: 1000-0130 (n. 1430) |
| 38) | ZP42 | 1417 | 5 | R. Guyrá, Campana, Horqueta (n. 1420) |
| 39) | ZP23 | 1480 | 1 | R. Mariscal Francisco Solano López, Bella Vista: 1000-0100 |
| 40) | ZP20 | v1480 | 1 | R. Americá, Villeta: 0900-0200 |

**Shortwaves:**

| | Call | kHz | kW | Name and location, h. of tr. |
|---|---|---|---|---|
| 15) | A6 | v5980 | 2 | R. Guairá, Villarica: 1000-1800 (irr.) |
| 2) | A15 | v5995 | 2 | La Voz del Amambay, Pedro Juan Caballero |
| 32) | A10 | 6015 | 3 | Em. Paraguay, Asunción: 1200-1600, 2000-0200 |
| 18) | A1 | 6025 | 1 | R. Nacional, Asunción: irr. |
| 29) | A11 | 6110 | 1 | R. Charitas, Asunción: irr. |
| 18) | A1 | 9735 | 100 | R. Nacional, Asunción: as MW |
| 18) | A1 | v11915 | 100 | R. Nacional, Asunción: as MW |
| 11) | A7 | 15200 | 0.5 | R. Guaraní, Asunción: irr. |

**Addresses and other information:**
1) Km 10, Ruta Internacional, Ciudad Pte. Stroessner — Dir: Carlos Barreto Sarubbi.
2) 14 de Mayo 475, Pedro Juan Caballero — DG: Luís T. César Rolón Peña. Gte: Lidia Gonzáles.
3) Villa de San Pedro — Dir: Ing. Juan B. Ibañez.
4) Casilla de Correo 984, Filadelfia, Chaco — Gte: Ernest Loewen. Dir. Tec: Hartmut Isaac.
5) San Estanislao — Dir: Demetrio Sánchez Candia.
6) Ruta Mcal. Estigarribia Km 6½, Coronel Oviedo — Dir: Francisca Vda. de Correa.
7) Gral. Santos y Manuel Dominguez, 5° piso, Asunción — Dir: Ramón Centurion Nuñez.
8) Nanawa y Adrian Jara, Ciudad Pres. Stroessner — Dir: Bernardino Leguizamón. Dir. Tec: Roque Rios.
9) Calle Paraguay, Ruta 2, km 36, Yparacaí — Dir: Gregorio Duarte F.
10) Alberdi 200, Pilar — Gte: Sergio Enrique Dacak.
11) Av. José Felix Bogado y Batallón 40, Asunción — Dir: Esteban Cáceres Almada.
12) Gral. Artigas 728, Encarnación.
13) Av. General Máximo Santos y Felicidad, Asunción — Dir: Juan Angel Napout & Alcides Riveros.
14) Salto del Guairá — Dir: Victor Pérez Ávalos.
15) Alejo García y Presidente Franco, Villarica — Dir: Lidice Rodríguez Vda. de Traversi. Dir. Tec: Guillermo Traversi V.
16) Dr. Venancio Pino y 3ra. Proyectada, Caacupé — DG: Dr. Gregorio Ramón Cabral. Gte: Lic. Abelando Morales Cabral.
17) Av. Enrique Doldán Ibieta y Presidente Franco, Itá — Dir: Carlos Rubén Gutiérrez F.
18) Oliva y Alberdi, 6° to piso M.O.P.C, Asunción — Dir: Alejandro Cáceres Almada. Dir. Tec: Carlos Montaner.
19) Estados Unidos 2019-2022, Asunción — Dir: Juan Jesús Bernabé Sánchez. Dir. Tec: Guillermo Schneider.
20) Barrio Maria Victoria, Pedro Juan Caballero — Dir: Santiago Lequizamon.
21) Radio Parque San Francisco, Paraguarí — Dir: Carmelo Ruggilo.
22) Choferes del Chaco 1194, Asunción — Dir. Gen: Humberto Rubin. Dir. Tec: Amado Vera Y.
23) Mariscal López y Cerro Corá, San Ignacio (Misiones) — Dir: Héctor Bottino Franco.
24) Alberdi — Dir. Gen: Juan I. Gamarra.
25) Av. General Aquino — km. 12, esq, José Bonifacio, Luque — Dir: Juan Carlos Bernabé Lopez. Gte: Silvio Noquera Ayala.
26) Capitán Bado — Dir: Victor Castro Monte.
27) Coronel Romero y Florida, San Lorenzo (Asunción: General Diaz 488, Ofic. 34) — Dir: Pablo Pereira.
28) General Caballero 748, Villarica — Dir: Lic. Alba Martínez de González & Lic. Alba M. de Gònzález.
29) Luis Alberto de Herrera 364 (Casilla de Correo 1313), Asunción — Dir: Lorenzo Berañano. Dir. Tec: José J. Gallastegui.
30) Caaguazú — Dir: Robustiano Cabrera J.
31) Av. Artigas y Capitán Lombardo, Asunción — Dir: Miguel G. Fernández. Gte: Nery Fernández.
32) Dr. Gaspar Rodriguez de Francia 337-343, Asunción — DG: Roberto Simbron. Gte: Carlos H. Sánchez Neira.
33) Cnel. Bogado 916, Asunción — DG: Humberto Domínguez Dibb.
34) Ruta Mariscal Estigarribia — Km 29, Itauguá — Dir: Teodocio Fermín Espínola. Dir. Tec: Paul Romero.
35) Casilla de Correo 78, Concepción — Owner: Sergio Enrique Dacak. Gte: Julián Marti Ibañez.
36) Carapeguá — Dir: Alfonzo Romero.
37) San Juan esq. Presidente Franco, San Juan Bautista Misiones — Dir: César Miguel Saccarello.
38) Horqueta — Dir: Dr. Salvador R. Paredes.
39) Calle Iturbe 146, Bella Vista. Dir: Blanca Cardoso.
40) Mariscal Estigarribia y General Díaz Villeta — Own: Máximo Silvero Venialgo. Gte: Arcadio Olavarrieta.
**V.** SW verifications received in 1983/84 from st's 2) and 18).

## PERU

**L.T:** UTC-5h — **Pr.L:** Spanish, Quechua — **E.C:** a/c 60, 220V (yes).

### MINISTERIO DE TRANSPORTES Y COMUNICACIONES, Dirección General de Telecomunicaciones.

**ADDR:** Av. 28 de Julio 800, Lima 1. **Cable:** Digecom.
**L.P:** Dir. de Telecomunicaciones: Ing. Carlos A. Romero Sanjines. Dir. Freq. Div: Ing. Raúl Gómez.

### ASOCIACION DE RADIOIFUSORAS DEL PERU (ARP)

**ADDR:** Manuel Corpancho 208, Lima 1.
**L.P:** Pres: Fernando Gonzales del Campo.

### INSTITUTO NACIONAL DE COMMUNICACION SOCIAL

**ADDR:** Jr. de la Unión 264, Lima — **L.P:** Hernán Valdizán C. Dir. Bc: Sra. Clarisa P. de Olivera.

### UNION DE RADIOEMISORAS DE PROVINCIAS DEL PERU (UNRAP)

**ADDR:** Mariano Carranza 754, Santa Beatriz, Lima 1.
**L.P:** Pres: Humberto Maldonado Balbin.
**Mediumwaves:** ° = shortwave, + = inactive but may open shortly; * = inactive; v = varying fq; r = reported.

| | Call | kHz | kW | Name and h. of tr. |
|---|---|---|---|---|
| 1) | OBZ4L | 560 | 1 | R. Folklore, Lima: 1000-0600 |
| 2) | OAX3X | 570 | 1 | R. Progreso, Chimbote: 1100-0500 |
| 3) | OAX2E | 580 | 10 | R. Marañon, Jaen: 1100-0200 |
| 4) | OAZ8C | °590 | 5 | R. Sideral, Pucallpa |
| 5) | OAX4S | 590 | 0.5 | R. Comas, Comas: 1100-0500 |
| 6) | OAX6S | 600 | 0.3 | R. Cultural, Toquepala, Tacna |
| 7) | — | r610 | 1 | R. La Favorita, Lince |
| 8) | OAX2M | 620 | 1 | R. Chepén, Chepén: 1100-0600 |
| 9) | OCY4A | v620 | 10 | R. Estrella del Sur, Cañete: 1130-0430 |
| 10) | OAX5T | °620 | 2 | R. La Voz de Huamanga, Ayacucho: 1000-0600 |

| | Call | kHz | kW | Name and h. of tr. |
|---|---|---|---|---|
| 11) | OBX7B | 640 | 1 | R. Onda Azul, Puno: 1000-0300 |
| 12) | OAZ4K | °640 | 10 | R. del Pacifico, Lima: 1100-0430 |
| 13) | OAX5R | 650 | 1 | R. Regionalista, Ica: 1030-0550 |
| 14) | OAX2N | 650 | 1 | R. Ondas del Norte, Trujillo: 1100-0500 |
| 15) | OCX4R | °660 | 10 | R. Omega, Lima |
| 16) | OCX4L | °r665 | 1 | R. Chinchaycocha, Junín (n. 660) |
| 17) | OBX4A | 670 | 1 | R. RBC, Callao: 1100-0500 (n. 680) |
| 18) | — | 670 | 10 | R. Nacional, Puno |
| 19) | OAX5E | 680 | 5 | R. Independencia, Ica: 1100-0600 |
| 20) | OAX3F | 690 | 1 | R. Chimbote, Chimbote |
| 21) | OBZ4H | 700 | 1 | R. Aeropuerto, Lima: 1100-0600 |
| 22) | — | 710 | 10 | R. Nacional, Pto. Maldonado |
| 23) | — | °730 | 1 | R. Inca del Peru, Los Baños del Inca |
| 24) | — | 730 | 10 | R. Nacional, Trujillo |
| 25) | OAX4J | 740 | 25/10 | R. Sudamericana, Trujillo |
| 26) | OBX4G | 730 | 10 | R. Programas del Peru, Lima |
| 27) | OAX6C | °740 | 10 | R. Continental, Arequipa: 24h |
| 28) | OAX3T | 750 | 1 | R. El Mundo, Chimbote: 1100-0500 |
| 29) | OCX4B | °750 | 5 | R. Altura, Chaupimarca |
| 30) | OBZ4X | 760 | 10 | Radiomar, Lima: 24h |
| 31) | OAX8M | °770 | 5 | La Voz de la Selva, Iquitos: 1000-0500 |
| 32) | OAX4X | °780 | 10 | R. Victoria, Lima: 1030-0600 |
| 33) | OAX2I | 790 | 5 | R. CRU, Trujillo |
| 34) | OAZ4U | 800 | 0.5 | R. San Juan, Huaral: 1100-0500 |
| 35) | OBX5B | 800 | 0.5 | R. Sur Medio, Ica |
| 36) | OAX3Y | 800 | 2 | R. La Selva, Tingo María |
| 37) | OBX6A | 800 | 1 | R. La Porténa, Ilo |
| 38) | OAX4O | 820 | 10 | R. Libertad, Lima: 24h |
| 39) | OAX3S | 830 | 1 | R. Casma, Casma |
| 40) | OCX7H | 830 | 1 | R. Infi, Santiago |
| 41) | OAX6D | v°834 | 10 | R. Nacional, Tacna |
| 42) | OAX2W | 850 | 1 | R. Atahualpa, Cajamarca: 24h |
| 43) | OAX4A | °850 | 50 | R. Nacional, Lima: 0930-0600 |
| 44) | OBX4V | °860 | 10 | R. Junin, Huancayo |
| 45) | OBX1F | 870 | 1 | R. CRU, Chiclayo |
| 46) | OBZ4N | °880 | 50 | R. Unión, Lima: 24h |
| 47) | OAX1D | 890 | 10 | R. Progreso, Piura: 1100-0600 |
| 48) | OBX7S | 890 | 1 | R. Bahai, Chucuito |
| 49) | OBX4X | °900 | 10 | R. El Sol, Lima: 1030-0530 |
| 50) | OBX6N | 900 | 1 | R. Nevada, Unacollo |
| 51) | OAX2H | °910 | 1 | R. Huamachuco, Huamachuco |
| 52) | OBX1G | 920 | 5 | R. Heróica, Chiclayo: 1000-0600 |
| 53) | OBZ4J | 920 | 1 | R. Bolognesi, "R. Popular", Huancayo |
| 54) | OAX4E | 930 | 10 | R. Moderna, Lima: 1000-0700 |
| 55) | OBX7L | 940 | 1 | R. Wilcamayo, Sicuani: 1100-0400 |
| 56) | OBX1C | 940 | 1 | R. Presidente, Paita |
| 57) | OAX4D | °960 | 20 | R. Panamericana, Lima: 1000-0700 |
| 58) | OAX2F | *980 | 0.4 | R. La Hora, Trujillo |
| 59) | OBX4J | v985 | 5 | R. Estación X, Lima: 1000-0530 |
| 60) | OBZ4R | °990 | 1 | R. La Voz del Valle del Mantaro, Jauja |
| 61) | OAX6K | 990 | 10 | R. Bicolor, Tacna: 24h |
| 62) | OAX4U | °1010 | 50 | R. América, Lima: 24h |
| 63) | OAX7N | 1030 | 10/5 | La Voz del Altiplano, Puno: 1100-0400 (n.670) |
| 64) | OAX2U | 1030 | 3 | R. Imperio, Huamachuco |
| 65) | OCX7O | 1030 | 1 | R. HG, Cuzco |
| 66) | — | 1040 | 1 | R. Otuzco, Otuzco |
| 67) | OBX4O | 1040 | 10 | R. Onda Popular, Lima: 24h |
| 68) | OBX6B | °1050 | 1 | R. Arequipa: 1050-0400 |
| 69) | OAX3A | 1050 | 10 | R. Alpamayo, Huaraz |
| 70) | OAX3U | 1060 | 2 | R. Luren, Ica: 1100-0500 |
| 71) | OCY4D | 1060 | 1 | R. Exito 1060, Lima: 1000-0600 |
| 72) | OBX5D | °1060 | 2 | R. Andahuaylas: 1000-0400 |
| 73) | OAX2B | 1070 | 2 | R. Trujillo, "La Voz del Norte del Peru", Trujillo: 1100-0500 |
| 74) | OAX5A | 1070 | 0.25 | R. Centinela, Puerto San Juan |
| 43) | OAX4F | 1080 | 10 | R. Nacional Mil Ochenta, Lima |
| 75) | OBX1D | 1080 | 5 | R. San Miguel, Piura |
| 76) | OAX7S | 1080 | 1 | R. Salcantay, Cuzco |
| 77) | OAX8N | °1080 | 5 | R. Amazonas, Iquitos |
| 78) | OCX4P | °1080 | 1 | R. Huayllay, Huayllay |
| 79) | OBX2A | 1090 | 1 | R. Cajabamba, Cajabamba |
| 80) | OAX3I | °1100 | 1 | R. Tingo María, Tingo María: 1100-0500 |
| 81) | OAZ4W | 1100 | 1 | R. Musical, Barranca |
| 82) | OCX4S | 1100 | 0.2 | R. Imperial, Cañete |
| 83) | OAX5Z | 1100 | 1 | R. Oasis, Ica: 1100-0200 |
| 84) | OCY4G | 1100 | 1 | Sonorama R, Huancayo: 1100-0500 |
| 85) | OBX1L | 1100 | 1 | R. Star, Chiclayo: 1000-0600 |
| 86) | OBX7Z | 1100 | 1.5 | R. Collao, Juliaca: 1000-0400 |
| 87) | OAX9J | 1100 | 0.5 | R. Lamas, Lamas |
| 88) | OAX9Cv | °1112 | 1 | R. Rioja, Rioja: 1000-0400 |
| 89) | OAX8A | °1120 | 10 | R. Nacional, Iquitos |
| 89) | — | 1120 | 5/1 | R. Nacional, Caballococha |
| 90) | OAX4N | 1130 | 2.6 | R. Selecta 2000, Lima: 1000-0600 |
| 91) | OAZ4S | °1130 | 0.4 | R. Chanchamayo, La Merced: 1400-0600 |
| 92) | OAX9Q | °1130 | 3 | R. Dif. San Martín, Tarapoto |
| 93) | OAX7H | °1130 | 0.45 | R. Puno, Puno |
| 94) | OAX6L | °1140 | 1 | R. Concordia, Arequipa: 0900-0500 |
| 95) | OCY4C | 1140 | 1 | R. Centro, Huancayo |
| 96) | OAX5W | 1140 | 0.5 | R. Chinchaysuyo, Chincha: 1100-0500 |
| 97) | OAX3R | 1140 | 2 | R. Bahía, Chimbote: 1000-0500 |
| 98) | OAX8F | °1150 | 10 | R. Loreto, Iquitos: 1055-0700 |
| 99) | OAX4C | 1160 | 10 | R. Once Sesenta, Lima: 1100-0700 |
| 100) | OAX3B | 1160 | 1 | R. Huaraz, Huaraz (n. 950) |
| 58) | OAX2C | 1160 | 1 | R. Libertad, Trujillo: 1000-0400 |
| 101) | OAX9A | 1160 | 10 | R. Nacional, Tumbes (n. 780) |
| 102) | OAX9M | °1160 | 5 | R. Imagén, Tarapoto: 1030-0500 |
| 103) | OBX6G | 1160 | 1 | R. Hogar, Moquegua |
| 104) | OCX4Y | °1170 | 1 | R. Coop. Satipo, Satipo: 1100-0200 |
| 105) | OCX7Q | °1170 | 2.5 | R. Universal, Huánchac |
| 106) | OBX4P | 1180 | 10 | R. Latinoamericana, Lima |
| 107) | OCY4Z | °1180 | 1 | R. Libertad de Junín |
| 108) | OAX1E | 1190 | 10 | R. Chiclayo, Chiclayo: 1100-0600 |
| 109) | OBX5O | °1190 | 1 | R. Huanta 2000, Huanta |
| 110) | OAX2V | 1190 | 1.2 | R. Los Andes, Cajamarca |
| 111) | — | °1190 | 10 | R. Ancash, Huaraz |
| 112) | OAX7Bv | °1190 | 5 | R. Tawantinsuyo, Cuzco (r.1200): 1000-0500 |
| 113) | OAX6N | 1200 | 1 | R. El Faro, Ilo |
| 114) | OAX4B | 1200 | 5 | R. Lima, Lima: 1015-0600 |
| 115) | OBX6L | 1200 | 10 | R. Radial Andina, Arequipa (n.1170) |
| 116) | OAX7Mr | °1200 | 1 | R. Quillabamba: 1120-0200 (n.1210) |
| 118) | OAX2Q | 1210 | 1 | R. Universo, Trujillo: 1100-0500 |
| 119) | OAX5G | 1220 | 1 | R. San Pedro de Grocio Prado, Chincha |
| 120) | OAX6X | °1220 | 4 | R. Melodia, Arequipa: 24h |
| 121) | OAX9T | °1220 | 3 | R. Bagua, Bagua Chica |
| 122) | OBX2T | 1230 | 1 | R. Albujar, Guadalupe |
| 123) | OBZ4Y | 1230 | 4 | R. Selecciones, Tarma: 1100-0300 |
| 124) | OBX7J | °1230 | 0.5 | R. Madre de Dios, Puerto Maldonado: 1100-0200 |
| 125) | OAZ4Q | 1240 | 5 | R. Oro, Huacho: 1100-0300 |
| 126) | OBX7M | 1250 | 1 | R. Tupac Amaru, Sicuani: 24h |
| 127) | OAX8P | °1250 | 1 | R. Pucallpa, Pucallpa |
| 128) | OAX4L | 1250 | 5 | R. Miraflores, Lima: 24h |
| 129) | OBX2C | 1260 | 1 | Telesistema Peruano, Otuzco |
| 130) | OBX6D | 1260 | 1 | R. Mundial, Arequipa |
| 131) | OAZ4H | 1270 | 1 | R. Huacho, Huacho: 1100-0500 |
| 132) | OAX5B | °1270 | 1 | R. Ica, Ica |
| 133) | OAX8T | °1270 | 1 | R. Eco, Iquitos: 1000-0600 |
| 134) | OBZ4T | °1270 | 0.5 | R. La Merced, La Merced: 1100-0400 |
| 135) | OBX6H | 1270 | 0.35 | R. Mollendo, Mollendo |
| 136) | OBX7A | 1270 | 1 | Radiodif. Continente, Cuzco |
| 137) | OBX7G | *1270 | 1 | R. Ondas del Titicaca, Puno |
| 138) | OAX9G | °1270 | 1 | R. Nor Peruana, Chachapoyas |
| 139) | OBX4E | °1280 | 5/10 | R. Inca, Lima: 24h |
| 140) | — | °1280 | 1 | R. Moderna, Cajamarca |
| 141) | OBX6P | 1280 | 1 | R. Fenix, Camana |
| 142) | OAX1H | 1300 | 1 | R. Grau, Piura |
| 143) | OAX1L | 1300 | 1 | R. Difusora Comercial, Chiclayo |
| 144) | OAX4M | 1300 | 15 | R. Atalaya, Lima: 1100-0500 |
| 145) | OAX3O | 1300 | 1 | R. Huascarán, Huaraz: 1100-0500 |
| 146) | OAZ8B | 1300 | 3 | R. Nuevo Mundo, Pucallpa: 24h |
| 147) | OAZ4B | °1300 | 2 | R. Andina, Huancayo: 0900-0600 |
| 148) | OAX5H | °1300 | 0.5 | R. Ayacucho, Ayacucho: 1100-0500 |
| 149) | OAX7P | °1300 | 1 | R. Onda Imperial, Cuzco: 1100-0200 |
| 150) | OAX7X | °1300 | 1 | R. Juliaca: 1100-0200 |
| 151) | OBX5K | 1310 | 1 | R. San Martín, Pisco |
| 152) | OAX6P | *1310 | 0.4 | R. Latina, Tacna |
| 153) | OAX4I | °1320 | 10 | R. La Crónica, Lima: 0930-0500 |

| Call | kHz | kW | Name and h. of tr. |
|---|---|---|---|
| 154) — | °1320 | 5 | R. La Voz de Oxapampa, Oxapampa: 1100-0500 |
| 155) OAX1F | °1320 | 0.35 | R. Talara, Talara |
| 156) OBX6O | 1320 | 1 | R. Presidente Castilla, Arequipa |
| 157) OAX2P | 1330 | 0.2 | R. Paijan, Paijan |
| 158) OAX9C | °1340 | 1 | R. Tropical, Tarapoto: 0900-0500 |
| 159) OAZ4Q | 1340 | 1 | R. Jauja, Jauja |
| 160) OAX5D | 1340 | 0.5 | R. Chincha, Chincha Alta |
| 161) OBX1K | 1340 | 1 | R. San Francisco, Piura: 24h |
| 162) OAX3N | °1350 | 1.5 | Ondas de Huallaga, Huánuco |
| 163) OBX6F | °1350 | 1 | R. Ilo, Ilo |
| 164) OAX4Y | 1360 | 5 | R. Excelsior, Lima: 0930-0500 |
| 165) OAX7R | °1365 | 0.35 | R. Sicuani, Sicuani: 0955-0400 (n.1360) |
| 166) OAX3H | 1370 | 1 | R. Interamericana, Chimbote |
| 167) OAX6T | °1370 | 0.5 | R. Moquegua, Moquegua: 0900-0500 |
| 168) OAX1G | °1370 | 1 | R. Tumbes, Tumbes |
| 169) OAZ4O | 1370 | 1 | R. Cosmos, Huacho: 1100-0500 |
| 170) OAX2D | 1380 | 10 | R. Cajamarca, Cajamarca |
| 171) OAZ4M | 1380 | 0.2 | R. Huaral, Huaral (n.1340) |
| 172) OBX5C | 1380 | 1 | R. El Pueblo, Ica |
| 173) OCY4U | 1380 | 1 | R. ABC, Chosica |
| 174) OAX6O | 1380 | 3 | R. San Martín, Arequipa: 1030-0300 |
| 175) OAX2O | 1400 | 1 | R. Peru, Chepén |
| 176) OAZ4P | 1400 | 0.5 | R. San Juan de Tarma, Tarma: 1100-0300 |
| 177) OBX4W | 1400 | 2.5 | R. Callao, Callao: 1100-0500 |
| 178) OAX6J | 1400 | 0.2 | R. Landa, Arequipa |
| 179) OAX7I | 1400 | 1 | R. La Hora, Cuzco (r.1390) |
| 180) OAX1N | 1410 | 1 | Telesistema Peruano, Lambayeque |
| 181) OAX2Y | 1410 | 2 | R. Heróica, Trujillo: 24h |
| 182) OBZ4V | 1410 | 1 | R. Universal, Huacho |
| 183) OCX7C | °1420 | 1 | R. Qollasuyo, Juliaca: 1000-0300 |
| 184) OAX8Z | °1420 | 1 | R. Oriente, Yurimaguas: 0900-0400 |
| 185) OBX5H | °1420 | 1 | R. Apúrimac, Abancay: 1100-0300 |
| 186) OBZ4G | 1420 | 1 | R. San Isidro, Lima: 1030-0500 |
| 187) OAZ4V | 1430 | 0.5 | R. Universal, Huancayo |
| 188) OBX2J | °1440 | 2 | R. Nuevo Continente, Cajamarca: 0900-0500 |
| 189) OAX6R | 1440 | 1 | R. El Tiempo, Arequipa: 1000-0400 |
| 190) — | r1444 | 2 | R. Imperial, Lima |
| 191) OBX1I | 1440 | 2 | R. Coop. Tumán, Chiclayo: 1100-0300 |
| 192) OCX7K | °1440 | 1 | R. San Miguel, Huánchac |
| 193) OBX4K | 1450 | 1 | R. Fortaleza, Barranca |
| 194) OAX6C | 1460 | 1 | R. Bahía, Mollendo |
| 195) OAX1V | 1460 | 1 | R. "La Voz de Chira", Sullana |
| 196) OAX3C | 1460 | 0.5 | R. Huánuco, Huánuco |
| 197) OAX7W | °1460 | 1 | R. El Sol de los Andes, Juliaca |
| 198) OAX5K | 1460 | 2.5 | R. Internacional, Pisco: 1300-0500 |
| 199) OCY4I | *1460 | 0.5 | R. Imperial, Junín |
| 200) OBX3A | 1460 | 1 | R. Chimú, Chimbote |
| 201) OCX4D | °1470 | 1 | R. Huancayo, Huancayo: 1100-0700 |
| 202) OAX6M | °1470 | 0.8 | R. Tacna, Tacna: 0900-0500 |
| 203) OAX7G | °1470 | 1 | R. Cuzco, Cuzco: 1000-0400 |
| 204) OAX1L | 1490 | 1 | R. Imperio, Chiclayo |
| 205) OAX4P | 1490 | 0.5 | R. Pasco, Cerro de Pasco |
| 206) OAX5N | 1490 | 0.5 | R. Nazca, Nazca |
| 207) OAX6Q | 1490 | 5 | R. Sur Peruana, Arequipa |
| 208) OAX8J | °1490 | 1 | Atlántida, Iquitos: 0915-0600 |
| 209) OAX5L | *°1490 | 0.25 | R. Abancay, Abancay |
| 210) OCX7P | 1490 | 5 | R. Emis. Frontera, Puno |
| 211) OAZ4F | °1490 | 0.35 | R. La Oroya, La Oroya |
| 212) OCX4F | 1500 | 1 | R. Mundo, Huancayo (n.1560) |
| 213) OBX4I | °1500 | 10 | R. Santa Rosa, Lima: 1000-0430 |
| 214) OCX4B | 1510 | 0.3 | R. Fessa, Cañete |
| 215) OCX4J | °1510 | 1 | R. Tarma, Tarma: 1000-0500 |
| 216) OBX7P | 1510 | 1 | R. El Sur, Cuzco: 1000-0500 |
| 217) OBX2B | 1520 | 1 | R. Star, Trujillo |
| 218) OBX4D | 1520 | 1 | R. Reloj, Lima: 1100-0700 |
| 219) OAZ4D | °1520 | 0.5 | R. Minería, La Oroya |
| 220) OAX1C | 1520 | 1 | R. Delcar, Chiclayo: 1100-0600 |
| 221) OAZ2A | °1530 | 1 | R. Los Andes, Huamachuco |
| 222) OBZ4S | 1530 | 1 | R. La Voz 15-50, Huancayo: 1000-0600 |
| 223) OAX5F | 1530 | 2 | R. La Voz de Nasca, Nasca: 1000-0500 |
| 224) — | °1530 | — | R. Acunta, Chota |
| 225) OBX4N | °1540 | 0.5 | R. Corporación, Cerro de Pasco |
| 226) OBZ4U | 1540 | 1 | R. Barranca, Barranca: 1100-0500 |
| 227) OBX1B | 1540 | 1 | La Voz de la Frontera, Tumbes |
| 228) OAX9X | °1545 | 0.5 | R. Visión, Juanjuí: 1100-0400 (n.1520) |
| 229) OBX4P | 1550 | 1 | R. Independencia, Lima: 1100-0630 |
| 230) OBX5J | °1550 | 0.5 | R. San Cristóbal de Huamanga, Ayacucho |
| 231) OCX7A | °1550 | 1 | R. Cultura, Puno: 1000-0300 |
| 232) OAX9R | °1550 | 1 | R. Moyobamba, Moyobamba |
| 233) OAX2X | 1560 | 1 | R. Primavera, Trujillo |
| 234) OAX5M | °1580 | 2 | R. Huancavelica, Huancavelica: 1000-0600 |
| 235) OBX2H | °1580 | 1 | R. Tayabamba, Tayabamba |
| 236) OBX7Q | °1580 | 1 | R. Triunfo, Cuzco: 1045-0300 |
| 237) OAZ4Z | 1590 | 5 | R. Agricultura, Lima: 1000-0500 |
| 238) OBX5C | °1590 | 1 | R. Esmeralda, Huanta |
| **Shortwaves** | | | |
| 239) — | r3182v | — | R. Universal, San Marcos |
| 148) — | 3220 | 1 | R. Ayacucho, Ayacucho: 1100-0500 |
| 197) OBX7D | 3230 | 0.4 | R. El Sol de los Andes, Juliaca: 1000-0300v (r3255) |
| 62) OBX4U | v3240 | 1 | R. América, Lima |
| 183) OCX7D | 3250 | 1 | R. Qollasuyo, Juliaca: 1000-0300 |
| 154) — | 3260 | 5 | R. La Voz de Oxapampa, Oxapampa: 1100-1300, 2300-0400v |
| 235) OAZ2D | r3290v | 1 | R. Tayabamba, Tayabamba: 1400-2400v |
| 44) OBX4Y | 3300 | 1 | R. Junín, Huancayo |
| 121) OAX9V | r3310v | — | R. Bagua, Bagua Chica |
| 105) OAZ7C | r3310 | 5 | R. Universal, Huánchac |
| 7) OBZ4I | 3220 | 1 | R. Estrella del Sur, Cañete: 1130-0430 |
| 140) OAX3Q | 3330 | 0.5 | Ondas del Huallaga, Huánuco: 1000-0500 |
| 29) OBZ4B | 3340 | 1 | R. Altura, Chaupimarca |
| 211) OAX4G | 3350 | 0.4 | R. La Oroya, La Oroya |
| 196) OAX3D | 3360 | 0.5 | R. Huánuco, Huánuco |
| 60) OBZ4M | v3386 | 0.5 | R. La Voz del Valle del Mantaro, Jauia: 1000-0500 |
| 240) — | r3389v | — | R. Cutervo, Cutervo |
| 241) OBX7K | r3550v | 1 | R. Dif. la Convención, Quillabamba (n. 3325) |
| 242) — | r3914v | — | R. Nuevo Cajamarca, Nuevo Cajamarca |
| 51) — | r3945v | — | R. Huamachuco, Huamachuco (r. 3958) |
| 243) — | r3955v | — | R. Quiruvilca, Quiruvilca |
| 244) — | r4254 | — | R. El Sol de los Andes, Cotorumi |
| 245) — | 4300 | 0.25 | R. Moderna, Celendin: 1100-0500 |
| 246) — | r4361v | — | R. Frecuencia Juvenil, Cajabamba |
| 23) — | r4494v | — | R. Inca del Peru, Los Baños del Inca |
| 238) OBX5A | r4502v | 1 | R. Esmeralda, Huanta: 1030-0330 (n. 3285) |
| 109) OAZ5B | 4755 | 0.5 | R. Huanta 2000, Huanta |
| 80) OAX3P | 4760 | 1 | R. Tingo Maria, Tingo Maria: 1100-0500 |
| 139) OCX4W | 4762 | 1 | R. Inca, Lima: 24h |
| 215) OAZ4A | v4776 | 0.5 | R. Tarma, Tarma: 1100-1400, 2000-0500 |
| 104) OCX4Z | 4785 | 1 | R. Cooperativa, Satipo: 1100-0200 |
| 208) OAX8F | 4790 | 5 | R. Atlántida, Iquitos: 0900-0500 (Sun 1130-0400) |
| 92) OAX9N | 4810 | 1 | R. Dif. San Martín, Tarapoto: 0930-0430 |
| 93) OAX7K | 4820 | 0.15 | R. Puno, Puno |
| 167) OAX6Z | 4825 | 1 | R. Moquegua, Moquegua: 2100-0500 |
| 31) OAX8R | v4825 | 10 | La Voz de la Selva, Iquitos: 1000-0500 |
| 165) OAX7T | r4827v | 0.4 | R. Sicuani, Sicuani: 1000-0400v (n.4835) |
| 247) — | r4830v | — | R. Huanta, Huanta |
| 185) OBX5I | 4830 | 0.4 | R. Apurimac, Abancay |
| 72) OBX5E | 4840 | 2 | R. Andahuaylas: 1000-0400 |
| 248) OBX5P | r4854 | 1 | R. Pampas, Tayacaya: 0830-0330v (n. 4875) |
| 249) OCY4X | v4855 | 1 | R. Oriente, Satipo |
| 16) OBZ4Z | 4860 | 1 | R. Chinchaycocha, Junin: 1100-0500v |

| | Call | kHz | kW | Name and h. of tr. |
|---|---|---|---|---|
| 234) | OAX5V | 4885 | 1 | R. Huancavelica, Huancavelica: 1100-0600 |
| 91) | OAZ4T | v4896 | 0.4 | R. Chanchamayo, La Merced: 1030-0500 (Sun 1100-0300) |
| 250) | — | r4898v | — | R. San Juan de Caraz, Caraz 1230-0200 (r.5073v) (n.4780) |
| 58) | OAX2H | 4910 | 1 | R. Libertad, Trujillo |
| 252) | OAZ9A | r4916 | — | R. Central, Bellavista |
| 137) | OBX7H | v4922 | 1 | R. Ondas del Titicaca, Puno: 0925-0300 |
| 253) | — | r4926v | 1 | R. Cobriza 2000, Pacaycasa (also r4907) |
| 209) | OAX5Q | 4934 | 1 | R. Abancay, Abancay: 1100-0300 (n. 4998) |
| 158) | OAX9E | 4935 | 1 | R. Tropical, Tarapoto: 1000-0500 |
| 176) | OAZ4R | 4940 | 0.5 | R. San Juan de Tarma, Tarma |
| 254) | OAX8Y | 4950 | 0.5 | R. Ucayali, Contamana |
| 124) | OAX7I | v4951 | 5 | R. Madre de Dios, Puerto Maldonado: 1030-0200 |
| 255) | OAX5S | 4955 | 1 | R. Cultural Amauta Huanta: 1100-0230 |
| 134) | OCX4T | 4960 | 1 | R. La Merced, La Merced: 1100-0400 |
| 256) | — | r4965v | — | R. La Voz de Cutervo, Cutervo |
| 192) | OAZ7B | 4965 | 5 | R. San Miguel, Huánchac |
| 12) | OCX4H | 4975 | 4 | R. del Pacifico, Lima: 1100-0430 |
| 236) | OBX7R | 4990 | 1 | R. El Triunfo, Cuzco |
| 111) | — | 4990 | 10 | R. Ancash, Huaraz |
| 147) | OAZ4C | v4996 | 2 | R. Andina, Huancayo: 1000-0600 |
| 232) | OAX9G | 5015 | 1 | R. Moyobamba, Moyobamba |
| 150) | OAX7Z | v5017 | 1 | R. Juliaca, Juliaca: 2100-0200v |
| 230) | OAX5Y | 5020 | 1 | R. San Cristóbal de Huamanga, Ayacucho |
| 116) | OAX7Q | 5025 | 5 | R. Quillabamba, Quillabamba: 1000-0300 (Sun 1100-0200) |
| 221) | OAZ2A | r5030v | 1 | R. Los Andes, Huamachuco |
| 257) | OBX7F | 5035 | 1 | R. Ayaviri, Ayaviri: 1130-0300 (r. 4606/5776v) |
| 163) | OAX6U | 5035 | 1 | R. Ilo, Ilo |
| 102) | OAX9M | 5035 | 1 | R. Imagen, Tarapoto: 1030-0500 (r. 6364) |
| 107) | OCY4Y | 5040 | 1 | R. Libertad de Junin, Junin: irr. |
| 88) | OAX9L | v5045 | 2 | R. Rioja, Rioja: 1000-0400 |
| 98) | OAX8E | 5050 | 1 | R. Loreto, Iquitos: 1100-0700 |
| 168) | OAX4J | 5050 | 0.4 | R. Tumbes, Tumbes |
| 258) | — | 5050 | 0.5 | R. Municipal de Cangallo, Cangallo: 2230-0045 |
| 149) | OBX7O | 5055 | 1 | R. Onda Imperial, Cuzco: 1100-0500 |
| 77) | OAX8X | 5060 | 1 | R. Amazonas, Iquitos |
| 133) | OAX8V | v5112 | 1 | R. Eco, Iquitos: 1000-0600 (n. 5010) |
| 259) | — | r5120v | — | R. Mundo, Cuzco: 24h |
| 260) | — | r5165v | — | R. Yungay, Yungay |
| 188) | OAZ2B | 5190v | 3 | R. Nuevo Continente, Cajamarca: 1100-0500 |
| 261) | OAX9A | 5198v | — | R. San Martín de Uchiza, Uchiza |
| 262) | OAX2S | r5226v | 0.25 | R. Jaén, Jaén (n. 5005) |
| 140) | — | r5273v | — | R. Moderna, Cajamarca (n. 5270) |
| 263) | — | r5274v | — | R. San Juan de Chota, Chota |
| 264) | OAX5L | r5300 | — | R. Los Andes, Pampas (n. 6130): 24h |
| 265) | — | r5301v | — | R. San Francisco, San Francisco |
| 266) | — | r5325v | — | R. Acobamba, Acobamba: 1100-0230 |
| 267) | — | r5340 | — | R. Santa Cruz, Sta. Cruz |
| 268) | — | r5340v | — | R. San Miguel, Cajamarca |
| 228) | — | v5360 | 1.5 | R. Visión, Juanjuí |
| 269) | — | r5402v | — | R. Tongod, Tongod (r.5191v) |
| 270) | — | r5483v | — | R. San Francisco, Bambamarca: (r. 5587/5537) |
| 271) | — | r5560v | — | R. Pucará, Jaén: 2300-0330v |
| 272) | — | r5568v | — | R. Cogor, Cogor |
| 272x) | — | r5619 | — | R. Ilucán, Cutervo: 1100-0005 |
| 273) | — | r5657v | — | R. Bambamarca, Bambamarca: 2100-0300 |
| 274) | — | r5707v | — | R San Miguel, San Miguel de Pallaques |
| 275) | — | r5738v | 0.1 | R. San José, San José |
| 224) | — | r5800v | — | R. Acunta, Chota |
| 63) | OAX7L | r5816 | 1 | La Voz del Altiplano, Puno (n. 5960) |
| 276) | — | r5846v | — | R. Bolivar, Cajabamba (Caj) |
| 68) | OAX6A | v5950 | 1 | R. Arequipa, Arequipa: 1000-1330, 2230-0400 |
| 201) | OAX4P | 5955 | 0.5 | R. Huancayo, Huancayo: 24h |
| 49) | OBX4Q | v5970 | 1 | R. El Sol, Lima: 1000-0530 |
| 57) | OBX4M | 5980 | 5 | R. Panamericana, Lima |
| 101) | OAX1W | *5990 | 1 | R. Nacional, Tumbes |
| 120) | OBX6M | 5995 | 1 | R. Melodía, Arequipa: 1100-0200 |
| 62) | OAX4W | v6010 | 10 | R. América, Lima: 24h |
| 32) | OAX4Q | 6020 | 5 | R. Victoria, Lima: 1000-0600 |
| 89) | OAX8B | 6028 | 1 | R. Nacional, Iquitos |
| 213) | OCY4H | 6045 | 10 | R. Santa Rosa, Lima: 1000-0400 |
| 27) | OAX6E | v6055 | 2 | R. Continental, Arequipa: 1100-0700 |
| 277) | OAX3L | 6060 | 5 | R. JSV, Huanuco: 1015- |
| 10) | OAX5U | v6070 | 2 | La Voz de Huamanga, Ayacucho: 1000-0600 (r.6199) |
| 43) | OAX4Z | 6082 | 1 | R. Nacional, Lima |
| 43) | OAX4H | *6095 | 1 | R. Nal. Mil Ochenta, Lima |
| 41) | OAX6F | 6105 | 1 | R. Nacional, Tacna |
| 46) | OBZ4O | 6115 | 10 | R. Unión, Lima: 24h |
| 153) | OCX4A | *6123 | 1 | R. La Crónica, Lima |
| 278) | — | r6137v | — | R. Colonial, Nuevo Cajamarca |
| 78) | OBZ4P | 6140 | 1 | R. Huayllay, Huayllay |
| 279) | — | 6140 | 0.5 | R. Amazonas, Chachapoyas |
| 219) | OAX4E | 6145 | 1 | R. Minería, La Oroya |
| 127) | OAX8Q | 6155 | 1 | R. Pucallpa, Pucallpa |
| 225) | OBX4B | °6170 | 1 | R. Corporación, Cerro de Pasco: 1100-0500 |
| 112) | OAX7C | 6175 | 5 | R. Tawantinsuyo, Cuzco: 1000-0500 |
| 15) | OBZ4K | 6185 | 10 | R. Omega, Lima |
| 184) | OAX8- | r6190 | 1 | R. Oriente, Yurimaguas: 1100- |
| 203) | OAX7A | 6195 | 1 | R. Cuzco, Cuzco: 1000-0400 |
| 280) | — | r6232v | — | Estación C, Moyobamba |
| 281) | — | r6242v | — | R. Municipal Calca, Cuzco: 1100-0200 |
| 282) | — | r6272v | 0.2 | R. Huayabamba, Huayabamba: 1115-0400(n. 6270) |
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| 284) | — | r6364v | — | R. Moderna/Estación Prefencial, Jepelacio |
| 285) | — | r6428v | — | R. Espinar, Espinar |
| 286) | — | r6580v | — | R. La Cumbre, Huamasanchas |
| 287) | — | r6725v | — | R. Satélite, Santa Cruz |
| 288) | — | r6814v | — | R. Nuevo Eden, Cezendín (Caj) |
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| 202) | OAX6H | r9486 | 0.2 | R. Tacna, Tacna: W 0900-0500 (n. 9505) |
| 62) | OAX4V | v9510 | 10 | R. América, Lima: 24h |
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| 41) | OAX6G | v9532 | 2 | R. Nacional, Tacna |
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| 101) | OAX1Z | *9550 | 2 | R. Nacional, Tumbes |
| 43) | OAX4R | 9562 | 1 | R. Nacional, Lima: irr. |
| 94) | OBX6B | r9579v | 1 | R. Concordia, Arequipa |
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240) Plaza de Armas s/n, Cutervo (Caj).
241) Cas. 201, Quillabamba (Cuz) — Gte: René Conchal.
242) Jr. Amazonas 355, Nuevo Cajamarca (SM).
243) Quiruvilca (Lib).
244) Zarumilla 620, Cotorumi (Caj).
245) R. Dos de Mayo 361, Celendín (Caj) — DG: Alejandro Díaz Chávez.
246) Jr. Grau 563, Cajabamba (Caj).
247) Huanta (Aya).
248) Jr. Grau 225, Pampas, Tayacaya, Huancavelica — Gte: Guido Barreto Rivera.
249) Fco. Irazola 525, Satipo (Jun) — DG: Isidora Guevara G.
250) Jr. Pumacahua 518, Caraz (Anc).
251) Tarapoto (SM)

252) Calle Progreso, 389, Bellavista, Huallaga (SM).
253) Pacaycasa, San Pedro de Cachi, Huancavelica.
254) Alfredo Vargas 40, Contamana (Lor) — Gte: Layzamón Vargas S.
255) Cas. 24, Huanta (Aya) — Pte: Vicente Saico Tinco.
256) Cutervo (Caj).
257) Ap. 8, Ayaviri (Puno) — DG: José A. Solórzano Mendoza.
258) Cangallo (Aya) — Dir: T. Felipe León Fajardo.
260) Camina Al Cementário, Yungay (Anc).
261) Pasaje Grau Hotel, Uchiza (SM).
262) Mariscal Castilla 439, Jaén (Caj) — DG: Adán Vilchez R.
263) Chota (Caj) — DG: Raul Ribera Burga.
264) Jr. Progreso 160, Pampas, Tayacaya, Huancavelica.
265) San Francisco (Aya).
266) Acobamba, Huancavelica.
267) Santa Cruz (Caj).
268) Cajamarca (Caj) — Dir: Mario Centurión.
269) Tongod (Caj).
270) Bambamarca (Caj).
271) Jaén (Caj).
272) Cogor (Caj).
272x) Cutervo (Caj).
273) Bambamarca (Caj).
274) San Miguel de Pallaques (Caj).
275) San José (Caj).
276) Cajamarca (Caj).
277) Aguilar 744-747, Huanuco — Gte: Jesus A. Santa Cruz Valencia.
278) Nuevo Cajamarca (SM).
279) Chachapoyas (Ama).
280) Moyobamba (SM).
341) Cuzco.
282) Jr. Huayabamba 513, Guayabamba, Prov. Rodríguez de Mendoza (Ama) — DG: José M. Calderón S.
283) Jr. Anaximandre Vega 457, Chota (Caj).
284) Jr. Moyobamba 334, Jepelacio (SM).
286) Huama Sanchas (Aya).
287) Jr. Cutervo 570, Santa Cruz (Caj) — Gte: Sabino Llamó Chaves.
288) Celendín (Caj).
289) Av. Aviación 449, Santa Cruz (Caj) — DG: Leonicio Samame M.
290) Celendín (Caj).
291) Zarumilla 620, Cuatunumi, Santa Cruz (Caj)
292) Moyobamba (SM).
293) Jr. José Galvez 273, Cajamarca (Caj).
294) Juanjui (SM).
295) Jr. Faustino Maldonado 741, Rioja (SM) — Dir: Pedro Rojas Melendez.
296) Rioja (SM).
**V.** SW verifications received in 1983/84 from st's 10), 12), 16), 31), 32), 46), 49), 58), 62), 72), 77), 78), 80), 88), 92), 94), 102), 107), 109), 111), 112), 116), 120), 121), 124), 127), 134), 137), 138), 139), 140), 147), 153), 154), 158), 165), 183), 184), 188), 201), 202), 203), 208), 215), 221), 228), 234), 238), 248), 253), 255), 257), 258), 265), 272x), 277), 278), 282), 283), 284), 287), 289), 292).

## SURINAM

**L.T:** UTC-3½h — **Pr.L:** Dutch, Sranan Tongo, Hindustani.
**E.C:** a/c 60, 110/115/127/220V.

### TELESUR N.V. (Gov. Administration)

**ADDR:** P.O. Box 1839, Paramaribo. **Te:** 73944. **Cable:** Latel. **Telex:** 131.

### STICHTING RADIO OMROEP SURINAME (SRS-Gov, Comm.)

**ADDR:** P.O. Box 271, Paramaribo. **Te:** 98115.
**STATIONS:** 600kHz 10kW — 5005kHz 0.35kW.
**FM:** 96.4MHz 1kW (stereo).
**D.PRGR:** 0700-0400 (Sat 0430, Sun 0300) — **Sranan Tongo:** W 2330-0015 — **Hindustani:** 0830-0930, 1245-1930. Other times in Dutch. **N. in Dutch:** W 1030, 1130, 1230, 1800, 2030, 0015, 0130; Sun 1630, 1930, 0030. **N. in Sranan Tongo:** 0930, 2130 (W).
**ANN:** "Dit is de Stichting Radio Omroep Suriname, de SRS in Paramaribo" — **V.** by QSL-folder or letter. Rec. acc.

### RADIO RANI (Priv. Comm.)

**ADDR:** Waterloo-straat 3, Nieuw Nickerie. **Te:** 31462.
**L.P:** Dir: L. Bissesar.
**STATION:** 914kHz 3kW.
**D.PRGR: in Hindustani, Javanese & Dutch:** 0930-1700, 1930-0100 — **Dutch:** 1300-1330 — **Javanese:** 2130-2300. Other times in Hindustani.
**INT-SIG:** "Surinam hamara pyara desh" sung by G. Kallasing.

### RADIO PARAMARIBO (Comm.)

**ADDR:** P.O. Box 975, Paramaribo. **Te:** 99995.
**L.P:** Dir: R. Pierkhan.
**STATION:** Domburg 1030kHz 5kW. **FM:** 89.7MHz 1.5kW.
**D.PRGR:** 0830-0300 (Fri 0400) — **Hindustani:** W 0845-0930, 1500-1600, 2100 (Fri/Sat 2200)-0100 (Fri 0200, Sat 0300); Sun 0845-1330, 1930-2100. Other times in Dutch. **N. in Dutch:** W 1130, 1845.
**ANN:** "Dit is R.P. International op de 291m AM band en de 89.7MHz FM stereoband".

### RADIO APINTIE (Comm.)

**ADDR:** P.O. Box 595, Paramaribo. **Te:** 97950. **Cable:** Apintie.
**L.P:** Gen. Mgr: E. Vervuurt. St. Mgr: R. Heave. Chief Eng: R. Kowsoleea.
**STATION:** Paramaribo 820kHz 1kW — **FM:** 97.1MHz 1kW. Relayed by 6 low power FM-st's. (0.01kW) on 92MHz.
**HOME SCE:** Sun 0830-0300, Mon/Tues/Sat 0830-0400, Wed-Fri 0830-0600 — **Hindustani:** W 0800-0900, 1900-2100. Other times in Dutch.
**N. in Dutch:** W 1330, 1800, 2230; Sun 2345.
**ANN:** "Hier R. Apintie op AM-FM en FM stereo".
**INT-SIG:** The beat of the Apintie drum.
**V.** by QSL-card.

### RADIO SURINAME INTERNATIONAAL (Gov.)

**ADDR:** Kleine Waterstraat 8, Paramaribo.
**D.PRGR. in Dutch/Sranan Tongo:** Sun 1430-1520, Wed/Fri 1700-1750 beamed to Europe on 17755kHz (via 250kW tr. of R. Bras, Brazil).
**F.PL:** Daily broadcasts.

## URUGUAY

**L.T:** UTC-3h — **Pr.L:** Spanish — **E.C:** a/c 50, 220V (yes).

### ADMINISTRACIÓN NACIONAL DE LOS SERVICIOS DE TELECOMUNICACIONES (ANTEL)

**ADDR:** Fernández Crespo 1534, Montevideo.
**L.P:** Pres: Juan Carlos Reissig; Gte. Gral: Rafael E. Bordabehere.

### CONTROL SERVICIOS RADIOELECTRONICOS

**ADDR:** Sarandi 472, Montevideo

### ASOCIACION NACIONAL DE BROADCASTERS URUGUAYOS (ANDEBU)

**ADDR:** Calle Yi, 1264, Montevideo. **Te:** 900053. **Cable:** Andebu.
**L.P:** Pres: Raúl Fontaina — All st's affiliated exc. 4), 22), 32), 80); All other st's carry "Cadena Andebu" prgr. D 1448-1500.
**STATIONS:** All st's comm. exc. 4) CX6; ° = shortwave, * = inactive.

| | Call | kHz | kW | Name and h. of tr. |
|---|---|---|---|---|
| 1) | CW1 | 550 | 10 | R. Colonia, Colonia: 24h |
| 2) | CX58 | 580 | 1 | R. Clarín, Montevideo: 1030-0300 |
| 3) | CX4 | 610 | 50 | R. Rural, Montevideo: 0900-0230 |
| 4) | CX6 | °650 | 7 | S.O.D.R.E. Montevideo: 0850-0300 |
| 5) | CW27 | 680 | 1 | R. Tabaré, Salto: 0900-0400 (n. 740) |
| 6) | CX8 | 690 | 25 | R. Sarandí, Montevideo: 24h |
| 7) | CX10 | °750 | 15 | R. Continente, Montevideo: 24h (n. 730) |
| 8) | CX12 | °770 | 100 | R. Oriental, Montevideo: 1030-0330 |
| 9) | CX14 | °810 | 50 | R. El Espectador, Montevideo: 0900-0400 |
| 10) | CW23 | 820 | 1/0.5 | R. Cultural, Salto: 0900-0500 |
| 11) | CX16 | °850 | 50 | R. Carve, Montevideo: 0900-0300 |

| | Call | kHz | kW | Name and h. of tr. |
|---|---|---|---|---|
| 9) | CX18 | °890 | 25/10 | R. Sport, Montevideo: 0930-0300 |
| 12) | CW17 | 900 | 0.25 | R. Frontera, Artigas: 24h |
| 8) | CX20 | °930 | 35 | R. Monte Carlo, Montevideo: 24h |
| 13) | CW96 | 960 | 1 | Radio Yi, Duranzo |
| 14) | CX22 | 970 | 10 | R. Universal, Montevideo: 0930-0400 |
| 11) | CX24 | 1010 | 25 | R. El Tiempo, Montevideo: 0930-0330 |
| 4) | CV102 | 1020 | 0.25 | S.O.D.R.E. Aceguá |
| 4) | CX26 | °1050 | 10 | S.O.D.R.E. Montevideo: 0850-0300 |
| 15) | CX28 | 1090 | 15/5 | R. Imparcial, Montevideo: 24h |
| 16) | CW31 | 1120 | 10 | R. Salto, Salto: 1100-0300 |
| 17) | CX30 | °1130 | 10/5 | La Radio, Montevideo: 0800-0600 |
| 18) | CW116 | 1160 | 2.5 | R. Agraria, Cerro Chato: 0930-0230 |
| 19) | CW32 | °1170 | 10/5 | Radiomundo, Montevideo: 24h |
| 4) | CX118 | 1180 | 10/0.25 | S.O.D.R.E. Artigas |
| 20) | CW33 | 1200 | 1 | La Nueva Radio, Florida: 0900-0300 |
| 21) | CX120 | 1200 | 1 | R. Reconquista, Rivera: 0900-0300 |
| 22) | CX121 | 1210 | 1/0.5 | Difusora Soriano, Mercedes: 24h |
| 23) | CV121 | 1210 | 0.25 | R. RBC, Piriápolis: 0900-0400 |
| 24) | CW121 | 1210 | 0.25 | R. Vergara, Villa Vergara: 0830-0300 |
| 25) | CW35 | 1240 | 5/2.5 | R. Paysandú, Paysandú: 0900-0400 |
| 26) | CX36 | 1250 | 5/1.5 | R. "Musica" Centenario, Montevideo: 0900-0300 |
| 27) | CW125 | 1250 | 10 | R. Bella Unión, Bella Unión: 1000-0300 |
| 9) | CW37 | 1260 | 3/1 | Dif. Rochense, Rocha: 1100-0300 |
| 28) | CV127 | 1270 | 1 | R. Cuareim, Artigas: 0900-0300 |
| 4) | CW64 | 1280 | 0.5 | S.O.D.R.E. Termas Arapey |
| 4) | CX38 | °1290 | 3 | S.O.D.R.E. Montevideo: 1600-0300 |
| 4) | CX36 | 1290 | 10 | S.O.D.R.E. Carmelo: 1200-0300 |
| 29) | CV132 | 1320 | 0.25 | R. Battle y Ordañez, Battle y Ordañez (n. 1460) |
| 30) | CW39 | 1320 | 1.5/1 | R. La Voz de Paysandú, Paysandú: 24h |
| 31) | CW132 | 1320 | 0.1 | R. Fortaleza, Rocha: 1100-0300 |
| 32) | CX40 | °1330 | 5 | R. Fenix, Montevideo: 1000-0600 |
| 33) | CW53 | 1340 | 2.5/1 | La Voz de Melo, Melo: 0830-0300 |
| 4) | CV136 | 1360 | 1/0.25 | S.O.D.R.E. Chiflero |
| 34) | CW136 | 1360 | 0.25 | R. Rio Branco, Rio Branco |
| 35) | CW41 | 1360 | 2.5 | Broadcasting San José, San José: 24h |
| 36) | CX42 | 1370 | 2.5 | Emis. Ciudad de Montevideo: 1000-0600 |
| 37) | CV137 | 1370 | 0.5 | R. Real, Minas de Corrales |
| 38) | CW137 | 1370 | 1 | R. San Javier, San Javier: 1000-0100 |
| 39) | CW45 | 1388 | 2.5/1 | Dif. Treinta y Tres |
| 40) | CX49 | 1400 | 25/10 | Radiotelevisión Zorilla de San Martin, Tacuarembó: 0900-0300 |
| 41) | CW141 | 1410 | 1/0.5 | R. Belén, Belén: 1100-0300 |
| 42) | CX44 | 1410 | 5 | R. "Color" Panamericana, Montevideo: 0900-0600; Summer: 24h |
| 43) | CW142 | 1420 | 10 | La Voz de Artigas, Artigas: 1000-0300 |
| 44) | CW43 | 1420 | 5/0.5 | R. Lavalleja, Minas: 1030-0300 |
| 45) | CX142 | 1420 | 0.1 | R. Felicidad, Paysandú: 1000-0300 |
| 46) | CW25 | 1430 | 5/1 | R. Durazno, Durazno: 0900-0400 |
| 47) | CV144 | 1440 | 0.1 | R. Chuy, Chuy |
| 48) | CX144 | v1445 | 5 | R. Rivera, Rivera (n. 1440): 0930-0300 |
| 49) | CX46 | 1450 | 1.5 | R. América, Montevideo: 0900 (Sun 1100)-0300 |
| 4) | CW145 | 1450 | 1/0.25 | S.O.D.R.E. Salto |
| 50) | CX146 | 1460 | 1/0.25 | R. Carmelo, Carmelo: 1000-0300 |
| 29) | CX146 | 1460 | 0.25 | R. José Battle y Ordoñez, José Battle y Ordoñez |
| 51) | CX147 | 1470 | 3 | R. Cristal del Uruguay, Las Piedras: 1000-0300 |
| 52) | CW147 | 1470 | 1/0.25 | R. Tacuarí, Melo: 0900-0400 |
| 4) | CX148 | 1480 | 1/0.7 | S.O.D.R.E. Young |
| 53) | CW148 | 1480 | 3/1 | Emisora Atlantica, Castillos |
| 54) | CW43B | 1480 | 5<br>0.75 | R. Internacional, Rivera: 0930-0300 (Sat 0500) |
| 55) | CX149 | 1490 | 5/1 | R. del Oeste, Nueva Helvecia: 0900-0300 |
| 4) | CV149 | 1490 | 1/0.25 | S.O.D.R.E. Baltazar Brum |
| 56) | CX151 | 1510 | 0.25 | R. Rincón, Fray Bentos: 1000-0300 |
| 57) | CW57 | 1510 | 0.25 | R. San Carlos, San Carlos: 0930-0300 |
| 58) | CW151 | v1510 | 0.25 | R. Ibirapitá, San Gregorio de Polanco: 1030-0130 |
| 59) | CX152 | 1520 | 2 | R. Cerro Largo, Melo: 0925-0300 |
| 60) | CV152 | 1520 | 0.1 | R. Guichón, Guichón: 1000-0100 |
| 61) | CX50 | v1530 | 1.2/<br>0.25 | R. Independencia, Montevideo: 0900-0600 (Sun 1100-0300) |
| 62) | CW153 | 1530 | 0.25 | Emisora Cono Sur, Nueva Palmira |
| 63) | CW154 | 1540 | 0.1 | R. Charruá, Paysandú: 1000-0300 |
| 64) | CX154 | 1540 | 0.25 | R. Olimar, Treinta y Tres: 0830-0300 |
| 65) | CV154 | 1540 | 0.1 | R. Centro, Cardona: 0900-0200 |
| 66) | CV155 | 1550 | 1/0.25 | R. Agraciada, Mercedes: 0900-0400 |
| 67) | CW155 | 1550 | 0.25 | R. Sarandí del Yí, Sarandí del Yí |
| 68) | CW51 | 1560 | 2 | R. Maldonado, Maldonado: 0930-0400 |
| 69) | CX156 | 1560 | 0.1 | Dif. Americana, Trinidad: 0930-0130 |
| 70) | CV156 | 1560 | 1/0.25 | R. Vichadero: 1100-0200 |
| 71) | CW157 | 1570 | 0.1 | R. Young, Young: 0900-0300 |
| 4) | CW157A | 1570 | 0.5 | S.O.D.R.E. Tomás Gomensoro |
| 72) | CX157 | 1570 | 1 | R. Canelones: 1055-0200 |
| 4) | CX158 | 1580 | 0.5 | S.O.D.R.E. Tranqueras |
| 4) | CV158 | 1580 | 0.25 | S.O.D.R.E. Pororó |
| 73) | CW54 | 1580 | 0.5 | Emisoras del Este, Minas: 1000-0300 |
| 74) | CW158 | 1580 | 0.25 | R. San Salvador, Dolores: 0900-0300 |
| 75) | CW159 | 1590 | 0.25 | R. Regional, Lascano: 0900-0300 |
| 76) | CV159 | 1590 | 0.15 | R. Regional, Constitución: 1000-0200 |
| 77) | CX159 | 1590 | 3 | R. Real, Colonia: 0900-0300 |
| 78) | CX159A | 1590 | 0.1 | R. Paso de los Toros, Paso de los Toros: 1100-0200 |
| 79) | CV160 | 1600 | 1/0.5 | Emisora Continental, Pando: 1000-0300 |
| 80) | CX160 | 1600 | 0.5 | R. Litoral, Fray Bentos: 1000-0200 |
| 81) | CW160 | v1600 | 0.25 | R. Tacuarembó, Tacuarembó |

**Shortwaves:** Call CX—

**Location:** Montevideo exc. where indicated.

| | | | | |
|---|---|---|---|---|
| 16) | A30 | v6035 | 1 | La Radio, Montevideo: 1300-0500 (r6034) |
| 9) | A61 | 6045 | 1 | R. Sport/R. El Espectador: 0930-0300 |
| 8) | A20 | 6140 | 1.5 | R. Monte Carlo: 1630-0500v |
| 8) | A72 | 9595 | 1.5 | R. Monte Carlo: 1630-0500v |
| 3) | A6 | 9620 | 2 | S.O.D.R.E: 0900-0300 |
| 8) | A7 | 11735 | 1.5 | R. Oriental: 1030-1630v |
| 9) | A19 | 11835 | 5 | R. El Espectador: 0900-0400 |

**Addresses and other information:**

1) Rivadavia 383, Colonia — Dir: Tabaré Grazioso.
2) Av. 18 de Julio 1516, Montevideo — Gte: F.D. Toureilles.
3) Colonia 2212, Montevideo — Dir: Hugo A.S. Gari.
4) Mercedes 823, Montevideo — Dir: Jaime Bravo.
5) Uruguay 654, Salto — Gte: Carlos A. Gelpi.
6) Corporación Publicidad S.A, Enriqueta Compte y Rique 1250, Montevideo — Dir: Jorge Nelson Mullins S.
7) Calle German Barbato 1472, Montevideo — Dir: Heber Pinto.
8) Calle 18 de Julio 1224, Montevideo — DG: Daniel Romay S.
9) Difusoras del Uruguay S.A, Soriano 1287, Montevideo — Pres: Edmundo D. Dupetit. CX14: Dir: Washington Villar. CX18: Dir. Roberto Lopez Baroffio. CW37: 25 de Agosto 108, Rocha — Dir: Nestor San Martín.
10) Est. Lavalleja 48, Salto — Dir: Ramón J. Vinci.
11) Mercedes 973, Montevideo — Dir: Alejandro R. Fontaina O.
12) Av. Lecueder 421, Artigas — Dir: Basilio Borgato.

13) Zorilla de San Martín 875, Durazno — Dir: T.B. Rodriguez C.
14) Av. 18 de Julio, 1220, 2° piso, Montevideo — Gte: Elías Regules Maghieri.
15) Av. Libertador Brg. Gral. Lavalleja 1708, Montevideo — Dir: Joaquín J. Figueira.
16) Brasil 715, Salto — Gte: Enrique Pera Erro.
17) O.R.O. S.A, Plaza Independencia 846, Montevideo — Dir: León Svirsky.
18) Dr. Luis A. de Herrera s/n, Cerro Chato, Florida — Dir: Arnol Franco.
19) Compañia Uruguaya de Publicidad S.A, Colonia 1280, Montevideo — Dir: Pablo Lecueder.
20) Antonio Ma. Fernández 800, Florida — Dir: Waldemar Pastorini Caula.
21) Mons. Vera 1170, Rivera — DG: Ever Viera.
22) De Castro y Careaga 568, Mercedes, Soriano — DG: Miguel M. Racioppi.
23) Sanabria 938, Piriápolis, Maldonado — Dir: Carlos Repetto Fitipaldi.
24) Villa Vergara, Treinta y Tres — DG: Geraldo Alzugaray.
25) 18 de Julio 1044, Paysandú — DG: Aldo Rubens Bayce.
26) 18 de Julio 1357, Montevideo — Dir: Humberto Collingridge.
27) Enrique Ferreira 1550, Bella Unión, Artigas — Dir: Luis Murillo Muraro.
28) Av. Lecueder 244, Artigas — Dir: José H. Meirelles Zabalegui.
29) Cno. Nacional s/n, Battle y Ordañez, Lavalleja — Dir: Elbio Erazú Patrón.
30) 18 de Julio 614, Paysandú — Dir: E. Estefanell.
31) Zorilla de S. Martin 200, Rocha — Dir: Homero Casals O.
32) Canelones 1969, Montevideo — Dir: Miguel M. Racioppi.
33) Rua Remigo Castellanos 721, Melo, Cerro Largo — Dir: Eduardo Kelvin Souza.
34) Virrey Arredondo s/n, Rio Branco, Cerro Largo — Dir: Ruben D. Lucas.
35) Treinta y Tres 890, San José — Dir: Miguel A. Squilla.
36) Calle Charrua 2024, Montevideo — Dir: Aramazd Yizmeyián.
37) Av. Davinson 320, Minas de Corales, Rivera — Dir: R.E. Andina.
38) San Javier, Rio Negro — Dir: Daniel M. Jajulin.
39) Oablo Zufriátegui 226, Treinta y Tres — Dir: A. Pinho.
40) 18 de Julio 302/310, Tacuarembo — Dir: Luis S. Dini B.
41) Calle Solis s/n, Belén, Salto — Dir: Juan C. Arredondo.
42) 18 de Julio 965, Montevideo — Dir: Arnaud Garra.
43) Av. Lecueder 291, Artigas — Dir: Luis Murillo Muraro.
44) José E. Rodó 530, Minas, Lavalleja — Dir: Ernesto Volante.
45) Calle 18 de Julio 817, Paysandú — Gte: Nery R. Cabillon.
46) Dr. E. Penza 805, Durazno — Dir: J.C. Stajano Wilson.
47) Laguna de los Patos s/n, Chuy, Rocha — Gte: A. Francois.
48) Florencio Sanchez 1093, Rivera — Dir: D'artagnant L. Pedezert.
49) Plaza Independencia 846, Montevideo — Dir: León Svirsky.
50) Playa Seré, Carmelo, Colonia — Dir: Ulises Lobecio P.
51) Av. Artigas 781, esq. Treinta y Tres, Las Piedras, Canelones — Dir. Gen: Julio O. Cabrera.
52) Gral. Artigas 623, Melo, Cerro Largo — Own: Myriam G. Suarez R.
53) Ferrer 1404, Castillos, Rocha — Dir: Julio Gómez T.
54) Av. Sarandí 792, Rivera — Dir: Victor V. Viviani.
55) Calle Berna 1375, Nueva Helvecia, Colonia — Dir: Mario A. Rayazzani.
56) Av. Trienta y Tres 3223, Fray Bentos, Rio Negro — DG: Omar Donato B.
57) Sarandí 775, San Carlos, Maldonado — Dir: Enrique Lamaison.
58) Av. Gral Artigas 145, San Gregorio de Polanco, Tacuarembó — Dir: Luis A. Gancio Mora.
59) Edif. Torre Juana de América, Calles Herrera y Saravia, Melo, Cerro Largo — Dir: Mario Barrios Viana.
60) Trabajo 360, Guichón, Paysandú.
61) Paysandú 1186, Montevideo — Gte: Antonio Rupenian.
62) Chile esq. Gral. Artigas, Nueva Palmira, Colonia.
63) Leandro Gómez 1089, Paysandú — Dir: Lucio F. Francolino.
64) Manuel Freire 586, Treinta y Tres — Dir: Antonio U. Alfaro.
65) Suárez y Ferrara, Cardona, Soriano — Dir: Artemio Martínez D.
66) E. José Rodó 781, Mercedes, Soriano — Dir: Nestor Grana.
67) Ituzaingó 515, Sarandí del Yi, Durazno — Dir: Arnol Franco.
68) Isla de Gorriti 819, Maldonado — Dir: Enrique Lamaison N.
69) 25 de Agosto 724, Trinidad, Flores — DG: René E. Bidondo.
70) Kennedy s/n, Vichardero, Rivera — Dir: José E. Mariño.
71) Rincón 1689, Young, Rio Negro — Dir: Gerardo Arévalo.
72) José E. Rodo 328, Canelones — Dir: Walther Espiga.
73) Treinta y Tres 632, Minas, Lavalleja — Dir: Carlos Falco.
74) Av. Acencio 1521, Dolores, Soriano — DG: Luis O. Andrioco Sasso.
75) Ituzaingó 1170, Lascano, Rocha — Dir: Adauto Alvaro Punales Lascano.
76) Artigas 120, Constitución, Salto — Gte: Carlos A. Gelpi.
77) Av. Gral. Flores 468, Colonia — Gte: Nester R. Vepo.
78) 18 de Julio 743, Paso de los Toros, Tacuarembó — Dir: Nelson Gómez Bermudez.
79) 18 de Julio 933, Pando, Canelones — Dir: Luis Mario Melide.
80) 18 de Julio, Fray Bentos, Rio Negro — Dir: Miguel M. Racioppi.
81) Ituzaingó 246, Tacuarembó — Dir: A. Pandolfi.
**V:** SW verifications received from st's 3), 9), 16).

# VENEZUELA

**L.T:** UTC-4h — **Pr.L:** Spanish.
**E.C:** a/c 50 + 60, 120/240V (yes).

## MINISTERIO DE COMUNICACIONES

**ADDR:** Dirección de Telecomunicaciones, División de Radiodifusión, Esq. Carmeliteas, Edif. Ramia, Caracas. **Cable:** Diteleco.
**L.P:** Dir. of Telecommunications: F. Pérez Zambrano. Dir. Gral. Sectorial de Comunicaciones: Luis Leañez Lugo.

## CAMARA VENEZOLANA DE LA INDUSTRIA DE RADIODIFUSIÓN

**ADDR:** Ap. 3955, Caracas. **Cable:** Camradio.

**STATIONS:** All st's comm. exc. 11) (Gov) and 1), 4), 85), 131) (Cult), 156), (Gov.) H. of tr: 1000-0400 exc. where indicated.

**Mediumwaves:** Call YV — °) shortwave; v = varying fq. *) inactive.

| | Call | kHz | kW | Name, location and h. of tr. |
|---|---|---|---|---|
| 1) | UR | 540 | 25 | La Voz Codesur, S. Juan de Manapiare |
| 2) | OV | 540 | 100 | R. Perijá, Villa del Rosario: 24h |
| 3) | KE | °550 | 100 | R. Mundial, Caracas: 24h |
| 4) | JA | v560 | 5 | R. Dif. del Ejecutivo del Edo. Apure, San Fernando de Apure |
| 5) | LX | °570 | 100 | R. Rumbos, Villa de Cura: 0900-0500 |
| 6) | MJ | °580 | 50 | La Voz de la Fé, Maracaibo |
| 7) | KL | °590 | 50 | R. Continente, Caracas: 0900-0500 |
| 8) | QB | °600 | 10 | R. Sucre, Cumaná: 0900-0400 |
| 9) | SE | 610 | 10 | R. Cristal, Barquisimeto |
| 10) | NO | °620 | 10 | R. Libertad, Cabimas 0900-0400 |
| 4) | JA | r625 | 5 | R. Dif. del Ejecutivo del Edo. Apure, San Fernando de Apure |
| 11) | KA | °630 | 10 | R. Nacional, Caracas |
| 11) | SL | 630 | 10 | R. Nacional, San Cristóbal |
| 12) | QO | 640 | 50 | Ondas Porteñas, Puerto La Cruz: 24h |
| 13) | LH | 650 | 50 | R. Visión, Maracay |
| 14) | NA | 660 | 10 | Ondas de los Médanos, Coro |
| 5) | LL | °670 | 100 | R. Rumbos, Caracas: 0900-0500 |
| 15) | QR | 680 | 10 | R. Cumaná, Cumaná |
| 9) | MR | °690 | 50 | R. Barquisimeto, Barquisimeto |
| 16) | MH | 700 | 10 | R. Popular, Maracaibo |
| 17) | KY | °710 | 50 | R. Capital, Caracas: 1000-0600 |
| 18) | QL | 720 | 100 | R. Visión Oriente, Porlamar |
| 9) | MT | °730 | 10 | R. Universo, Barquisimeto |
| 19) | NC | °740 | 10 | R. Maracaibo, Maracaibo: 0900-0400 |
| 20) | KS | 750 | 100 | R. Caracas, Caracas: 24h |
| 21) | QQ | 760 | 10 | R. Puerto La Cruz: 0955-0300 |
| 11) | KK | 770 | 50 | R. Nacional, Valencia |
| 22) | OD | °780 | 50 | Ecos del Torbes, San Cristóbal: 0900-0400 |
| 23) | KC | 790 | 10 | R. Dif. Venezuela, "La Est. de la Alegría", Caracas |
| 24) | TB | 800 | 100 | R. Exitos de Maracaibo: 24h |
| 25) | LP | 810 | 10 | R. Visión 810, Valencia |
| 26) | SH | 820 | 15 | R. Guayana, Upata: 0900-0400 |
| 27) | LT | °830 | 50 | R. Sensación, S. Antonio de los Altos: 0900-0500 |
| 9) | MY | °840 | 10 | R. Juventud, Barquisimeto |
| 28) | LD | °850 | 10 | R. Impacto, Valencia |

| | Call | kHz | kW | Name, location and h. of tr. |
|---|---|---|---|---|
| 29) | OL | 860 | 10 | R. Visión 860, San Cristóbal |
| 9) | MP | °870 | 10 | R. Lara, Barquisimeto: 0958-0400 |
| 23) | KU | 880 | 10 | R. Libertador, Caracas |
| 31) | LW | 890 | 10 | R. América, Valencia: 0900-0400 |
| 32) | MD | °900 | 10 | R. Mara, Maracaibo |
| 33) | RQ | 910 | 20 | R. Centro, Maiquetía: 24h |
| 34) | QX | °920 | 10 | R. Nueva Esparta, Porlamar: 1000-0355 |
| 35) | LJ | 930 | 10 | R. Maracay, Maracay: 1000-0600 |
| 36) | NW | 940 | 10 | R. Punto Fijo, Punto Fijo: 24h |
| 37) | KG | 950 | 100 | R. Visión, Caracas: 24h |
| 38) | RB | °960 | 10 | R. Monagas, Maturín |
| 39) | SR | °960 | 20 | R. Mundial 960, San Cristóbal |
| 40) | LR | 970 | 10 | R. Central Maracay: 0900-0400 |
| 41) | SD | °970 | 10 | R. Turismo, Valera |
| 42) | QM | °980 | 10 | La Voz de El Tigre, El Tigre: 1000-0300 |
| 43) | RT | °990 | 10 | R. Tropical "9-90", Caracas |
| 44) | TA | °990 | 10 | R. Mundial Tricolor, Barquisimeto: 24h |
| 45) | OA | °1000 | 10 | R. Táchira, San Cristóbal: 24h |
| 46) | NM | 1000 | 10 | R. Mundial Mil, Morón: 24h |
| 47) | PC | 1010 | 10 | R. Aragua, Cagua |
| 48) | QE | °1010 | 10 | R. Mundial Bolívar, Cd. Bolívar: 0900-0400 |
| 49) | MX | °1020 | 10 | R. Calendario, Maracaibo: 24h |
| 50) | RS | 1020 | 10 | R. Mundial Margarita, La Asunción: 0955-0500 |
| 51) | TD | °1030 | 10 | R. Valles del Tuy, Ocumare del Tuy: 1000-0300 |
| 52) | QY | 1030 | 10 | R. Onda, Guanare: 0830-0400 |
| 53) | ON | °1040 | 10 | R. 1060, Mérida: 1030-0230 |
| 54) | LB | °1040 | 10 | La Voz de Carabobo, Valencia: 0900-0400 |
| 11) | KZ | 1050 | 10 | R. Nacional, Caracas |
| 55) | NQ | v1050 | 10 | R. Mundial Caroní, Pto. Ordaz: 24h |
| 56) | LN | 1060 | 1 | R. Guarico, San Juan de los Morros: 1030-0330 |
| 57) | DE | 1060 | 10 | R. San Cristóbal, San Cristóbal |
| 58) | KW | 1070 | 1 | R. Mil Setenta, La Guaira |
| 59) | MA | 1070 | 10 | R. Mundial Zulia, Maracaibo: 24h |
| 60) | NR | 1080 | 10 | R. Mundial 1080, Maracay |
| 61) | QJ | °1080 | 10 | R. Barcelona, Barcelona |
| 62) | PB | °1090 | 10 | R. Yaracuy, San Felipe |
| 63) | SZ | 1090 | 20 | R. Exitos Mil Noventa, Caracas: 24h |
| 64) | TG | 1090 | 5 | R. Visión Machiques, Machiques |
| 65) | OP | °1100 | 15 | R. Occidente, Tovar: 1000-0400 |
| 66) | SW | °1100 | 10 | R. Angostura, Cd. Bolívar: 0900-0430 |
| 67) | QT | 1110 | 10 | R. Carúpano, Carúpano |
| 68) | RX | 1110 | 10 | R. Mía, Valencia: 24h |
| 69) | MF | 1120 | 10 | R. Superondas, Maracaibo: 0900-0500 |
| 11) | PN | 1120 | 10 | R. Nal. los Llanos, San Fernando de Apure |
| 70) | ZX | r1120 | 5 | R. República "La Estación Felize", Maturin (n. 1310) |
| 71) | JR | 1130 | 10 | R. Melodia, Barquisimeto: 0930-0400 |
| 72) | RL | °1130 | 20 | R. Ideal, Caraballeda |
| 73) | PY | 1130 | 1 | R. Amazonas, Puerto Ayacucho: 1100-0200 |
| 74) | MU | °1140 | 10 | R. Carora, "YVMU Musical", Carora: 24h |
| 75) | OO | °1140 | 10 | R. Frontera, San Antonio |
| 76) | MM | 1150 | 20 | R. Mundial Caribe, Punto Fijo: 24h |
| 77) | QD | 1150 | 10 | Ecos del Orinoco, Cd. Bolívar: 1000-0300 |
| 78) | OK | °1160 | 10 | R. Universidad, Mérida |
| 79) | RR | 1160 | 20 | R. Industrial, Guarenas |
| 80) | QV | 1170 | 20 | R. Acarigua, Acarigua |
| 81) | PX | 1170 | 10 | R. El Sol, La Fría |
| 82) | OR | °1180 | 10 | R. Maturín, Maturín: 0900-0400 |
| 83) | NJ | °1180 | 10 | R. Petrolera, Cd. Ojeda: 0900-0700 |
| 84) | RE | 1190 | 25 | R. Barinas, Barinas |
| 85) | ZD | 1190 | 25 | R. Dif. Cultural del Tachira, San Cristóbal: 24h |
| 33) | OZ | °1200 | 10 | R. Tiempo, Caracas: 24h |
| 86) | WA | 1200 | 10 | Ondas del Escalante, Sta. Bárbara del Zulia: 1000-0300 |
| 87) | MN | v°1210 | 10 | R. Coro, Coro |
| 88) | QZ | °1210 | 10 | R. Anzoátegui, Barcelona |
| 89) | RD | °1220 | 10 | La Voz de Apure, San Fernando de Apure |
| 90) | TU | 1220 | 10 | R. Aeropuerto Internacional, Maracaibo: 24h |
| 91) | NT | v1230 | 10 | R. Barlovento, "1230 Musical" Caucagua |
| 92) | OH | °1230 | 10 | R. Valera, Valera: 0900-0400 |
| 11) | — | r1240 | 1000 | La Voz de Venezuela, Paraguana Fallon: 0100-0200, 0300-0400, 1100-1200, 1800-1900 |
| 94) | LQ | 1240 | 10 | La Voz de la Victoria |
| 95) | SF | 1240 | 10 | R. Dimensión, Caripito: 1000-0300 |
| 96) | PZ | 1250 | 10 | R. Puerto Ordaz: 0900-0400 |
| 97) | ML | 1250 | 1 | R. Cabimas, Cabimas: 1000-0300 |
| 98) | RM | 1260 | 10 | R. Impacto, Caracas: 0900-0400 |
| 99) | RY | 1260 | 1 | R. Horizonte, Nirgua: 1100-0200 |
| 100) | OU | °1270 | 1 | Ondas Panamericanas, El Vigía |
| 101) | TR | 1270 | 1 | R. Tucupita, Tucupita |
| 102) | OF | °1280 | 20 | R. Trujillo, Trujillo |
| 103) | QS | °1280 | 1 | R. Zaraza, El Tamarindo: 1000-0500 |
| 104) | LF | °1290 | 10 | R. Puerto Cabello, Puerto Cabello |
| 105) | PF | 1290 | 10 | R. Canaima, San Félix: 0900-0300 (r.1190) |
| 106) | KH | 1300 | 10 | R. Estudio Trece, Petare |
| 107) | MS | 1300 | 20 | R. Reloj, Maracaibo |
| 108) | SA | 1310 | 1 | R. Centro, Tinaquillo |
| 109) | TS | 1310 | 5 | R. Visión Andina, Isnotú |
| 11) | — | 1310 | 1 | R. Nacional, Barcelona: 24h |
| 110) | ZR | 1320 | 10 | R. Continental, Barinas: 1100-0500 |
| 111) | WP | 1320 | 1 | R. Apolo, Tumero |
| 112) | SG | 1320 | 10 | R. Colonial "Canal 13", El Tocuyo |
| 113) | OY | 1330 | 5 | R. Los Llanos, Calabozo: 0900-0300 |
| 114) | PJ | 1330 | 1 | R. Rubio, Rubio: 1000-0300 |
| 115) | TV | 1330 | 5 | R. Visión Regional, Ciudad Ojeda |
| 116) | QU | 1340 | 1 | R. San Carlos, San Carlos: 0955-0300 |
| 117) | ME | 1340 | 5 | R. Uno Petare: 1000-0600 |
| 118) | FO | 1350 | 5 | R. Primera, Trujillo |
| 119) | ZZ | 1350 | 10 | R. Guanipa, "La Cariñosa", El Tigrito: 0900-0400 |
| 120) | TL | 1350 | 5 | R. Visión, Sur del Lago, Caja Seca |
| 121) | TJ | 1350 | 5 | Radiovisión Falcón, Puerto Cumarebo |
| 122) | TI | 1360 | 10 | Catatumbo Internacional, Maracaibo: 24h |
| 123) | TZ | °1360 | 10 | R. Armónia, Charallave: 1000-0300 |
| 124) | TW | 1360 | 10 | R. Alegría, Chivacoa: 1000-0300 |
| 125) | LO | °1370 | 5 | R. La Pascua, Valle de la Pascua: 1000-0300 |
| 126) | JI | 1370 | 5 | R. Cumbre, Mérida |
| 127) | SV | 1370 | 5 | R. Portuguesa, Araure |
| 128) | JC | 1380 | 5 | R. Fantasia, Soledad |
| 129) | JD | 1380 | 5 | Ondas del Mar, Puerto Cabello |
| 6) | ZC | 1390 | 1 | R. Selecta, Maracaibo: 1100-0100 |
| 130) | TT | 1390 | 5 | R. Vision Lara, Cabudare |
| 131) | ZA | 1390 | 10 | R. Fé y Alegría, Caracas: 1000-0300 |
| 132) | JB | 1400 | 20 | R. Sabana, El Sombrero: 1000-0300 |
| 133) | ZI | 1400 | 10 | R. 1400 Mundial, Barinas |
| 134) | ZT | 1400 | 5 | R. Anaco, Anaco: 1000-0300 |
| 135) | NY | *1410 | 1 | R. Guíria Internacional, Guíria |
| 136) | SP | 1410 | 10 | R. Simpatía, Valera |
| 137) | ST | 1410 | 5 | R. Clarin, Turén |
| 138) | — | 1420 | 1 | R. Bahia, Barcelona |
| 139) | ZO | 1420 | 5 | R. Visión Marabina, Maracaibo: 0900-0300 |
| 140) | RW | 1420 | 1 | R. Cardenal, Carora: 1030-0400 |
| 141) | JA | 1430 | 10 | R. Satélite, Guacara: 1000-0600 |
| 142) | IT | 1430 | 10 | R. Altura, La Grita |
| 143) | SN | 1430 | 5 | R. Caicara, Caicara del Orinoco |
| 144) | FR | 1440 | 10 | R. Orituco, Altagracia del Orituco |
| 145) | TY | °1440 | 10 | R. Sucesos, Táriba: 0955-0400 |
| 146) | ZI | 1440 | 5 | R. Estelar, Guanare: 1000-0300 |
| 147) | ZQ | 1450 | 5 | Radiovision Alegre, Puertos de Altagracia |
| 148) | JJ | 1450 | 5 | R. Landa, "Canal Marino" Catia la Mar |
| 149) | — | 1450 | 10 | R. Alto Llano, Santa Bárbara de Barinas |
| 150) | RJ | °1460 | 10 | R. Jardin, Bocono |
| 151) | JW | 1470 | 10 | R. Latina, Valencia: 24h |
| 152) | FG | 1470 | 10 | R. Viberación, Carupano |

| | Call | kHz | kW | Name, location and h. of tr. |
|---|---|---|---|---|
| 153) | LU | 1480 | 20 | R. Fé y Alegría, Campo Meta: 1000-0100 |
| 154) | SQ | 1490 | 2.5 | R. Mérida, Mérida: 24h |
| 155) | — | r1490 | | R. El Sol, Maracaibo: 24h |
| 156) | NZ | 1500 | 100 | R. Dos Mil, Cumaná |
| 157) | ZB | 1500 | 10 | R. Nal. de Venezuela, Barquisimeto: 24h |
| 158) | — | 1500 | 0.25 | R. Universidad, Caracas |
| 159) | IC | 1520 | 10 | R. Bonita, La Guapa, Guatire: 0930-0400 |
| 160) | — | 1530 | — | R. Sur, Pto. Ordaz |
| 161) | NP | 1530 | 10 | R. San Felipe, San Felipe: 1000-0500 |
| 162) | MM | 1550 | 10 | R. Metropolitana, Los Teques: 1200-2400 |
| 163) | — | 1560 | 5 | R. Mar, Pto. La Cruz |
| 164) | — | 1560 | 1 | Exito 1560, Mérida |
| 165) | — | 1570 | 10 | R. Guatire, Guatire |
| 166) | — | 1570 | 1 | R. Guarapiche, Maturín: 24h |

**Shortwaves:**

| | Call | kHz | kW | Name and h. of tr. |
|---|---|---|---|---|
| 34) | PL | 2340 | 1 | R. Nueva Esparta, Porlamar: 1000-0355 |
| 21) | QP | 2370 | 1 | R. Pto. La Cruz: 0955-0300 |
| 100) | ZV | 3215 | 1 | Ondas Panamericanas, El Vigía |
| 65) | TC | 3225 | 1 | R. Occidente Tovar: 1000-0400 |
| 30) | KT | 3245 | 1 | R. Libertador, Caracas: 0955-0400 |
| 42) | QL | 3255 | 1 | R. 980 "Novecientos Ochenta"/ La Voz de El Tigre: 1000-0300 |
| 32) | MC | 3275 | 1 | R. Mara, Maracaibo |
| 104) | LE | 3285 | 1 | R. Puerto Cabello: 1000-0400 |
| 102) | OG | 3295 | 1 | R. Trujillo: 0955-0300 |
| 38) | RA | 3325 | 5 | R. Monagas, Maturín |
| 28) | LC | 3355 | 1 | R. Impacto, Valencia |
| 6) | MI | r3375 | 3 | La Voz de la Fé, Maracaibo |
| 61) | QI | 3385 | 1 | R. Barcelona: 2100-0400 |
| 78) | QJ | 3395 | 1 | R. Universidad, Mérida: 1100-0400 |
| 75) | PP | 4760 | 1 | R. Frontera, San Antonio: 1000-0300 |
| 48) | NW | 4770 | 1 | R. Mundial Bolivar, Cd. Bolivar: 0900-0400 |
| 54) | LA | 4780 | 1 | La Voz de Carabobo, Valencia: 0900 (Sun 1000)-0400 |
| 9) | MO | 4800 | 10 | R. Lara, Barquisimeto: 1000-0400 |
| 16) | MG | 4810 | 2 | R. Popular, Maracaibo: 0955-0400 |
| 89) | RC | v4820 | 1 | La Voz de Apure |
| 44) | WJ | 4820 | 1 | R. Mundial Tricolor, Barquisimeto |
| 45) | OB | 4830 | 1 | R. Táchira, San Cristóbal: 0900-1300, 2100-0400 |
| 92) | OI | 4840 | 1 | R. Valera: 0900-0400 |
| 17) | KX | 4850 | 1 | R. Capital, Caracas: 1000-0500 |
| 19) | QE | 4860 | 10 | R. Maracaibo, Maracaibo: 0900-0500 |
| 43) | KP | 4870 | 2 | R. Tropical "La Pantera", Caracas |
| 9) | MS | 4880 | 10 | R. Universo, Barquisimeto |
| 9) | NK | 4900 | 10 | R. Juventud, Barquisimeto: 1000-0400 |
| 74) | NI | v4910 | 1 | R. Carora, Carora: 24h |
| 6) | MI | 4930 | 3 | La Voz de la Fé, Maracaibo |
| 29) | OT | 4930 | 1 | Radiovision 860, San Cristóbal |
| 62) | PA | 4940 | 10 | R. Yaracuy, San Felipe: 1000-0400 |
| 87) | NM | 4950 | 1 | R. Coro, Coro |
| 8) | AO | v4960 | 1 | R. Sucre, Cumaná: 1000-0400 |
| 5) | LK | 4970 | 10 | R. Rumbos, Villa de Cura: 0900-0500 (Sun 1000-0400) |
| 22) | OC | 4980 | 10 | Ecos del Torbes, San Cristóbal: 0900 (Sun 1000)-0400 |
| 9) | MQ | 4990 | 15 | R. Barquisimeto: 1000-0400 |
| 11) | MK | 5020 | 1 | R. Nacional, Caracas |
| 7) | KM | 5030 | 15 | R. Continente, Caracas |
| 82) | QH | 5040 | 1 | R. Maturín: 0900-0400 |
| 3) | KD | 5050 | 2 | R. Mundial, Caracas: 1000-0500 |
| 72) | RK | *5060 | 1 | R. Ideal, Caraballeda: 1000-0400 |
| 59) | KD | 5070 | 10 | R. Mundial Zulia, Maracaibo |
| 27) | NL | v6000 | 5 | R. Sensación, S. Antonio de los Altos: 0900-0500 |
| 53) | SB | 6010 | 1 | R. Los Andes, "R. Mil Cuarenta", Mérida |
| 88) | WK | 6020 | 1 | R. Anzoatégui, Barcelona |
| 39) | SR | 6070 | 10 | R. Mundial, San Cristóbal: 0950-0400 |
| 103) | QV | 6080 | 1 | R. Zaraza, El Tamarindo |
| 149) | RJ | 6090 | 1 | R. Jardin, Boconó |
| 125) | PK | 6090 | 5 | R. Dif. la Pascua, Valle de la Pascua |
| 66) | SX | 6120 | 1 | R. Angostura, Cd. Bolivar: 0900-0430 |
| 51) | TE | 6130 | 1 | R. Valles del Tuy, Ocumare del Tuy |
| 83) | WF | 6140 | 1 | R. Petrolera, Cd. Ojeda |
| 123) | NX | 6150 | 2 | R. Armónia, Charallave: 24h |
| 11) | KO | 6170 | 20 | R. Nacional, Caracas: 1900-2350 |
| 41) | SD | 6180 | 1 | R. Turismo, Valera: 1055-0400 |
| 22) | PC | 6190 | 1 | Ecos del Torbes, San Cristóbal: 1100-2100 |
| 9) | — | 9510 | 10 | R. Barquisimeto "Internacional" |
| 49) | MZ | 9530 | 2 | R. Calendario/R. Mara, Maracaibo: irr. |
| 11) | — | 9540 | 50 | R. Nal. de Venezuela, 1100-1200, 1400-1500, 1800-1900 0100-0200, 0300-0400 |
| 11) | — | 9555 | 50 | R. Nacional, El Campo de Carabobo: 0100-0200, 0300-0400 |
| 57) | — | 9570 | 1 | R. San Cristobal |
| 10) | — | 9590 | 10 | R. Libertad, Cabimas: 0900-0400 |
| 122) | — | r9620 | 1 | Catatumbo Internacional, Maracaibo |
| 11) | — | r9640 | 20 | R. Nacional, Caracas |
| 5) | LM | 9660 | 10 | R. Rumbos, Caracas: 0855-0500 |
| 145) | TH | 9700 | 5 | R. Sucesos, Táriba: 0955-0400 |
| 65) | OS | 9750 | 1 | R. Occidente, Tovar: 1000-0400 |
| 11) | — | 11695 | 50 | R. Nacional, El Campo de Carabobo: 1100-1200, 1800-1900, 0300-0400 |
| 11) | RQ | 15400 | 30 | R. Nacional, Caracas: 1900-2350 |

**State abbreviations** (Estados): Anz = Anzoátegui; Apu = Apure; Ara = Aragua; Bar = Barinas; Bol = Bolívar; Car = Carabobo; Coj = Cojedes; Fal = Falcón; Gua = Guárico; Lar = Lara; Mer = Mérida; Mir = Miranda; Mon = Monagas; Nes = Nueva Esparta; Por = Portuguesa; Suc = Sucre; Tach = Táchira; Tru = Trujillo; Yar = Yaracuy; Zul = Zulia.
**Federal territories:** Ama = Amazonas; DAm = Delta Amacuro.
**N.B:** These abbreviations are not officially recognised by the Venezuelan P.O. Letters should therefore carry full name.

**Addresses and other information:**

**Cadena Radiofonica Nacional,** Ap. 1684, Caracas 101.
**L.P:** Pres: Nelson E. Belfort Y.

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**L.P:** Pres: Miguel Raymondi Bello.

**Circuito Nal. Rumbos,** Ap. 2618, Caracas 101.
**L.P:** Dir: Andres Serrano T.

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**L.P:** DG: Luis Turmero.

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**L.P:** Gte. Gral: Héctor Requena Castillo.

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**L.P:** DG: Máximo Flores Velázquez.

**Corporacion Radiofónica Limitada Soball,** Edif. Pacairigua, piso 15, Av. Libertador, Chacao, Caracas 106.
**L.P:** Pres: Pablo Sosa Guzmán.

**Radio Cadena Celis,** Ap. 60576, Caracas 106.
**L.P:** Pres: José Leonardo Celis.

**Sistemas Rumbos S.A.** Edif. 26-08, Ofic. 206, Urapal A. Campo Elias, Av. Urdaneta, Caracas 101.
**L.P:** Dir. Gte: Dr. Manuel Felipe García.

**Sistemas y Servicio Radiofonicos,** Centro Residencial el Bosque, Edif. Ecuador, piso 1, Av. Libertador, El Bosque, Caracas 105.

1) San Juan de Manapiare, Ama.
2) Calle Central, Villa Rosario, Zul — Dir: Ali Rachid.

3) Ap. 1684, Caracas 101 — DG: Ramón González G.
4) Oficina de Educación de Adultos, San Fernando, Apu.
5) Ap. 2618, Caracas 1010A — Pte: Andrés Serrano T. Gte: Héctor Velazco S. Dir. Tec: C. Poleo.
6) Ap. 459, Maracaibo, 4002, Zul — Dir: Angel Rodríguez P.
7) Ap. 866, Caracas 101 — DG: Jorge Sierralta Figarella.
8) Ap. 26, Cumaná, Suc — Dir: Félix S. Fernández.
9) Ap. 567 y 576, Barquisimeto, Lara — DG: Ligia Villanueva A. Dir. Tec: R.A. Segura.
10) Ap. 99, Cabimas, Zul — Dir: Dario E. Layba.
11) Ap. 3979, Caracas 1010 — Dir: C. Gottberg. Classical prgr: 630/6170, Light prgr: 1050/770/5020kHz.
**International Sce** on 1240kHz: 0100-0200, 0300-0400, 1100-1200, 1800-1900. On 9540/9555/11695kHz: as above.
**F.PL:** Prgrs in English, French & Portuguese.
11a) San Fernando de Apure — Dir: José Rafael Megron.
12) Ap. 4123, Puerto La Cruz, Ang — DG: Rafael Bellorín Malaver.
13) Calle Soublette Sur 11, Maracay, Ara — Dir: E. Moreno.
14) Edif. Don Beto, Ca. Bolívar, Coro, Fal — Dir: Julio Morales.
15) Ap. 114, Cumaná, Suc — DG: Reinaldo Marin Rojas.
16) Ap. 347, Maracaibo, Zul — Dir: José Higuera M.
17) Ap. 4173, Caracas — Dir: Osw. Yepes Peña.
18) Centro Comercial Bella Vista, Calle Velázquez, Porlamar, Nes — Dir: A. Briceño.
19) Calle 67 No. 24-88, Maracaibo, Zul — Dir: Gonzalo González Colina.
20) Ap. 2057, Caracas 101 — DG: Jorge Dahdah A.
21) Ap. 4082, Puerto La Cruz, Anz — Dir: Rodolfo Enrique Fuentes.
22) Ap. 152, San Cristóbal, Tach — Dir: Gregorio González L.
23) Av. Lecuna esq. Cipreses, Edif. 1/1, Caracas — Gte: Ricardo L. Siblesz (880: Dir: Dr. Guillermo Degwitz C.)
24) Calle 85 (antes Falcon), Edif. Nerilu, Local 2, Maracaibo, Zul — Pres: L. Vera G. Dir: Armando B. Lopez.
25) Girardot y Montes de Oca, Valencia, Car — Dir: Santos Murgas.
26) Ed. El Faro, Calle Ayacucho, Upata, Bol — Dir: J.R. Patino González.
27) Av. Stgo. de Chile 07-29, Los Caobos, Caracas — Gte: Reinaldo Arreaza A. **F.Pl:** 100kW.
28) Ap. 248, Valencia, Car — Gte: Jesús A. Maldonado Borrego.
29) Ap. 220, San Cristóbal, Tach — Dir: Freddy H. Romero.
31) Ap. 117, Valencia, Car — Mgr: Manolo Fachín V.
32) Ap. 1969, Maracaibo A401, Zul — Dir: Angel E. Govea.
33) Av. Los Mangos 49, La Florida, Caracas 105 — Dir: Manuel Roberto Vásquez.
34) Ap. 58, Porlamar, Nes — Dir: Angel Cardoso Flores.
35) Av. Miranda Oeste 76, Maracay, Ara — Dir: G. Mewa.
36) Ap. 25, Punto Fijo, Fal — Dir: Román O. Aguillar.
37) Ap. 60039, Caracas — DG: Nelson Belfort.
38) Ap. 140, Maturín, Mon — Dir: Victor Ramon Cordova.
39) Ap. 338, San Cristóbal, Tac — Mgr: M.V. Chacin G.
40) Ap. 4545, Maracay, Ara — Dir: Ciro Sánchez Brinceño.
41) Edif. Grasso, Calle 15, Valera, Tru — Dir: Jose Antonio López.
42) Ap. 430, El Tigre, Anz — Dir: Rafael Guevara.
43) Ap. 3674, Caracas — Dir: Maria Vittoria de Grasso.
**Italian** 1100-1200, 2300-2400.
44) Edif. Núñez, Av. Vargas Carrera 16, Barquisimeto, Lar — Dir: A.J. Isturiz.
45) Ap. 152, San Cristóbal, 5001, Tach — Dir: Gregorio González Lovera.
46) Ed. Cumboto, Calle Comercio, Pto. Cabello, Car — Gte: Henry Cordero W.
47) Calle Boyacá Este, Cagua or: Calle Vargas Norte 21, Edif. Tufano 4to piso, Apt. 16, Maracay, Ara — Dir: Jésus M. Labrador U.
48) Ap. 123, Cd. Bolívar, Bol — Dir: Gabriel Aguilera Ordaz.
49) Ap. 789, Maracaibo, Zul — Mgr: Luis G. De Rosales.
50) Ap. 145, La Asunción, Nes — Mgr: Ezequiel J. Bellorin.
51) Altos Teatro Cine, Av. Miranda, Ocumare del Tuy, Mir — Gte: Eleazar Ramos Bermúdez.
52) Av. 23 de Enero, Guanare, Por — Gte: Jesus Avella Medina.
53) Ap. 47, Mérida, Mer — Dir: Beltrán José Contreras.
54) Av. 100 No. 100-72, Valencia, Car — Dir: Armando Moura Guevara.
55) Altavista, Calle Caura, Edif. Los Bancos, Puerto Ordaz, Bol — DG: Rafael Eligio Farreras.
56) Ap. 25, S. Juan de los Morros, Gua — Dir. Gen: Jésus Ghersy.
57) Ap. 374, San Cristóbal, Tac — DG: José A. Loreto.
58) Av. Soublette, La Guaira, DF — Dir: Fernando Sosa G.
59) Av. 26 esq 23 No. 22-23, Maracaibo, Zul — Dir: Charles Arape.
60) Calle 98, Nte. 6, Calicanto, Maracay, Ara — Dir: Joe Márquez.
61) Ap. 27, Barcelona, Anz — Dir: Ruffo José Vivas.
62) 5a Av. Esquinta Calle 15, San Felipe, Yar — Dir: Ligia Villanueva.
63) Calle El Retiro, Qta. Vilma, El Rosal, Caracas — Dir: Enrique Cusco Jr.
64) Av. Gral. Trias, Machiques, Zul — Gte: Jésus Pérez Z.
65) Cra. 4 No. 4-46, Tovar, Mer — DG: A. de Mérida.
66) Ap. 31, Bolívar, Bol — Dir: Sinar Guerra Madríz.
67) Ap. 590. Carúpano, Suc — Dir: Pedro Luis Regnault Villalba.
68) Edif Ramos, Calle Páez No. 97-53, Valencia, Car — Dir: Ali Caccavale.
69) Ap. 261, Maracaibo, Zul — Dir: Gustavo Baptista R.
70) Edif. Isnotú, Calle Monagas esq. Marino, Maturin, Mun — Dir: Ramón Antonio Saballo.
71) Ap. 574, Barquisimeto (Lara) — DG: Wilfred Faroh R.
72) Av. Las Acacias, Torre la Previsora, piso 27, Caracas, DF — DG: Luciano Landaeta Lovera.
73) Av. Bolívar 4, Puerto Ayacucho, Ama — Dir. Gen: A.M. Pérez.
74) Calle 5 (Sucre) entre Carreteras 8 y 9, "La Casita" 3040, Carora, Lar — Dir: Carlos Gonzalo González.
75) Ap. 23, San Cristóbal, Tach — DG: Modesto Marchena.
76) Calle Ecuador, Punto Fijo, Fal — Dir: Carlos Argenis Lugo.
77) Ap. 47, Cd. Bolívar, Bol — Dir: Luis Galeano Martínez.
78) Ap. 74, Mérida, Mer — Prop: Enrique Orangel R.
79) Calle Régulo Franquiz, Edif. La Electricidad, Guarenas, Mir — Dir: Jesús R. Farias.
80) Av. 9 Con Calle 10, Acarigua, Por — Gte: Norton Ramírez P.
81) Calle 4, Edif. Illinois, La Fria, Tach — Dir: Luis Orlando Soto.
82) Plaza Bolívar Maturin, Mon — Dir: Rubén Sifontes.
83) Ap. 201, Cd. Ojeda, Zul — Dir: H. Zabala P.
84) Final Av. Sucre, Barinas, Bar — Dir: Angel Tobias Contreras
85) Ap. 150, San Cristóbal, Tach — Dir: Elio R. Ríos R.
86) Av. 5 No. 2-21, Sta. Bárbara del Zulia, Zul — DG: Jorge Alvaro Socorro.
87) Ap. 7421, Coro, Fal — DG: José Guadalupe J.
88) Ap. 55, Barcelona, Anz — DG: Armando Arreaza García.
89) Ap. 14, San Fernando de Apure, Apu — Dir: Rosa Cestari Finamore.
90) Ed. Plaza, Local 3, Calle 78 con 3H, Maracaibo — DG: Pedro Abreu R.
91) Calle Pantoja, Caucagua, Mir — Dir: Atilano Raymundi.
92) Av. 10 No. 9-31, Valera, Tru — DG: Carlos J. Balza.
94) Plaza Rivas, La Victoria, Ara — Dir: R. Vasquez.
95) Ed. Veiza, Of. 2, Av. Bolivar, Caripito, Mon — Dir: Luis R. Rosque. **F.PL:** 50kW.
96) Ed. Centro Comercial S. Vicente, Ctra. El Tocouyo, Pto. Ordaz, Bol — Dir: Angel de Jesús Coa.
97) Av. Andrés Bellos, Cabimas, Zul — DG: Harol J. Zabala P.
98) Res. Parque, Torre C, Local 2, Av. P.M. Morante, Sta. Mónica, Caracas 105 — Dir: Jesus A. Maldonado E.
99) Ure. Las Tunitas, Nirgua, Yar — Dir: Fernando Falkenhagen.
100) Ap. 31, El Vigía, Mer — Dir: Dr. Serafín González Alvarez.
101) Calle Petion Cruzecon la Paz, Tucupita, DAm — Dir: Robert Hernández.
102) Av. Independencia 10-11, Trujillo, Tru — Dir: Pedro J. Torres.
103) Calle Las Flores, Edif. Inos, Zaraza, Gua — Dir: Mary Espina de Gimón.
104) Ap. 4, Pto. Cabello, Car — Gte: Santiago Guevara Villalta.
105) Edif. Park, Cra 4, San Félix, Bol — Dir: L.J. Pastrano.
106) Calle Guánchez 10, Petare, Mir — DG: Rodolfo Nólck Tellería.
107) Ap. 347, Maracaibo, Zul — Dir: A. Higuera M.
108) Calle Miranda 82, Tinaquillo, Coj.
109) Ap. 63, Valera, Tru — Dir: Hector Requena C.
110) Av. Marqués del Pumar, Barinas, Bar — Dir: Angel M. Pérez.
111) Calle Petión, Edif. Petión, Turmero, Ara — DG: Armando Moura Guevara.
112) Av. Lisandro Alvarado, El Tocuyo, Lara — Dir: Oswaldo Ramírez.
113) Ed. Paez, Carr. 12, Calabozo, Gua — Dir: Eleazar Ramos Bermúdez.
114) Av. 9 No. 13-61, Rubio, Tach — Dir: Gonzálo Fuentes Lacruz.
115) Av. Intercomunal, Edif. Karame, Los Morochas, Zul — Mgr: Jesús Ramón Oría.

116) Edif. Gral. Manrique, Av. Sucre, San Carlos, Coj — DG: Peter Taffin M.
117) Calle Villaflor, Sabana Grande 105 — DG: Oswaldo Yépez Peña.
118) Trujillo (Tru).
119) Av. Fernández Padilla 26-80, San José de Guanipa (El Tigrito), Anz — Mgr: José Luis Tineo L.
120) Calle Principal 2, Caja Seca, Zul — Mgr: Carlos Jesús Rubio.
121) Urb. Alta Vista, Pto. Cumarebo, Fal — Gte. Gral: Héctor Ruquena Castillo.
122) Av. 23, No. 79-188, Maracaibo, Zul — DG: Moisés Portillo
123) Ed. Guaicaipuro, Avda. Bolivar, Charallave, Mir — Dir: Alvaro Sarmiento.
124) Av. 7 No. 61-1, Chivacoa, Yar — Dir: Pedro Luis Sánchez.
125) Calle Paríso 29, Valle de La Pascua, Gua — DG: J.R. Negrón.
126) Calle Industria, Ejido, Mérida, Mer — Dir: José Omar Dávila A.
127) Av. 26 No. 5-11, Araure, Por — Dir: Ricardo Ulises R.
128) Ap. 240, Cd. Bolívar, Bol — Dir: Marcos Pitter.
129) Av. Bolívar, Edif. Sabatinos, Pto. Cabello, Car — Gte: José Rodriguez Tellería.
130) Ed. Banco de Maracaibo, Barquisimeto, Lara — Dir: William Bracamonte.
131) Ap. 21078, San Martín, Caracas 1020A — Dir: R.P. José Martínez Terrero S.J.
132) Calle Alegría, El Sombrero, Gua — Dir: R. Ramírez M.
133) Av. Sucre, Barinas, Bar — Gte: J.A. Pimentel.
134) Calle Cajigal 39, Anaco, Anz — DG: Lila Machado.
135) Calle Bolívar No. 33, Guíria — DG: Angel T. Acosta D.
136) Av. 11 No. 12-51, Valera, Tru.
137) Ed. Los Andes, Av. Peñalver, Turén, Por — Dir: Angel M. Pérez.
139) Av. 123, No. 7A-188, Maracaibo, Zul — Dir: Máximo Flores V.
140) Calle 3 No. 6-100, Carora 3040, Lara — Dir: Alfonso Saer.
141) Ed. Don Fortú, Calle Plaza, Guacara, Car — Dir: Samuel Hidalgo Futrillé.
142) Av. Fco. de Cáceres, Qta/Delia Mercedes, La Grita, Tach — DG: Luis Aguillar Chacón.
143) Caicara del Orinoco, Bol — Owners: Adilla Castillo and Pablo de Lara.
144) Calle Andrés Eloy Blanco, Altagracia de Orituco, Gua — Dir: Enrique Moron Aponte.
145) Ap. 410, San Cristóbal, Tach — Mgr: Gelasio A. Suárez U.
146) Av. Circunvacación, Edif. Gomez Galerío, Guanare, Por — Dir: Roberto del Papa Gomez.
147) Calle Baptista, Puertos de Altagracia, Zul.
148) Ap. 3708, Caracas 101 — Dir: Alcides Delgado Alvaredo.
149) Santa Bárbara de Barinas, Bar — Dir: Rodrigo Carvajal.
150) Av. Bolívar, Plaza la Alameida, Edif. R. Jardin, Bocono, Tru — Dir: Douglas Orlando Valero.
151) Ap. 1624, Valencia, Car — Pte: Octávio Sánchez L.
153) Casa Parroquial, Cantura, Campo Meta, Anz — Dir: José J. Castello.
154) Av. 2 No. 36-18, Mérida, Mer — Gte: Gustavo Arévalo P.
156) Av. Santa Rosa, Sector la Copita, Cumaná — DG: José Alfonso.
157) Edif. Fundelo, Barquisimeto, Lara — Dir: Hector de la Rosa.
158) Universidad Central de Venezuela, Depto. de Radiodifusión, Caracas, D.F.
159) Ap. 009, Calle Soledad, Av. Concepción 16, Guatire, Mir — DG: Guillermo Obel Mejías.
160) Edif. La Torre, Pto. La Cruz (Anz) — DG: Rodolfo E. Fuentes.
161) Av. Cartagena, entre 19 y 20, San Felipe, Yar — Dir: Fernando Falkenhagen.
162) Calle Ribas, Centro Empressial, Los Teques, Mir — Dir: Santiago Moreno.
163) Torre Porteña, Mezz. 2, Av. Municipal, Puerto la Cruz 6023 — Dir: Rodolfo E. Fuentes.
165) Guatire, Mir.
166) Maturín, Mon.

**V:** SW verifications received in 1983/84 from st's 3), 5), 7), 8), 9), 11), 17), 19), 22), 32), 38), 41), 42), 44), 45), 51), 53), 54), 62), 65), 74), 82), 92), 100), 122), 123).

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## ANTARCTICA

## (International Continent)

### AMERICAN FORCES ANTARCTIC NETWORK

**(AFAN, McMurdo)**
**ADDR:** AFAN McMurdo, US Naval Support Force Antarctica, Fleet Post Office, San Francisco, Calif. 96601, U.S.A.
**L.P:** St. Mgr: Paul W. McQuillan.
**STATION:** McMurdo 6012kHz 1kW — **FM:** 100.1MHz 0.05kW.
**D.Prgr:** 2000-1200 (on 6012kHz AM or SSB may be used).
**ANN:** "AFAN Radio International, Sixty-Twelve on your dial".
**V.** by QSL-card.

#### Argentinian Sector

### R. NACIONAL ARCANGEL SAN GABRIEL

**ADDR:** Base Esperanza, 9411 — Antártida Argentina.
**L.P:** Dir: Jefe de la Base Esperanza, Ejército Argentino.
**STATION** (G.C: 56.24S/53.59W): LRA36 6030/15474kHz 1kW.
**D.PRGR:** in Spanish (with ann's in French, English & Italian): 2230-0030 on 6030/15474kHz, 1300-1500 on 15474kHz.
**V.** by QSL-card & letter. Reports to Comando de Comunicaciones, Comando en Jefe del Ejército.

# STANDARD FREQUENCY AND TIME SIGNAL STATIONS

The SW-listener may notice a specialized technical prgr. of tones and time pulses usually received on carrier freqs of 2.5, 5, 10 or 15MHz and sometimes on 20 and 25MHz. These signals have many uses in science and technology. They are most useful to the non-specialist in obtaining accurate time, in checking the calibration of his radio receiver, and in gaining information on radio propagation conditions. The forecasts of the present and future state of the ionosphere can be quite useful in determining the possibilities of SW-reception. Such forecasts are given by JJY, Tokyo, Japan, for certain parts of the globe.

## WWV, WWVH, AND WWVB, U.S.A.

St. WWV, 2000 East County Rd. 58, Fort Collins, Colorado 80524, USA; St. WWVH, P.O. Box 417, Kekaha, Kauai, Hawaii 96752; WWVB, 2000 East County Rd. 58, Fort Collins, Colorado 80524, USA.
**L.P:** Time and Freq. Division: Mike Lombardi, National Bureau of Standards, Boulder, Colo. 80303. Eng. in Charge: John B. Milton (WWV, WWVB). Eng. in Charge: Charles Trembath (WWVH).

**Standard Radio Frequencies:** WWV, 2500kHz 2.5kW, 5000kHz 10kW, 10000kHz 10kW, 15000kHz 10kW, 20000kHz 2.5kW. The broadc. are continuous night and day. WWVH 2500kHz 5kW, 5000kHz 10kW, 10000kHz 10kW, 15000kHz 10kW: Continuous — WWVB 60kHz 13kW: Continuous.
**Programme:** The broadcast formats of WWV and WWVH include voice time ann. every min. To eliminate confusion between the two stations, the WWV ann. are made by a male and the WWVH ann. by a female. At WWV, commencing about 7½ seconds before the min, a male voice ann. of UTC (Coordinated Universal Time) is given as follows: "At the tone . . . hours . . . minutes UTC (Coordinated Universal Time)". At WWVH, commencing about 15 seconds before the min. a female voice ann. of UTC is similarly given. (The terms of "GMT" and "Z" are accepted as the general equivalents of UTC in navigation and communication).
Standard audio tones of 500 and 600Hz of 45-second duration are broadc. on alternate min. from each station. The beginning of each h. is identified by a 1500Hz tone of 0.8 second duration.
Ann. of weather information are given in plain language. At WWV weather information is given between the 8th and 9th and between the 9th and 10th and between the 10th and 11th min. At WWVH weather information is given between the 48th and 49th and between the 49th and 50th and between the 50th and 51st and between the 51st and 52nd min. St. identification at WWV is given during the 1st and 31st min. after the h. St. identification at WWVH is given during the 30th and 60th min. after the h.
WWVB transmits a special BCD time code consisting of 10dB carrier reductions each second (format on request). Transmitted phase will be advanced 45° for 5 min. each h. between 10 min. and 15 min. after the hours. No other identification will be given — **V.** by QSL folder (B). **Pub:** Prgr. sched. on request.

## OTHER STATIONS (in alphabetical order by country).

## LOL, BUENOS AIRES, Argentina

**Addr:** Servicio de Hidográfica Naval, Observatorio Naval, Avenida España 2099, 1107 Buenos Aires, Argentina.
**Standard Freq. and Time Signals:** 5000kHz 2kW, 10000kHz 2kW, 15000kHz 2kW; 1100-1200, 1400-1500, 1700-1800, 2000-2100, 2300-2400. **Schedule:** 3 min. dash (1000 or 440Hz alternately) beginning at 00.00, 00.05, 00.10, etc. followed by 2 min. ann. at the mins 03/04, 08/09, 13/14, etc. . . . ("observatorio Naval Argentina . . . Horas . . . minutos"). TS transmission at min. 55-58 in each h — **V.** by QSL-folder (B).

## LQB9/LQC20, Argentina

**Addr:** Servicio Internacional de la Hora, Calle 38 Gral. Nicolas Savio No. 865, Villa Maipu, 1650 San Martin, Buenos Aires, Argentina.
**Stations:** LQB9 8167.5kHz 5kW 2200-2205, 2345-2350; LQC20 17550kHz 5kW 1000-1005, 1145-1150.
**D. Prgr:** 5 minutes before times stated, the station sends "CQ" and callsign. Time signals consist of second pulses of 0.3 second duration. The 59th pulse is omitted, and the 60th is prolonged to 0.5 seconds. **V.** by QSL-card. Rp. (B).

## VNG, LYNDHURST, Australia

**Addr:** VNG, Reference Measurements Section, Telecom Australia Research Laboratories, Box 249, Clayton, Vic. 3168, Australia.
**Te:** (03) 541 6124. **Telex:** 33999.
**Stations:** Lyndhurst, Vic: 4500kHz 0945-2130; 7500kHz 2245-2230; 12000kHz 2145-0930 (all 10kW).
Carrier frequencies and 1kHz tone as emitted by VNG are maintained with 1 part in $10^{11}$ of Telecom Australia's standard of frequency (24 hour average value). Time interval as emitted has the same accuracy as the carrier frequencies. Time of day as emitted is maintained within 10 microseconds of Telecom Australia's standard of Coordinated Universal Time (UTC). The st transmits seconds markers of 50 cycles of 1kHz modulation; 5 cycles only for seconds markers 55 to 58; second marker 59 is omitted; 500 cycles for minute markers. During the 5th, 10th, 15th etc. minutes, second markers 50 to 58 are only 5 cycles. The deviation of the signals from UT1 is transmitted each minute during the CCIR code by 45 cycles of 900Hz modulation immediately following the normal second markers. Between the 20th and 50th seconds of the 15th, 30th, 45th and 60th minute, an announcement is broadcast: "This is VNG, Lyndhurst, Victoria, Australia on 4.5, 7.5 or 12MHz. VNG is a Standard Frequency and Time Signal service of the Australian Telecommunications Commission. This is VNG, Lyndhurst, Victoria, Australia on 4.5, 7.5 or 12MHz".
**V.** by QSL-folder.

## OBSERVATORIO NACIONAL, Brazil

Responsible for Legal Time in Brazil, originates time signals, which are broadcast by stations:
**PPE. Addr:** Servico da Hora, Observatorio Nacional (CNPq), Rua General Bruce 586, 20921 Rio de Janeiro, ZC-08-RJ, Brazil. Chief Eng: Paulo Mourilhe Silva.
**Station:** 8721kHz; 0025-0030, 1125-1130, 1325-1330, 1825-1830, 2025-2030, 2325-2330.
**FM:** 161.25, 171.03, 166.31MHz (80W). Continuous transmissions, omnidirectional.
**F.Pl:** New st. under construction in Brasilia, to operate on 2.5, 5, 10, 15, 20 & 25MHz with time signals & voice ann. (Power initially 1kW).
**PPR. Addr:** Coast Station "EMBRATEL", Estrada da Matriz, 3286, 23000 Guaratiba, Rio de Janeiro, RJ, Brazil.
**Stations** (Telegraphy): 435, 4244, 8634, 12687, 16984, 17194.4, 22352.5, 22420kHz: 0125-0130, 1425-1430, 2125-2130 (retransmissions of time signals from Observatorio Nacional).
**V.** by QSL-card.

## CHU, OTTAWA, Canada

**Addr:** R. Station CHU, National Research Council, Ottawa, Ontario, Canada, K1A OR6.
**Stations:** CHU 3330kHz 3kW; 7335kHz 10kW; 14670kHz 3kW (all antennas vertical).
**TS:** Continuous by voice and seconds pulses. Freq. and time signal control by cesium clock.
**Ann:** English: "CHU Canada, Eastern Standard Time . . .". French: "CHU Canada, Heure normal de l'est . . .". Identification of DUT1 = + UT1-UTC by split second code — **V.** by QSL-card. (B). Re. welcomed — **Pub:** Station information free.

## CCV, VALPARAISO, Chile

**Addr:** Instituto Hidrográfico de la Armada, Errázuriz 232, Casilla 324, Valparaíso. **Te:** 251056. **Cable:** Hidrovalparaíso. **Telex:** 230362 Hidro Cl.
**L.P:** Dir. E. Barison R.
**Stations:** 4298/8558kHz, 148.125MHz.
**Transmissions:** 1155-1200, 1555-1600, 1955-2000, 0055-0100 (one hour earlier 15 Oct-15 March) — **V.** by QSL-card. Rp.

## TIME SIGNAL STATION BPM, China

**Addr:** Shaanxi Astronomical Observatory, Chinese Academy of Sciences, P.O. Box 18, Lintong, near Xian, China.
**Stations:** (10/20kW): 5000kHz (1400-2400), 10000kHz (24h), 15000kHz (0000-1400), 5430kHz (1000-1800 every 2h), 9351kHz (0600, then 1100-2300 every h).

**D.Prgr:** on 5000/10000/15000kHz; Time Pips. The Callsign BPM is sent in morse code 10 times at the 29th and 59th minute, followed by voice ann. in Standard Chinese read twice by a female speaker — On 5430/9351kHz: 9 min's before until 6½ min's after the mentioned hours. Time signals, with callsign BPM in morse 45 times at start of transmission — **V.** by QSL-card.

## STATIONS OMA/OLB5, Czechoslovakia

**Addr:** Astronomical Institute of the Czechoslovak Academy of Sciences, Budecska 6, 12023 Praha 2, Vinohrady, Czechoslovakia. **Te:** 258758. **L.P:** Dir: V. Bumba.
**Stations:** Liblice: OMA 50kHz 7kW: 24h — OMA 2500kHz 1kW: 24h; Podebrady: OLB5 3170kHz 5kW: 24h.
**Maintenance:** All tr's are off the air on the 1st Wed of month 0600-1200 for maintenance. The reserve low power tr. at Podebrady is used on 50kHz during this period.
**Ann:** in Morse code OMA 2500kHz only — **V.** by QSL-card to DX-reports only (B). Re. wanted to Time Division and for areas outside Europe only.

## HS2IOA, GUAYAQUIL, Ecuador

**Addr:** Instituto Oceanografico de la Armada, Casilla 5940, Guayaquil, Ecuador.
**L.P:** Dir. & Chief of Navigation Dept: Patricio Padilla M.
**Stations:** HD2IOA 1kW (G.C: 02.16N/79.54W) 3810kHz: 0500-1700; 5000kHz: 1700-1800; 7600kHz: 1800-0500.
**D.Prgr: On 3810 & 7600kHz:** 01s-28s pulses of 100ms, 29s silence, 30s-50s pulses of 100ms, 51s-52s silence, 53s-58s time announcements (male voice), 59s silence, 60s minute pulse (of 300ms duration).
**On 5000kHz:** 1700-1715 600Hz tone, 1715-1730 440Hz tone, 1730-1800 unmodulated carrier.
**Ann:** "Esta es la Hora Oficial del Ecuador, transmitida por la Estación HD2IOA del Instituto Oceanográfico de la Armada desde la ciudad de Guayaquil. Transmite en las sigueintes frecuencias: 3.81 MegaHertz desde las cero cero cero cero hasta las doce — cero cero horas, y 7.6 MegaHertz desde las trece cero cero hasta las veinticuatro cero cero horas. Servicio de frecuencia patrón en 5 MegaHertz desde las doce cero cero hasta las trece cero cero horas. Zona horaria más cinco". **V.** by QSL-card (B). Rp.

## FTH42/FTK77/FTN87, France

**Addr:** Laboratoire Primaire du Temps et des Frequences, 61 Avenue de l'Observatoire, 75014-Paris, France.
**L.P:** Dir: M. Granveaud.
**Stations:** Sainte-Assise FTH42 7428kHz 6kW: 0900, 2100 — FTK77 10775kHz 6kW: 0800, 2000 — FTN87 13873kHz 6kW: 0930, 1300, 2230 — **V.** by QSL-card (B).

## ALLOUIS STANDARD FREQUENCY STATION, France

**Addr:** Bureau Nationale de Metrologie, 8-10 rue Grillon, F-75914 Paris Cédex 04, France.
**Station:** Allouis 163.84kHz 2000kW.
**Schedule:** Continuous exc. Wed 0005-0358 (maintenance), carrying prgrs. of France-Inter.

## DCF77 MAINFLINGEN, Germany

**Addr:** Physikalisch-Technische Bundesanstalt, Bundesallee 100, D-3300 Braunschweig, Fed. Rep. of Germany.
**Cable:** Bundesphysik. **Te:** 5920. **Telex:** 952 822 ptbd.
**L.P:** Dr. K. Dorenwendt.
**Station:** DCF77 77.5kHz 50kW: 24h; standard frequency, second pulses, coded transmission of numbers of minute, hour, day, day of week, month and year in Legal Time of Fed. Rep. of Germany.
**Pub:** Prgr. schedule on request — **V.** by QSL-card.

## DAN/DAM/DAO, Germany

**Addr:** German Hydrographic Institute, P.O. Box 220, 2000 Hamburg-4, Federal Republic of Germany. **Te:** 3190740. **Cable:** Hydrodienst, Hamburg. **Telex:** 211138 bmvhh.
**L.P:** Head Time Sce: Dr. H. Enslin.
**Stations:** Norddeich DAN 2614 kHz 2kW; Elmshorn DAM 4265 kHz (5kW), 6475.5 kHz (5kW), 8638.5 kHz (10kW), 12763.5 kHz (15kW), 16980.4 kHz (15kW); Kiel DAO 2775 kHz (2kW).
**Schedule:** Unmodulated time signals at 1155-1206 on 2614/2775/8638.5/16980.4kHz; 2355-0006 on 2614/2775kHz plus 4265/8638.5kHz (21st Oct-30th March) or 6475.5/12763.5kHz (31st March-20th Oct). **V.** by QSL-card.

## TIME SIGNAL STATION NAUEN, DDR.

**Addr:** Amt für Standardisierung, Messwesen und Warenprüfung Fachgebiet Zeit und Frequenz, Fürstenwalder Damm 388, DDR - 1162 Berlin.
**Station:** (Y3S): 4525kHz 5kW.
**D.Prgr:** 24h exc. 0815-0945 for maintenance if necessary. Type of transmission A1 type, second pulses of 0.1 s. duration, minute pulses of 0.5 s. duration. Additional information about the difference between the Universal Time UT1 and the Coordinated Universal Time UTC, and also about the time of day (minute, hour) are encoded by double pulses in a special manner. **V.** by QSL folder.

## TIME SIGNAL STATION ORANIENBURG, DDR.

**Addr:** As for Time Signal Nauen.
**Station:** (DGI): 179kHz 750kW (Stimme der DDR).
**D.Prgr:** 30 seconds before 0600, 1200, 1800. (Su: 1h earlier).
**Type of transmission:** Second pulses of 0.1 s. duration at the seconds 30-40, 45-50, 55-59, minute pulse of 0.5 s. duration.

## HONG KONG TIME SIGNAL STATION

**Addr:** Royal Observatory, Nathan Road, Kowloon, Hong Kong.
**Te:** 3-7329200. **Cable:** Observahkg. **Telex:** 54777 GEOPH HX.
**Stations**

| | | |
|---|---|---|
| VPS | 500kHz | every even hour |
| VPS8 | 4232.5kHz | every odd hour 1100-2100 |
| VPS35 | 8539kHz | every odd hour |
| VPS60 | 13020.4kHz | every odd hour 0100-1500 |
| VPS80 | 17096kHz | every odd hour 2100-1300 |
| VPS22 | 22536kHz | every odd hour 0100-0900 |

Type of transmission: a series of 6 dots, the 6th being on the hour. 95MHz FM: every 15 mins throughout 24h. A series of 6 dots, the 6th being on the hour, and 15, 30 and 45 minutes past the hour. Hong Kong Aeradio 338, 6679, 8828, 13282kHz. At 15 and 45 minutes past each hour, a series of 6 dots, the 6th being exactly 15 or 45 minutes past the hour. — **V.** by letter.

## ATA, NEW DELHI, India

**Addr:** National Physical Laboratory, Hillside Road, New Delhi-110012.
**Station:** 5000kHz 8kW (1230-0330); 10000kHz 8kW (24h); 15000kHz 8kW (0330-1230).
**D.Prgr:** Seconds pulses, with or without tone modulation. Minute pulses are prolonged to 100ms. Voice ann. every 15 minutes.
**V.** by QSL-card (B). Rp.

## VWC, CALCUTTA, India

**Addr:** Alipore Observatory, Calcutta.
**Stations:** VWC 434/4286/12745 kHz.
**Schedule:** 0825-0830 on 434/12745 kHz, 1625-1630 on 434/4286 kHz. Time signals preceded by callsign. — **V.** by letter. Rp.

## INDONESIAN TIME SIGNAL STATIONS

**Addr:** Directorate General of Post and Telecommunications, Director of Frequency Management, Jl. Kebon Sirih 37, Jakarta.
**Stations:** 8542kHz (PKI), 11440kHz (PLC) both 3kW.
**Schedule:** 0045-0055 callsign repeated in morse, 0055-0100 time signals. — **V.** by letter. Rp.

## ISRAEL

R. on 4945/16420kHz between 1800 and 2300. (time signals).

## IAM, ROME, Italy

**Addr:** Istituto Superiore delle Poste e delle Telecommunicazioni, Ufficio 8° Rep. 3°, Viale Europa, I-00100, Rome.
**Station:** 5000kHz 1kW: 0730-0830, 1030-1130 (W), during summer one h earlier. Time is given in slow speed telegraphy at 0735, 0750, 0805, 0820, 1035, 1050, 1105, 1120 — **V.** by letter. Rp.

## IBF, TURIN, Italy

**Addr:** Istituto Elettrotecnico Nazionale, Corso Massimo d'Azeglio 42, I-10125 Torino. **Te:** 3488933.
**Stations:** 5000kHz 5kW: W 0645-0700, 0845-0900, 0945-1000, 1045-1100, 1145-1200, 1245-1300, 1345-1400, 1445-1500, 1545-1600, 1645-1700, 1745-1800 (during summer one hour earlier).
**Ann:** "IBF, IBF, IBF, Emissioni di frequenze e tempo campioni dell'Istituto Elettrotecnico Nazionale, Torino". The voice ann. is repeated in French and English: "IBF, IBF, IBF, Signaux horaires et frequence etalon de l'Institut Electrotechnique Nationale, Turin, Italie" and "IBF, IBF, IBF, Standard Frequency and Time Signals from the National Electrotechnical Institute, Italy".
**V.** by QSL-card (B).

### STATION JJY, TOKYO, Japan

**Addr:** Radio Research Laboratories, 2-1 Nukui-Kitamachi 4-chome, Koganei 184, Tokyo, Japan.
**L.P:** Chief Freq. Standard Div: T. Igarashi.
**Stations:** (all 2kW 24h): 2500kHz, 5000kHz, 8000kHz, 10000kHz, 15000kHz.
All freqs are interrupted at 35-39 mins past each h. Mod. seconds pulses of 8 cycles of 1600Hz and 1000Hz tone. International code of DUT1, consisting of 45 ms-long pulses of 1600Hz, will be tr. during 0-15 sec in each min.
**ANN:** Every ten mins in each h. identifying signals are tr. consisting of call-sign in Morse code (twice), time in JST once in Morse code, Call-sign twice in voice, time in JST once in voice and grade of propagation warning in Morse code — **V.** by QSL-card (B).

### ZMO, WELLINGTON, New Zealand

**Addr:** New Zealand Time Sce, Wellington, NZ.
**Station:** ZMO 417.5kHz.
**Schedule:** 2254-2300 (time signals) — **V.** Reports not wanted.

### ZLF, WELLINGTON, New Zealand

**Addr:** New Zealand Freq. Sce, DSIR, Private Bag, Wellington, NZ.
**Station:** ZLF 2500kHz.
**Schedule:** Wed 0100-0400 (unmodulated carrier, derived from caesium beam) — **V.** Reports not wanted.

### OBC, CALLAO, Peru

**Addr:** Estacion Central de Comunicaciones Navales (Radio), Callao, Peru.
**Stations:** OBC 8650/12307kHz: 1555-1600, 2055-2100, 0155-0200 (time signals) — **V.** by letter. Rp.

### STATION NPO, Philippines

**Addr:** Commanding Officer, US Naval Communication Station, FPO San Francisco, CA 96656, USA.
**Stations:** NPO 4445/10440.5/12804kHz.
**Schedule:** 0555-0600, 1155-1200, 1755-1800, 2355-2400 (time signals).

### ZUO, OLIFANTSFONTEIN, South Africa

**Addr:** South African Council for Scientific and Industrial Research, National Measuring Standards and Metrology Division, National Physical Research Laboratory, CSIR, P.O. Box 395, Pretoria 0001. **Te:** 86-9211. **Cable:** Navorsfis. **Telex:** 3-630SA.
**Stations:** Call ZUO (Olifantsfontein): 2500kHz 4kW: 1800-0400 daily; 5000kHz 4kW, 100MHz 0.08kW: 24h.
**Time Signals:** Continuous second pulses, consisting of 5 cycles of 1000Hz tone. The minute pulse is prolonged to ½ second.
**Ann:** In Morse code every 5 minutes: ZUO ZUO ZUO followed by the Universal time of the next minute — **V.** by QSL-letter (B)

### CAPETOWN RADIO, South Africa

**Addr:** Private Bag, Milnerton 7435, Cape Town, South Africa.
**Stations:** ZSC 418kHz 5kW, 4291/8461/12724/17018/22455kHz (all 10kW).
**Schedule:** 0755-0800, 1655-1700. Time signals (one pulse each second) — **V.** Reports addressed to Chief Technician, are verified by QSL-card. IRC's not valid. QSL-costs paid by staff fund.

### EBC, SAN FERNANDO, Spain

**Addr:** Istituto y Observatorio de Marina, San Fernando, Cádiz, Spain.
**Station:** EBC 12008kHz 0959-1025, 6840kHz 1029-1055.
**Schedule:** Time signals at 1000-1025, 1030-1055. Tones of 1kHz of 0.1 sec duration, changed to 1250Hz and 0.5 sec duration at each complete minute. **V.** by letter. Rp.

### 4PB COLOMBO, Sri Lanka

**Addr:** Colombo Radio 4PB, Coastal Radio Station, Colombo 8, Sri Lanka.
**Stations:** 482, 8473kHz: 0553-0600, 1323-1330.
**Schedule:** Time signals every second of 0.1 sec duration, extended to 0.4 sec at each complete minute. During the first two minutes of each transmission the callsign is sent in slow morse — **V.** by letter Rp.

### HBG, PRANGINS, Switzerland

**Addr:** Observatoire de Neuchatel, Rue de l'Observatoire 58, 2000 Neuchatel, Switzerland. **Te:** (038) 241861.
**L.P:** Dir: J. Bonanomi.
**Station:** Prangins HBG 75kHz 20kW: 24h second pulses by carrier interruption. The minute is marked by a double interruption.
**V.** by letter. Rp.

### BSF, Taiwan

**Addr:** Telecommunications Laboratories, Ministry of Communications, P.O. Box 71, Chung-Li, Taiwan 320, Republic of China.
**L.P:** Dir: Yinn-Nien Huang.
**Station:** BSF 5000/15000kHz 5kW 0100-0900.
**Schedule:** From minutes 5-10, 15-20, 25-30, 45-50, 55-60: second pulses of 5ms duration (no modulation). From minutes 0-5, 10-15, 20-25, 30-35, 40-45, 50-55: second pulses of 5ms duration with 1kHz modulation. The modulation is interrupted 40ms before and after the pulses. Minute pulses are extended to 300ms. During the 29th & 59th minutes, a morse code and Chinese voice announcement of time — **V.** by QSL-card. Rp. (B)

### MSF, RUGBY, U.K.

**Addr:** National Physical Laboratory, Div. of Electrical Science, Teddington, Middlesex TW11 OLW, Gt. Britain. **Te:** 01-977-3222.
**Cable:** Physics, Teddington. **Telex:** 262344.
**MSF Standard Frequency Service**
**Stations:** 60kHz (50kW); 2500, 5000,10000kHz (0.5kW).
**D.Prgr:** Continuous but tr. interrupted 6 times an h, at mins 5-9½, 15-19½, 25-29½, etc. Call sign deleted from the 60kHz service, which now provides BCD Time of Day and calendar information.
**Ann:** Call sign given twice in Morse Code at minutes 9½-10, 19½-20, 29½-30 on the HF transmissions — **V.** by QSL-card (B). Rp.

### GBR, RUGBY, U.K.

**Addr:** Royal Greenwich Observatory, Time Dept, Herstmonceux Castle, Hailsham, Sussex, England BN27 1RP. **Te:** (0323)-833171. **Cable:** Observer Hailsham Telex.
Primary Time Signals are radiated by GBR (Rugby) 16kHz 750kW (radiated power: 60kW) during the 5 minutes preceding 0300, 0900, 1500 and 2100. Secondary time signals are also radiated at various times in BBC transmissions. There are six pips, and the exact time is marked by the start of the final (longer) pip.
**V.** Reports not wanted.

### USSR STANDARD FREQUENCY STATIONS

**Addr:** The State Committee of Standards of the Council of Ministers of the USSR, 9 Leninskii Prospekt, 117049, Moscow, USSR.

| City | Call | Freqs. & Power |
|---|---|---|
| **Gorki** | UTR3 | 25.0/25.1/25.5/23.0/20.5kHz 300kW |
| **Khabarovsk** | UQC3 | as Gorki |
| **Moscow** | RWM | 4996/9996kHz 5kW, 14996kHz 8kW. |
| | RBU | 66.66kHz 10kW |
| **Irkutsk** | RID | 5004/10004/15004kHz 1kW. |
| | RTZ | 50kHz 10kW. |
| | RW-166 | 200kHz 40kW. |
| **Novosibirsk** | RTA | 10000/15000kHz 5kW |
| **Tashkent** | RCH | 2500/5000/10000kHz 1kW |

**D. Prgr: Gorki:** 0536-0617, 1336-1417, 1836-1917.
**Khabarovsk:** 0036-0117, 0636-1717, 1736-1817.
**Moscow:** RBU: 2100-1700; RWM: 24h.
**Irkutsk:** RTZ: 0100-2400, RW-166: 2200-2100. RID: 24h.
**Novosibirsk:** 10000kHz: 0200-0500, 1400-1730, 1800-0130; 15000kHz: 0630-0930, 1000-1330.
**Tashkent:** RCH: 2500kHz: 0530-0400; 5000kHz: 0200-0400, 1400-1730, 1800-0130; 10000kHz: 0530-0930, 1000-1330.
**NB:** During summer time in the USSR (April 1st-Sept. 30th) some of the above times may be altered.

### YVTO, CARACAS, Venezuela

**Addr:** Observatorio Naval Cagigal, Apt. 6745, Marina 69-DHN, Caracas 103, Venezuela.
**L.P:** Dir: Eddy Mendez Perez, Captain de Navio. Dir. Tec: Jesus A Escalona.
**Station:** YVTO 6100kHz 1kW: 24h.
Second pulses of 1kHz modulation with 0.1 secs. duration. The min. is identified by a 800Hz tone and a 0.5 sec. duration. Sec. 30 is omitted. Between secs 52 and 57 of each min, voice ann. of h, min & sec — **V.** by QSL-card. Rp. (B). Re. to "Técnico Encargado".
**F.PL:** An automatic station identification system under installation. It will broadcast the following text between secs 41 and 50: "Observatorio Naval Cagigal, Caracas, Venezuela".

# BROADCASTS IN ENGLISH

prepared by Erik Køie, Copenhagen. Denmark.

**Abbreviations:** * = Nov-Feb frequency. + = March/April or summer frequency. ´ = (Oceanian Section:) March-Oct one hour later — (other sections:) subtract one hour for summer time.
a = Mon, b = Tues, c = Wed, d = Thurs, e = Fri, f = Sat, g = Sun; k = Sat/Sun, m = last Sun, mb = meter band, n = first Sun, q = Mon-Fri, r = Tues-Sat, s = also in another language, t = not Tues, u = Wed/Sat, y = not Sat.
A = Ascension Isl, An = Antigua, B = Bonaire, Be = Berlin, Bo = Bombay, By = Bethany, C = Cyprus, Ca = Carnarvon, D = Delano, Da = Daventry, Dn = Darwin, E = Masirah Isl, F = Singapore, Fl = Flevo, G = Greenville, Ga = Gabon, Gu = French Guiana, H = Hörby, K = Kigali, Ka = Karlsborg, L = Lopik, Le = Lesotho, LSB = Lower sideband, M = Madagascar, Ma = Malta, Mo = Monrovia, Mt = Montserrat, Mu = Munich, P = Philippines, S = Sackville, Si = Sines, T = via Taiwan, Ta = Tangier, U = USSR, USB = Upper sideband, Vo = Voice of, W = not Sunday, Wy = via WYFR USA.

## TO EUROPE

| Time | Station | kHz or mb |
|---|---|---|
| 0000-0030 | Israel | 7412, 9440, 9815, 11655, 15585 |
| 0000-0300 | Luxembourg | 1440, 6090 + FM |
| 0000-0200 | VoAmerica | 1197 |
| 0030-0055 | Prague | 1287, 6055, 9630 |
| 0030-0200 | BBC | 648 |
| 0100-0125 | Israel | 7412, 9440, 9815, 11655, 15585 |
| 0100-0700 | AFRTS, USA | 6030 (By) |
| 0200-0300 | Argentina | 11710, 11755, 15345 |
| 0200-0225 | Israel | 7412, 9440, 9815, 11655 |
| 0200-0300 | BBC | 200, 648 |
| 0300-0330 | BBC | 200, 639 (C), 648, 1296, 1323 (C), 3955, 3990 (C), 6050, 7130, 7185, 7210 (C), 9410 |
| 0330-0430 | Korea | 11820, 15575 |
| 0330-0400 | BBC | 200, 648, 1323 (C), 3955, 6050, 7185, 9410 |
| 0400-0430 | BBC | 200, 648, 1296, 1323 (C), 3955, 5975, 6050, 6180 (C), 7120, 7185, 7260 (C), 9410, 12095 |
| 0400-0430 | VoAmerica | 792, 6040, 6060, 7170, 7200 |
| 0415-0430 s | Italy | 6165, 7275 |
| 0430-0445 | BBC | 200, 648, 1296, 1323 (C), 3990 (C), 5975, 6050, 6180 (C), 7185, 9410, |
| 0430-0500 | VoAmerica | 1197, 3980, 6040, 7170, 7200 |
| 0445-0500 | BBC | 200, 1323 (C), 3990 (C), 5975, 6050, 6180 (C), 7185, 9410 |
| 0500-0515 | Israel | 9009, 9440*, 9815, 11655+ |
| 0500-0800 | Kuwait | 15345 |
| 0500-0600 | Nigeria | 15119, 17800 |
| 0500-0530 | BBC | 200, 1323 (C), 3990 (C), 3970, 5975, 6050, 6180 (C), 7120, 7185, 9410, 9580 (C), 12095, |
| 0500-0600 | VoAmerica | 792, 6040, 6060, 7170, 7200 |
| 0530-0545 | Prague | 1287, 6055, 9505, 11990 |
| 0530-0555 | Finland | 6120, 11755 |
| 0530-0625 | Holland | 9895 (Fl) |
| 0530-0600 | TWR, Monaco | 11715 |
| 0530-0545 | BBC | 1323 (C), 3970, 3995, 5975, 6050, 6180 (C), 7120, 7185, 9410, 9580 (C), 12095 |
| 0530-0545 | BBC, Engl. by R. | 810 (Be), 3950, 6150, 7235, 7285 (C), 9750 |
| 0545-0600 | BBC | 639 (C), 648, 1323 (C), 3970, 6010, 6050, 6180 (C), 7120, 7185, 9410, 9580 (C), 12095 |
| °0600- | Vatican | 1530, 6185, 9645 |
| 0600-0750 | Pyongyang | 9360, 11660, 11985 |
| 0600-0630 | BBC | 639 (C), 648, 810 (Be), 1323 (C), 3995, 3955, 6010, 6050, 6180 (C), 6195, 7120, |
| 0600-0630 | BBC | 7185, 7230, 9410, 9580 (C), 9915, 11760 (C), 12095 |
| 0600-0700 | VoAmerica | 792, 3980, 6040, 6060, 7170, 7200, 7325 |
| 0615-0630 q | Canada | 6140, 7155 (Da), 9760, 11775 (Da), 11805 (Da)+, 11825+, 15235 (Da), 17860 (Da)* |
| 0630-0700 | Tirana | 7080, 9500 |
| 0630-0700 | Japan | 9570 |
| 0630-0700 | Poland | 6135, 7270, 9675 |
| 0630-0730 | South Africa | 15220, 17780 |
| 0630-0700 | BBC | 639 (C), 1323 (C), 3995, 6010, 6050, 6180 (C), 7120, 7185, 9410, 9580 (C), 11760 (C), 12095 |
| 0645-0700 | BBC, Engl. by R. | 648, 810 (Be), 1296, 3955, 3975, 6150, 6195, 7260, 9825, 11945 (C) |
| 0645-0700 q | Canada | 6140, 7155 (Da), 9760, 11775 (Da), 11805 (Da)+, 11825+, 15235 (Da), 17860 (Da)* |
| 0645-0700 q | HCJB, Ecuador | 5980 |
| 0700-0830 | HCJB, Ecuador | 5980, 9655 |
| 0700-0720 | Holland (Fl) | 5955, 9630, 9895, 11930, 15235, 21575 (Ga) |
| 0700-0800 | Japan | 15119, 17800 |
| 0700-0800 | Nigeria | 3985, 6165, 9535 |
| 0700-0730 | Switzerland | 639 (C), 648, 810 (Be), 1296, 1323 (C), 3955, 3995, 6010, 6050, 6180 (C), 6195, 7120, 7150, 7185, 7230, 9410, 9580 (C), 9915, 11760 (C), 12095, 15070, |
| 0700-0730 | BBC | |
| 0700-0800 | VoAmerica | 792, 1197, 3980, 6035, 6060, 7170, 7200, 7325, 9650 |
| 0700-0715 r | UN R. | 7768.5 (G, LSB), 9565 (G), 11875 (G), 15245 (Ta), 17815 (Ta) |
| °0725-0800 | TWR, Monaco | 7160, 9610 |
| 0730-0800 | Bulgaria | 9700, 11720, |
| 0730-0755 | Finland | 6120, 11755 |
| 0730-0800 | BBC | 639 (C), 648, 1323 (C) k, 5975, 7150, 12095, 15070 |
| 0730-0745 | BBC, Engl. by R. | 1296, 3955, 6195, 7230, 9915 |
| 0745-0800 | Prague | 1071, 1287, 6055, 9505 11990 |
| °0800-1100 | TWR, Monaco | 9610 |
| 0800-0900 | BBC | 639 (C) k, 648, 1323 (C) k, 5975, 7150, 9410, 9750, 9760, 12095, 15070, 21710 |
| 0830-0900 | Austria | 6000, 6155 |
| 0800-0930 f | Finland | 15265 |
| 0830-1000 | Nigeria | 15119, 17800 |
| 0845-0900 | Prague | 1071, 1287, 6055, 9505, 11990 |

| Time | Station | kHz or mb |
|---|---|---|
| 0900-0930 | Japan | 15235 |
| °0900-0930 g | Adv. World R. | 9670 (Si) |
| 0900-1000 | BBC | 639 (C) k, 648, 1323 (C), 5975, 9410, 9660 (C), 9750, 9760, 12095, 15070, 17705, 17790, 21470, 21550, 21710 |
| 0900-1100 | AFRTS, USA | 9590 (G) |
| 0930-1020 | Holland | 5955 (Fl), 6045 (L), 9895 (Fl), 11930 (Fl), 15560 (Fl) |
| 0930-0955 | Finland | 15265 |
| 0945-1000 W | Prague | 1071, 1287, 6055, 9505, 11990 |
| 1000-1300 | Saudi Arabia | 11855 |
| 1000-1030 | BBC | 639 (C) k, 648, 1323 (C), 5975, 6180 (C), 9410, 9660 (C), 9750, 9760, 12095, 15070, 17705, 17790, 21470, 21550, 21710 |
| 1030-1130 | Dubai | 17830, 21605, 21695 |
| 1030-1130 | BBC | 639 (C), 648, 1323 (C), 5975, 6180 (C), 9410, 9660 (C), 9750, 9760, 12095, 15070, 17705, 17790, 21470, 21550, 21710 |
| 1045-1100 W | Prague | 1071, 1287, 6055, 9505, 11990 |
| 1045-1100 W | Romania | 11940, 15250, 17720 |
| 1100-1130 | Israel | 11655, 15585, 17630 |
| 1100-1115 | Pakistan | 17660, 21485 |
| 1100-1130 | Sweden | 9630 (Ka) |
| °1100-1130 | Switzerland | 3985, 6165, 9535, 12030 |
| 1100-1130 m | Red Cross, Geneva | 7210 |
| 1100-0100 | AFRTS, USA | 15430 (G) |
| 1130-1200 | BBC | 639 (C) W, 1323 (C), 5975, 6180 (C) k, 9410, 9750, 9760, 12095, 15070, 17705, 17790, 21470, 21550, 21710, |
| 1145-1157 W | Prague | 1071, 1287, 6055, 9505, 11990 |
| 1150-1220 q | Hungary | 6025, 7155, 9585, 9835, 11910, 15160 |
| 1200-1225 | Poland | 6095, 7285 |
| 1200-1445 | BBC | 648, 1323 (C), 5975, 6180 (C) k, 9410, 9750, 9760, 12095, 15070, 17705, 17790, 21470, 21550, 21710 |
| °1215-1230 g | BBC, Engl. by R. | 1296, 6125 |
| 1230-1300 | Austria | 6000, 6155, 9770 |
| 1230-1300 | Bangladesh | 17800, 21670 |
| °1230-1300 | BBC, Engl. by R. | 1296, 6125, 6180 (C), 9635 (C), 9660, 11780, 11795, 12040, 15270, 15390, 15435 (C), 17695, 17800, 21710 |
| 1300-1330 g | Norway | 9590 |
| 1300-1330 | Romania | 9690, 11940, 15250, 17720 |
| 1315-1345 | Switzerland | 3985, 6165, 9535, 12030 |
| 1330-1420 | Holland | 5955 (Fl), 6045 (L), 9895 (Fl), 11935 (Fl), 17605 (Fl) |
| 1400-1415 j | Budapest (DX) | 6025, 7205, 9585, 9835, 11910, 15160 |
| 1400-1430 | Poland | 6095, 7285 |
| 1430-1500 | BBC | 648, 1323 (C), 5975, 6180 (C)k, 9410, 9750, 9760, 12095, 15070, 17705, 17790, 21470, 21710 |
| °1445- | Vatican | 1530, 6250, 7250, 9645, 11740 |
| 1500-1530 | Austria | 6000, 6155, 12015 |
| 1500-1600 | Japan | 7235, 21695 (Ga) |
| 1500-1530 q | Poland | 1503, 5995, 6095, 7285 |
| 1500-1515 | BBC | 648, 1323 (C), 3955, 5975, 6180 (C), 7325, 9410, 9750, 9760, 12095, 15070, |
| 1500-1515 | BBC | 17705, 17790, 21470, 21710 |
| 1515-1615 | BBC | 648, 1323 (C), 3955, 5975, 6180 (C), 7325, 9410, 9750, 12095, 15070, 17705 |
| 1530-1625 | Prague | 6055, 7345 |
| 1530-1600 | Switzerland | 3985, 6165, 9535 |
| 1530-1600 | Yugoslavia | 9620, 15240, 15415 |
| 1537-1545 | Canada | 9555 (Da), 11915 (Si), 11935 (Da), 15315 (Si), 15325, 17820W, 21605W |
| 1600-1700 | Dubai | 15140, 15320, 21605 |
| 1600-1700 | France | 6175 |
| 1600-1700 | Korea | 9870 |
| 1600-1630 | Poland | 6135, 9540 |
| 1600-1630 | Sweden | 1179 (H), 6065 (Ka) |
| 1600-2000 s | WINB, USA | 17730 |
| 1600-1700 | WYFR, USA | 15440, 17845, 21510, 21615 |
| 1615-1700 | RBI, GDR | 6115, 7185, 9730 |
| 1615-1700 | BBC | 648, 1323 (C), 5975, 7325, 9410, 12095, 15070 |
| 1630-1700 | Tirana | 7065, 9480 |
| 1630-1657 | Prague | 5930, 7345 |
| 1645-1700 | Canada | 15325, 17820W, 21695W |
| 1700-1800 | Argentina | 15345 |
| 1700-1800 | Cuba | 9695 |
| 1700-1730 | Budapest | 6025, 7155, 9585, 9835, 11910, 15160 |
| 1700-1730 | Japan | 7235 |
| 1700-1855 W | R. Pilipinas | 9580 |
| 1700-1730 q | Poland | 1503, 5995, 9675 |
| 1700-2100 | Saudi Arabia | 11855 |
| 1700-1745 | BBC | 648, 810 (Be), 1296, 1323 (C), 3955, 3990 (C), 5975, 6180 (C), 6195, 7325, 9410, 12095, 15070 |
| 1700-1730 | VoAmerica | 1197, 3980, 6040, 9760, 11760 |
| 1730-1800 | Poland | 6135, 9540 |
| 1730-1800 | VoAmerica | 6040, 9760, 11760 |
| 1730-2000 | KNLS, Alaska | 7355 |
| 1745-1830 | RBI, GDR | 6115, 7260, 9730 |
| 1745-1800 | BBC | 1323 (C), 3990 (C), 5975, 6180 (C), 7325, 9410, 12095, 15070 |
| °1745-1800 | BBC, Engl. by R. | 648, 810 (Be), 3955, 6195, 7165 |
| 1750-1850 | Brazil | 15270 |
| 1800-1815 | Israel | 9385, 11583 |
| 1800-2100 | Kuwait | 11675 |
| 1800-1900 | Nigeria | 15119, 17800 |
| 1800-1830 | BBC | 1323 (C), 3995, 5975, 6180 (C), 7325, 9410, 12095, 15070 |
| 1800-1930 | VoAmerica | 792, 6040, 9760, 11760 |
| 1800-1830 | Hanoi, Vietnam | 10040, 15010 |
| 1815-1915 | Bangladesh | 7280, 9540 |
| 1815-1900 g | Luxembourg | 1440 |
| 1815-1845 | Switzerland | 3985, 6165 |
| 1830-1900 | Tirana | 7065, 9480 |
| 1830-1900 | Austria | 6000, 6155 |
| 1830-1920 | Holland | 6020 (L) |
| 1830-1855 | Poland | 1503, 5995, 6135, 7285 |
| °1830-1930 | Spain | 7450*, 11840+, 15525+ |
| 1830-1900 | Sweden | 1179 (H), 6065 (Ka) |
| 1830-2000 | BBC | 1323 (C), 3995, 5975, 6180 (C), 7325, 9410, 12095 |
| 1830-1840 q | UN R. | 15120 (G), 15360 (Ta), 18782.5(G,LSB), 20060 (G,LSB), 21710 (G) |
| 1830-1900 | Yugoslavia | 6100, 9620, 11735 |
| 1845-2000 | All India R. | 7170, 9665, 11620 |
| 1845-1945 | Korea | 15575 |
| 1845-1900 | BBC, Engl. by R. | 6195 (C) |
| 1900-1930 | Afghanistan | 9665 (U), 11960 (U), 15077 |
| 1900-1930 | Canada | 5995 (Da), 7235 (Da)*, 7285 (Da)+, 11905* 11945*, 15325, 17875 |
| 1900-2000 | China | 6860*, 9860, 11500+ |
| 1900-1927 | Prague | 5930, 7345 |
| 1900-2000 | HCJB, Ecuador | 17790, 21480 |

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| Time | Station | kHz or mb |
|---|---|---|
| 1900-1930 | Japan | 7235 |
| 1900-2400 | R. Luxembourg | 1440 |
| 1900-1930 g | R. Norway | 9615 |
| 1900-2000 | WYFR, USA | 9852.5, 11805, 11925, 15566 |
| 1900-1930 | Kiev | 49,41 mb. |
| 1900-1930 | Hanoi, Vietnam | 10040, 15010 |
| °1910-1930 g | Belgium | 1512, 5895 |
| °1915-2000 W | Belgium | 1512, 5895 |
| 1915-2000 | Deutschlandfunk | 1269 |
| 1915-2000 | RBI, GDR | 1359, 6080, 6115 |
| 1920-1930 | Greece | 6225, 7370, 9420 |
| 1930-2000 | Bulgaria | 6070, 9700 |
| 1930-2000 k | Canada | 5995 (Da), 7235 (Da)*, 7285 (Da)+, 11905*, 11945+, 15325, 17875 |
| 1930-1955 | Finland | 6120, 9540, 11755 |
| 1930-2030 | Iran | 9022, 11930 |
| 1930-2000 | Japan | 6080, 7105 |
| 1930-2000 | Romania | 6150, 7145, 7195, 9690 |
| 1930-2200 | VoAmerica | 6040, 9760, 11760 |
| 1935-1955 | Italy | 7275, 7290, 9575 |
| 2000-2030 | Algeria | 254, 981, 9685, 15215, 17745 |
| 2000-2030 q | Canada | 5995 (Da), 11905*, 11945+, 15140*, 15325, 17820+, 17875 |
| 2000-2027 | R. Prague | 5930, 7345 |
| 2000-2230 | All India R. | 7170, 9665, 9912, 11620 |
| 2000-2030 | Israel | 7412*, 9440, 9815, 11655+ |
| 2000-2150 | Pyongyang | 6576, 9360, 11660 |
| 2000-2030 g | Norway | 6015, 7215, 9525 |
| 2000-2025 q | Poland | 1503, 5995, 6095, 7285 |
| 2000-2100 | Turkey | 7215 |
| 2000-2030 | BBC | 639 (C), 648, 810 (Be), 1323 (C), 3955, 3995, 5975, 6180 (C), 6195, 7325, 9410, 12095 |
| 2000-2100 | WYFR, USA | 9600, 9852.5, 11805, 11925, 17845 |
| 2000-2100 | Moscow | 49, 41, 31+, 25+ mb. |
| 2000-2030 | Yugoslavia | 6100, 7240, 9620 |
| 2002-2245 s | WINB, USA | 15185 |
| 2010-2140 | Cuba | 11850 |
| 2030-2100 | Tirana | 1395, 7065 |
| 2030-2040 | Finland | 254, 963 |
| 2030-2115 | IBRA R. Malta | 9590 |
| 2030-2055 | Poland | 6095, 7285 |
| 2030-2100 | Portugal | 7170, 9605, 11740 |
| 2030-2130 | Taiwan | 9610, 9765, 11725, 11860, 15225 |
| 2030-2115 | BBC | 639 (C), 1323 (C), 3990 (C), 5975, 6180 (C), 7325, 9410 |
| 2030-2100 | Hanoi, Vietnam | 10040, 15010 |
| °2050- | Vatican | 1530, 6190, 7250, 9645 |
| 2100-2200 | China | 6860*, 9860, 11500+ |
| 2100-2130 | Hungary | 6110, 9585, 9835, 11910 12000 |
| 2100-2130 | Japan | 7235 |
| 2100-2200 | Nigeria | 15119,17800 |
| 2100-2130 | Romania | 6150, 7145, 7195, 9690 |
| 2100-2156 | South Africa | 9585, 11900, 15155 |
| 2100-2200 | WYFR, USA | 17845 |
| 2115-2245 | Egypt | 9805 |
| 2115-2200 | BBC | 639 (C), 648, 1323 (C), 3990 (C), 5975, 6180 (C), 7325, 9410 |
| 2115-2145 | BBC, Engl. by R. | 6030 (C), 7140 (C) |
| 2130-2200 | Austria | 5945, 6000, 7130 |
| 2130-2200 | Bulgaria | 6070, 7115, 9665 |
| 2130-2200 | Prague | 1287, 6055 |
| 2130-2200 | HCJB, Ecuador | 15295, 17790, 21480 |
| 2130-2215 | RBI, GDR | 6080, 9620 |
| °2130-2230 | Iraq | 9610 |
| 2145-2215 | Switzerland | 3985, 6165 |
| 2200-2230 | Tirana | 1395, 7065, 9480 |
| °2200-2245 | Belgium | 1512, 5895, 9475 |
| 2200-2300 q | R. Canada | 9760, 11925*, 11960+ 15325+ |
| 2200-2300 | Cuba | 7135 (U) |
| 2200-2225 | Finland | 254, 963 |
| 2200-2300 | Korea | 15575 |
| 2200-2315 | TWR, Monaco | 1467 |
| 2200-2230 g | Norway | 9520 |
| 2200-2300 | Turkey | 5960, 9560, 9730, 9755 |
| 2200-2245 | BBC | 639 (C), 648, 1323 (C), 3955, 3990 (C), 5975, 6180 (C), 7325, 9410 |
| 2200-2300 | WYFR, USA | 7355, 9852.5, 15355 |
| 2215-2300 | RBI, GDR | 1359, 6080 |
| 2215-2230 | Yugoslavia | 1269, 6100, 7240, 9620 |
| 2225-2400 f | Finland | 254, 963 |
| 2230-2330 | Bulgaria | 9700, 11720 |
| 2230-2300 | Israel | 7412, 9440, 9815, 12025, 15585 |
| 2230-2300 | Poland | 1503, 5995, 6135, 7125, 7270 |
| °2230-2245 | BBC, Engl. by R. | 1296 |
| 2230-2300 | Vilnius | 666 kHz, 49 mb. |
| 2245-2315 | BBC | 639 (C), 648, 1296, 1323 (C), 3955, 3990, 5975, 6180 (C), 7325, 9410 |
| 2247-2345 s | WINB, USA | 15145 |
| 2300-2330 | Japan | 7105 |
| °2300-2400 | Spain | 5960*, 7450*, 9780, 11690+ |
| 2300-2330 | Sweden | 1179 (H) |
| 2300-2400 | WYFR, USA | 15355 |
| 2315-0030 | BBC | 648, 5975, 7325, 9410 |

## TO AFRICA

| Time | Station | kHz or mb |
|---|---|---|
| 0000-0030 | Israel | 7412, 9440, 9815, 11655, 15585 |
| 0100-0125 | Israel | 7412, 9440, 9815, 11655, 15585 |
| 0200-0225 | Israel | 7412, 9440, 9815, 11655 |
| 0215-0230 r | UN R. | 6190 (Mo), 10454 (G,LSB), 10869 (By, USB), 11780 (Mo) |
| 0300-0456 | South Africa | 3230, 4990, 5980, 7270, 9585 |
| 0300-0330 | TWR, Swaziland | 3240 |
| 0300-0330 | BBC | 7160 (C), 7185, 9410, 9600 (A) |
| 0300-0430 | VoAmerica | 621, 6035, 7280, 9550, 11720, 11835 |
| 0315-0330 | France | 11705 (Ga), 15200, 15315, 17620, 17795, 21685 |
| 0330-0430 | Tanzania | 1035, 9749 |
| 0330-0400 | BBC, Afr. Serv. | 7160 (A), 9600 (A) |
| 0330-0400 | BBC | 7185, 9410 |
| 0345-0400 | France | 11705 (Ga), 15200, 15315, 17620, 17795, 21685 |
| 0400-0730 | Australia | 17865, 21525 |
| 0400-0500 | Bulgaria | 7280, 11735 |
| 0400-0430 a | Norway | 9580 |
| 0400-0500 k | FEBA, Seychelles | 11800, 15200 |
| 0400-0430 | BBC | 6005 (A), 6190 (Le), 7105 (A), 7160 (C) 7185, 9410, 9600 (A) |
| 0415-0430 | France | 11705 (Ga), 15200, 15315, 17620, 17795, 21685 |
| 0415-0440 s | Italy | 6165, 7275 |
| 0430-0500 | Tirana | 7300, 9480 |
| 0430-0515 | Deutsche Welle | 6065, 7150, 7225 (K), 9565 (K), 9765 |
| 0430-0500 | TWR, Swaziland | 3200+, 5055, 6070+, 9725 |
| 0430-0445 | BBC | 6005 (A), 6190 (Le), 7185, 9410, 11750 (C), 11860 (A), 15420 (C) |
| 0430-0500 | VoAmerica | 6035, 7280, 9550, 11835 |
| 0445-0500 | France | 11705 (Ga), 15200, 15315, 17620, 17795, 21685 |
| 0445-0530 | RBI, GDR | 9500, 11960 |
| 0445-0500 | BBC | 6005 (A), 6190 (Le), 7105 (A), 7185, 9410, 9600 (A), 9915, 11750 (C), 11860 (A), 15420 (C) |
| 0450-0730 gs | Zambia | 11850 |

| Time | Station | kHz or mb |
|---|---|---|
| 0500-0600 | Nigeria | 7255, 11770, 15119, 15185 17800 |
| 0500-0530 a | Norway | 11865 |
| 0500-0530 | TWR, Swaziland´ | 3200+, 5055, 6070+, 9725 |
| 0500-0515 | BBC, Afr. Serv. | 6005 (A), 6190 (Le), 7105 (A), 9600 (A), 9915, 11860 (A) |
| 0500-0530 | BBC | 5975, 7185, 9410, 11750 (C), 15420 (C) |
| 0500-0600 | VoAmerica | 5995, 7170, 7280, 9670, |
| 0500- | Vatican | 11725, 15190 |
| 0515-0545 | BBC, Afr. Serv. | 6005 (A), 6190 (Le), 11860 (A) |
| 0530-0600 | Romania | 9510, 9685, 11840, 11940, 15340, 15380 |
| 0530-0600 | TWR, Swaziland | 3200+, 5055, 6070+, 7295, 9725 |
| 0530-0545 | BBC | 5975, 7185, 9410, 11750 (C), 15420 (C) |
| 0545-0600 | BBC | 6010, 7185, 9410, 9515 (Le), 9600 (A), 11860 (A), 15420 (C) 17885 (C) |
| 0545-0600 r | UN R. | 9540 (G), 11740 (G) |
| 0600-0630 | Deutsche Welle | 9570, 9615, 11765, 11905, 15260, 17875 |
| 0600-0700 | Nigeria | 11770, 15185 |
| 0600-0615 | TWR, Swaziland | 6070+, 7295, 9725 |
| 0600-0615 | BBC | 6010, 7105 (A), 7185, 7230, 9410, 9515 (Le), 9600 (A), 9915, 11860 (A), 12095, 15070, 15420 (C), 17885 (C) 21660 (C) |
| 0600-0700 | VoAmerica | 3990, 5995, 6080, 6095, 6125, 7170, 9530, 9540, 9550, 9670, 11840, 11915 |
| 0615-0630 q | R. Canada | 6140, 7155 (Da), 9760, 11775 (Da), 11805+, 11825+, 15235 (Da), 17860 (Da)* |
| 0615-0700 | TWR, Swaziland | 6070*, 7295, 9725, 11760 |
| 0615-0630 | BBC | 7105 (A), 7185, 7230, 9410, 9515 (Le), 9600 (A), 9915, 11860 (A), 12095, 15070, 15400 (A), 15420 (C), 17885 (C), 21660 (C) |
| 0615- W | Vatican | 15190, 17730 |
| 0630-0730 | South Africa | 7270, 11900 |
| 0630-0700 | BBC, Afr. Serv. | 9515 (Le), 11860 (A), 15400 (A) |
| 0630-0700 | BBC | 7185, 9410, 12095, 15070, 15420 (C), 17885 (C), 21660 (C) |
| 0645-0700 q | R. Canada | 6140, 7155 (Da), 9760, 11775 (Da), 11805+, 11825+, 15235 (Da), 17860 (Da) |
| 0700-0720 | Holland | 9715 (B), 9770 (B), 21475 (M), 21485 (M) |
| 0700-0730 k | ELWA, Liberia | 11830 |
| 0700-0800 | Nigeria | 11770, 15119, 15185, 17800 |
| 0700-0730 | TWR, Swaziland | 6070+, 7295, 11760 |
| 0700-0730 | BBC | 7185, 7230, 9410, 9515 (Le), 9600 (A), 9915, 11860 (A), 12095, 15070, 15400 (A), 15420 (C), 17885 (C), 21660 (C) |
| 0700-0800 | VoA | 3990, 5995, 6035, 6080, 6095, 6125, 7170, 7280, 7325, 9530, 9540, 9550, 9670, 11840, 11915 |
| 0715- W | Vatican | 11725, 15190 |
| 0730-0800 f | ELWA, Liberia | 11830 |
| 0730-0800 | BBC, Afr. Serv. | 9600 (A), 11860 (A), 15105 (A) |
| 0730-0800 | BBC | 9515 (Le), 12095, 15070, 15400 (A), 15420 (A)k, 17885 (C)k, 21660 (C)k |
| 0800-0830 | Nigeria | 7255, 11770, 15185 |
| 0800-0815 | BBC | 9515 (Le), 11860 (A), 12095, 15070, 15400 (A), 15420 (C)k, 17885 (C)k, 21660 (A)k, 21710 |
| 0815-0830 r | UN R. | 9680 (G), 11740 (G), 11825 (G), 15235 (Mo), 17860 (Mo) |
| 0830-1000 | Nigeria | 7255, 11770, 15119, 15185, 17800 |
| 0900-0915 | BBC | 9515 (Le), 11860 (A), 12095, 15070, 15400 (A), 15420 (C), 17705, 17885 (C), 21660 (C), 21710, 25650 |
| 0900-1100 | AFRTS, USA | 9530 (By) |
| 0915-1015 | BBC | 9515 (Le), 11860 (A), 12095, 15070, 15400 (A), 15420 (C), 17705, 17885 (C), 21660 (A), 21710, 25650 |
| 1000-1050 | Nigeria | 7255 |
| 1015-1030 | BBC | 9515 (Le), 11860 (A), 11830 (Le)k, 12095, 15070, 15400 (A)k, 15420 (C), 17705, 17885 (C) 21470, 21660 (A), 21710, 25650 |
| 1030-1130 | Dubai | 1730, 21605, 21695 |
| 1030-1530 k | Tanzania | 1035, 9749 |
| 1030-1130 | BBC | 11830 (Le), 12095, 15070, 15400 (A), 15420 (C), 17705, 17885 (C), 21470, 21660 (A), 21710, 25650 |
| 1050-1230 gs | Zambia | 11850 or 17895 |
| 1100-1200 | Korea | 15575 |
| 1100-1130 | Mozambique | 9525, 11820, 11835 |
| 1100-1156 | South Africa | 15220, 21535, 25790 |
| 1100-1130 | Switzerland | 15430, 17795, 21520, 21770 |
| 1100-1700 | AFRTS, USA | 15330 (By) |
| 1115- | Vatican | 17840, 21485 |
| 1130-1330 | BBC | 11830 (Le), 12095, 15070, 15420 (C), 17705, 17885 (C), 21470, 21660 (A), 21710, 25650 |
| 1200- | Vatican | 17840, 21485 |
| 1230-1315 | Deutsche Welle | 15410 (K), 17765, 17800 (K), 21600 |
| 1230-1300 | Poland | 9525, 9675, 11840, 15120 |
| 1230-1300 | Sweden | 21690 (Ka) |
| 1245-1330 | RBI, GDR | 9665, 11890 |
| 1300-1330 g | Norway | 21730 |
| 1300-1556 | South Africa | 9585, 15220, 25790 |
| 1330-1345 | Senegal | 1305, 11895 |
| 1330-1400 | BBC | 11830 (Le), 12095, 15070, 15420 (C), 17705, 17885(C), 21470, 21660 (A), 21710 |
| 1345-1630 g | ELWA, Liberia | 11830 |
| 1345-1415 | TWR, Swaziland | 9825 |
| 1430-1457 | Prague | 7345, 9605, 15110, 15205, 17705, 21505 |
| 1430-1445 | BBC | 11830 (Le), 12095, 15070, 15420 (C), 17705, 17870 (A), 21470 |
| 1445-1500 | BBC | 11830 (Le), 12095, 15070, 15400 (A), 15420 (C), 17705, 17870 (A), 21470 |
| 1500-1600 | Ethiopia | 990, 7165, 9560 |
| 1500-1550 | Deutsche Welle | 9735 (K), 11965 (K), 15135, 21600 |
| 1500-1600 | Nigeria | 7255, 11770 |
| 1500-1530 | BBC, Afr. Serv. | 15430 (C), 17740 (C), 18080, 21640 (C) |
| 1500-1515 | BBC | 12095, 15070, 15400 (A), 15420 (C), 17705, 17870 (A), 21470, 21660 (A), 21710 |
| 1504-1528 | Finland | 21475 |
| 1515-1600 | BBC | 6190 (Le), 12095, 15070, 15400 (A), 15420 (C), 17705, 17870 (A), 21660 (A), 21710 |
| 1530-1625 | Prague | 6055, 7345, 9605, 11990, 15110, 15205, 17705, 21505 |
| 1530-1915 | Tanzania | 1035, 9749 |
| 1530-1600 | Switzerland | 12035, 15430, 17830 |
| 1545-1630 | RBI, GDR | 11785, 15255 |
| 1545- | Vatican | 11810, 15120, 17730 |
| 1550-2100 s | Zambia | 9505 |
| 1600-1800 | China | 9860*, 11600, 15165+ |

| Time | Station | kHz or mb |
|---|---|---|
| 1600-1700 | Comoro | 1089, 3331 |
| 1600-1700 | Dubai | 15140, 15320, 21605 |
| 1600-1700 | France | 11705 (Ga), 15200, 15315, 17620, 17795, 21685 |
| 1600-1700 | Korea | 11810 |
| 1600-1700 | Nigeria | 7255 |
| 1600-1630 g | Norway | 15165 |
| 1600-1615 | Pakistan | 15580, 17680 |
| 1600-1615 | BBC | 6190 (Le), 9410, 12095, 15070, 15400 (A), 15420 (C), 17705, 17880 (A), 21660 (A), 21710 |
| 1600-1700 | VoAmerica | 7195, 9575, 11920, 15410, 15445, 15580, 15600, 17785, 17870, 21485, |
| 1600-2000 s | WINB, USA | 17730 |
| 1600-1700 | WYFR, USA | 15440, 17845, 21510, 21615 |
| 1600-1630 | Hanoi, Vietnam | 10040, 15010 |
| 1615-1645 | BBC, Afr. Serv. | 6190 (Le), 15400 (A), 17880 (A), 21710 (A) |
| 1615-1645 | BBC | 9410, 11955 (F), 12095, 15070, 15420 (C) |
| 1630-1830 | Egypt | 15255 |
| 1630-1700 | Poland | 7125, 9525, 9675, 11840 |
| 1630-1700 | TWR, Switzerland | 4790+, 9825*, 9830+ |
| 1630-1730 | Uganda | 9515 |
| 1630-1700 | Peace & Progress | 31, 25, 19+, 13+ mb. |
| 1645-1700 | BBC | 6190 (Le), 9410, 12095, 15070, 15400 (A), 15420 (C), 17880 (A), 21710 (A) |
| 1700-1800 | Argentina | 15345 |
| 1700-1800 | Cuba | 9695 |
| 1700-1800 g | Norway | 15220 |
| 1700-1730 g | R. Portugal | 17880 |
| 1700-1800 | TWR, Swaziland | 3200+, 4760* |
| 1700-1745 | BBC, Afr. Serv. | 6190 (Le), 9610 (C), 15400 (A), 15420 (C), 17880 (A), 21710 (A) |
| 1700-1745 | BBC | 1413 (E), 7325, 9410, 11955 (F), 12095, 15070 |
| 1700-1730 | VoAmerica | 6040, 7195, 9575, 11920, 15205, 15410, 15445, 15580, 15600, 17785, 17870, 21485 |
| 1700-2300 | AFRTS, USA | 15345 (By) |
| 1730-1800 | VoAmerica | 621, 6040, 7195, 9575, 11920, 15205, 15410, 15445, 15580, 15600, 17785, 17870, 21485 |
| 1730-1800 | Tirana | 11985, 15435 |
| 1730-1825 | Prague | 5930, 7345, 9605, 11990, 15110, 15205, 17705, 21505 |
| 1730-1800 | Romania | 9570, 9640, 11790, 11885, 15365, 15380 |
| 1745-1815 | Sri Lanka | 11800 |
| 1745-1800 | BBC | 1413 (E), 6190 (Le), 7325, 9410, 11955 (F), 12095, 15070, 15400 (A) |
| 1800-1830 | Canada | 15260, 17820 |
| 1800-2130 s | Equat. Guinea | 15110 |
| 1800-2000 | All India R. | 11830, 15265 (Bo) |
| 1800-1830 | Japan | 9645, 11840 |
| 1800-1900 | Libya | 15450 |
| 1800-1830 | Mozambique | 1079, 3265, 4855, 9620 |
| 1800-1900 s | Nigeria | 7255, 11770, 15119, 17800 |
| 1800-1830 g | Portugal | 15250, 17880 |
| 1800-1845 | TWR, Swaziland | 3200+, 4760*, 9825, 9830+ |
| 1800-1830 | BBC | 1413 (E), 6190 (Le), 7325, 9410, 11820 (A), 11955 (F), 12095, 15070, 15400 (A) |
| 1800-1830 | VoAmerica | 621, 6040, 7195, 9575, 11920, 15205, 15410, 15445, 15580, 15600, 17785, 17870, 21485, 21660 |
| 1815-1900 | RBI, GDR | 9665, 15170, 15390 |
| 1815-1845 | Switzerland | 9535, 9885, 11870, 12035 |
| 1830-1900 | Austria | 11660, 15460 |
| 1830-1900 | Bulgaria | 9560, 9740, 11735, 11840 |
| 1830-1900 k | Canada | 15260, 17820 |
| 1830-1920 | Holland | 6020 (L), 6020 (M), 9540 (M) |
| 1830-2000 | Ivory Coast | 1241, 4940, 7215, 11920 |
| 1830-1855 | Poland | 7125, 9525, 9675, 11840 |
| 1830-1900 | R. Sweden | 11845 (H) |
| 1830-1900 | BBC | 1413 (E) f, 6190 (Le), 7325, 9410, 11820 (A), 12095, 15070, 15400 (A) |
| 1830-1900 | VoAmerica | 621, 6040, 7195, 9575, 9760, 11920, 15205, 15410, 15445, 15580, 15600, 17785, 17870, 21485, 21660 |
| 1830-1840 q | UN R. | 15120 (G), 15360 (Ta), 18782.5 (G, LSB), 20060 (G, LSB), 21710 (G) |
| 1840-1850 | Greece | 11645, 15630t, 17565t |
| 1845-2015 | TWR, Swaziland | 3200+, 4760* |
| 1900-1930 q | Canada | 15260, 17820 |
| 1900-2030 | Nigeria | 7255, 11770 |
| 1900-1930 g | Norway | 9615, 11945 |
| 1900-2000 | BBC | 1413 (E), 6190 (Le), 7325, 9410, 11820 (A), 12095, 15070, 15400 (A) |
| 1900-2200 | VoAmerica | 621, 6040, 6045, 7195, 9620, 9760, 15205, 15410, 15445, 15580, 15600, 17785, 17870, 21485, 21660 |
| 1900-2000 | WYFR, USA | 9852.5, 11805, 11925, 15566 |
| °1910-1930 g | Belgium | 5895, 15590 |
| °1915-2000 W | Belgium | 5895, 15590 |
| 1930-2000 | Tirana | 7075, 9500 |
| 1930-2130 | China | 6955*, 7480*, 9440, 11515+, 11910+ |
| 1930-2020 | Deutsche Welle | 7225, 9700, 11785 |
| 1930-2030 | Iran | 9022, 11930 |
| 1930-2030 | Spain | 9780*, 11690, 15375+, |
| 1945-2030 | RBI, GDR | 9665, 11785, 15390 |
| 1945-2045 | All India R. | 9755, 11865 |
| 2000-2030 | Algeria | 254, 981, 9685, 15215 17745 |
| 2000-2030 | Israel | 9009, 12080 |
| 2000-2030 g | Norway | 6015, 7215, 9525 |
| 2000-2030 | Poland | 7125, 7145, 9525, 9675 |
| 2000-2030 | BBC | 1413 (E), 5975, 6005 (A), 6180 (C), 6190 (Le), 7325, 9410, 11820 (A), 12095, 15070, 15400 (A) |
| 2000-2200 | VoAmerica | 621, 6040, 6045, 7195, 9620, 9760, 15205, 15410, 15445, 15580, 15600, 17715, 17785, 17870, 21660 |
| 2000-2100 | WYFR, USA | 9600, 9852.5, 11805, 11925, 17845 |
| 2002-2245 s | WINB, USA | 15185 |
| 2010-2140 | Cuba | 11850 |
| 2015-2045 | Japan | 6080, 7105 |
| 2015-2115 | ELWA, Liberia | 11830 |
| 2025-2045 | Italy | 7235, 9575, 9710 |
| 2030-2130 | Bulgaria | 9560, 9740, 11735, 11840 |
| 2030-2200 | Egypt | 15375 |
| 2030-2120 | Holland | 9540 (M), 11730 (Fl), 11740 (M), 15560 (B), 17605 (B) |
| 2030-2100 | Nigeria | 11770 |
| 2030-2130 | Taiwan | 9610, 9765, 11725, 11860, 15225 |
| 2030-2115 | BBC | 1413 (E), 5975, 6005 (A), 6180 (C), 7325, 9410 |
| 2045- | Vatican | 9625, 11700, 11760, 15120 |
| 2100-2200 | Nigeria | 15119, 17800 |
| 2100-2156 | South Africa | 9585, 11900, 15155, |
| 2100-2130 | Sweden | 9710 (H) |
| 2100-2200 | WYFR, USA | 17845 |
| 2115-2200 | BBC, Afr. Serv. | 6005 (A) |
| 2115-2200 | BBC | 5975, 6180 (C), 7325, 9410 |
| 2130-2200 | Canada | 11945, 15150, 15325, 17820, 17875+ |
| 2145-2215 | Switzerland | 9535, 9885, 12035, 15570 |
| °2200-2245 | Belgium | 5895, 9875 |
| 2200-2300 | Cuba | 7135 (U) |
| 2200-2300 | Korea | 6480, 7550 |
| 2200-2230 g | Norway | 9520 |
| 2200-2245 | BBC | 5975, 6005 (A), 6180 (C) |

| Time | Station | kHz or mb |
|---|---|---|
| | | 7320, 9410 |
| 2200-2300 | VoAmerica | 6045, 7195, 9620, 15415, 15445, 15580, 15600, 17715, 17785, 17870, 21660 |
| 2200-2300 | WYFR, USA | 7355, 9852.5, 15355 |
| 2230-2300 | Israel | 12025, 15585 |
| 2245-2315 | BBC | 5975, 6180 (C), 7325, 9410 |
| 2247-2345 s | WINB, USA | 15145 |
| 2300-0700 | AFRTS, USA | 11790 (By) |
| 2300-2400 | WYFR, USA | 15355 |
| 2315-0030 | BBC | 7325, 9410 |

## TO NEAR & MIDDLE EAST

| Time | Station | kHz |
|---|---|---|
| 0000-0030 | Israel | 7412, 9440, 9815, 11655, 15585 |
| 0100-0125 | Israel | 7412, 9440, 9815, 11655, 15585 |
| 0200-0225 | Israel | 7412, 9440, 9815, 11655, |
| 0230-0300 | BBC | 1413 (E) |
| 0300-0315 | BBC | 639 (C), 720 (C), 1323 (C), 1413 (E), 6050, 7135 (E), 7160 (C), 9410, 11740 (E) 15380 (F) |
| 0300-0330 | VoAmerica | 1260, 7200, 9740 |
| 0315-0330 | France | 7135, 9550 |
| 0315-0330 | BBC | 639 (C), 1323 (C), 6050, 7135 (E), 7160 (C), 9410, 15380 (E) |
| 0330-0400 | BBC | 1323 (C), 6050, 7160 (C), 9410, 11955 (E), 15420 (C) |
| 0330-0500 | VoAmerica | 7200, 9740 |
| 0345-0400 | France | 7135, 9550 |
| 0400-0430 a | Norway | 9580, 9665 |
| 0400-0430 | BBC | 1323 (C), 6050, 7135 (E), 7160 (C), 9410, 11750 (C), 11955 (E) |
| 0415-0430 | France | 7135, 9550, 11705 |
| 0430-0530 | BBC | 1323 (C), 11955 (E), 15420 (C) |
| 0445-0500 | France | 7135, 9550, 11705 |
| 0500-0515 | Israel | 9009, 9440*, 9815, 11655, |
| 0500-0800 | Kuwait | 1341, 15345 |
| 0500-0530 a | Norway | 11865, 11910 |
| 0500-0600 | VoAmerica | 7200, 9740, 9770, 11925, 15205 |
| 0530-0555 | Finland | 11735 |
| 0530-0545 | BBC | 1323 (C), 15420 (C), |
| 0545-0600 | BBC | 720 (C), 1323 (C), 11760 (C), 15420 (C) |
| 0600-0630 | BBC | 639 (C), 720 (C), 1323 (C), 11760 (C), 15420 (C) |
| 0600-0700 | VoAmerica | 1260, 5965, 7325, 9770 11925, 15195, 15205 |
| 0615-0630 q | Canada | 6140, 7155 (Da), 9760, 11775 (Da), 11805+, 11825+, 15235 (Da), 17860 (Da)* |
| 0630-0730 | BBC | 639 (C), 1323 (C), 11760 (C), 15420 (C) |
| 0645-0700 q | Canada | 6140, 7155 (Da), 9760, 11775 (Da), 11805+, 11825+, 15235 (Da), 11860 (Da)* |
| 0700-0720 | Holland (Fl) | 5955, 9630, 9895, 11930 |
| 0700-0800 | Japan | 21575 (Ga) |
| 0700-0800 | VoAmerica | 1260, 5965, 7325, 9660, 11920, 15195, 15205 |
| 0700-0715 r | UN R. | 9665 (G). 7768.5 (G,LSB), 11875 (G), 15245 (Ta), 17815 (Ta) |
| 0700-1100 | AFRTS, USA | 15400 (Mu) |
| 0730-0800 | BBC | 639 (C), 1323 (C)k, 11760 (C)k, 15420 (C)k, |
| 0800-0900 | BBC | 639 (C), 1323 (C)k, 11760 (C)k, 15420 (C)k, 21710 |
| 0830-0900 | Austria | 15410 |
| 0900-1030 | BBC | 639 (C)k, 1323 (C), 11760 (C), 15420 (C), 17790, 21710 |
| 1000-1300 | Saudi Arabia | 11855 |
| 1030-1130 | BBC | 639 (C), 1323 (C), 11760 (C), 15420 (C), 17790, 21710 |
| 1100-1130 | Israel | 11655, 15585, 17630 |
| 1100-1200 | Korea | 15575 |
| 1100-1156 | South Africa | 15220, 21535, 25790 |
| 1100-1300 | AFRTS, USA | 15265 (Mu) |
| 1130-1245 | BBC | 639 (C)W, 1323 (C), 11760 (C), 15420 (C), 17790, 21710 |
| 1245-1330 | RBI, GDR | 9730, 11700, 15240, 17755 |
| 1245-1300 | BBC | 1323 (C), 11760 (C), 15420 (C), 17790, 21710 |
| 1300-1330 g | Norway | 21730 |
| 1300-1556 | South Africa | 9585, 15220, 25790 |
| 1330-1500 | BBC | 1323 (C), 15420 (C), 17790, 21710 |
| 1500-1515 | BBC | 1323 (C), 15070, 15420 (C), 17790 21710 |
| 1500-1650 | R. Pyongyang | 9625, 9977, 11880 |
| 1500-1600 | Japan | 21695 (Ga) |
| 1500-1630 | VoAmerica | 1260, 9700, 15205 |
| 1515-1600 | BBC | 1323 (C), 15070, 15420 (C) |
| 1530-1600 | Switzerland | 12035, 15430, 17830 |
| 1600-1700 | France | 15315 |
| 1600-1700 | Korea | 11810 |
| 1600-1630 g | Norway | 15165 |
| 1600-1615 | R. Pakistan | 11670, 15595, 21475 |
| 1600-1630 W | Portugal | 15190 |
| 1600-1630 | Sweden | 9665 (H) |
| 1600-1700 | BBC | 1323 (C), 9410, 15070, 15420 (C) |
| 1630-1700 | VoAmerica | 9700, 15205 |
| 1700-1800 | Argentina | 15345 |
| 1700-1800 | Cuba | 9695 |
| 1700-1850 | Pyongyang | 9625, 9977, 11880 |
| 1700-1730 g | Norway | 15220 |
| 1700-2100 | Saudi Arabia | 11855 |
| 1700-1830 | BBC | 1323 (C), 1413 (E), 7160 (E), 7325, 9410, 15070 |
| 1700-2100 | VoAmerica | 9700, 9760 |
| 1730-2200 s | Cyprus Broadc. C. | 603 |
| 1745-1815 | Sri Lanka | 11800 |
| 1800-2100 | Kuwait | 1341, 11675 |
| 1830-1900 | Austria | 11660 |
| 1830-1900 | BBC | 1323 (C), 1413 (E)f, 7325, 9410 |
| 1830-1840 q | UN R. | 15120 (G), 15360 (Ta), 18782.5 (G,LSB), 20060 (G,LSB) 21710 (G) |
| 1900-1930 g | Norway | 11945 |
| 1900-2000 | BBC | 1323 (C), 1413 (E), 7325, 9410 |
| 1930-2030 | Spain | 9780*, 11690+ |
| 2000-2030 | Algeria | 254, 981, 9685, 15215, 17745 |
| 2000-2030 | Israel | 7412*, 9440, 9815*, 11655+ |
| 2000-2030 | BBC, Engl. by R. | 720 (C) |
| 2000-2115 | BBC | 702 (E), 1323 (C), 1413 (E), 7325, 9410 |
| 2010-2140 | Cuba | 11850 |
| 2015-2045 | Japan | 6080, 7105 |
| 2025-2045 | Italy | 7235, 9575, 9710 |
| 2030-2130 | Taiwan | 9610, 9765, 11725, 11860, 15225 |
| 2100-2130 | Sweden | 11955 (Ka) |
| 2100-2200 | VoAmerica | 1260, 7205, 9700, 9760 |
| 2115-2130 | TWR, Cyprus | 1233 |
| 2115-2315 | BBC | 1323 (C) |
| 2200-2300 | Cuba | 7135 (U) |
| 2200-2300 | Korea | 6480, 7550 |
| 2230-2300 | Israel | 7412, 9440, 9815, 12025, 15585 |

## TO SOUTH AND SOUTHEAST ASIA

| Time | Station | kHz or mb |
|---|---|---|
| 0000-0100 | KTWR, Guam | 17725 |
| 0000-0115 | All India R. | 15175 |

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| Time | Station | kHz or mb |
|---|---|---|
| 0000-0100 | FEBC, Manila | 15445 |
| 0000-0030 a | Norway | 7210, 9615 |
| 0000-2000 | AFRTS, USA | 21670 (P) |
| 0030-0430 | Sri Lanka | 6005, 9720, 15425 |
| 0030-0145 | BBC | 5965 (E), 7135 (C), 9580 (F), 11955 (F) |
| 0030-0045 | BBC, Engl. by R. | 6195 (F), 9725 (F), 15435 (F), 17715 (F) |
| 0100-0900 | Australia | 15395 (Ca), 17715 (Ca), 17750 (Dn), 21720 (Dn) |
| 0100-0200 | Indonesia | 9680, 11790, 15150 |
| 0100-0200 | Iran | 765 |
| 0100-0130 | Japan | 17810 |
| 0100-0500 | FEBC, Manila | 11815 |
| 0100-0300 | VoAmerica | 7115, 7200, 9740, 11710, 15210, 15250, 17735, 21540 |
| 0145-0200 | BBC, Asian Serv. | 5965 (E), 7135 (C), 5980 (F), 11955 (F), 15380 (F) |
| 0200-0250 | Deutsche Welle | 6035, 7285, 9690, 9715 (Mt) |
| 0200-0225 | Veritas, Manila | 15195 |
| 0200-0230 | BBC, Asian Serv. | 1413 (E), 5965 (E), 7135 (C), 9580 (F), 11955 (F), 15380 (F) |
| 0200- y | Vatican | 9650, 11865, 15115 |
| 0230-0245 | BBC | 1413 (E), 7135 (E) |
| 0245-0300 | BBC | 7135 (E) |
| 0300-0330 | Japan | 17810 |
| 0300-0315 | BBC | 720 (C), 6050, 7135 (E), 15380 (F) |
| 0300-0400 | VoAmerica | 7115, 7200, 9740, 11710, 15210, 15250, 17745, 21540 |
| 0315-0430 | BBC | 6050, 9410, 11955 (E) |
| 0350-0410 | Italy | 9710, 11905, 15330 |
| 0430-0530 | BBC | 11955 (E) |
| 0500-0515 | Israel | 21625 |
| 0500-0600 | Japan | 17810 |
| 0500-1000 | FEBC, Manila | 21530 |
| 0500-0600 | Thailand | 927, 9655, 11905 |
| 0545-0600 | BBC | 11760 (C) |
| 0555-0825 | Malaysia | 6175, 9750, 15295 |
| 0600-0730 | BBC | 11760 (C), 15070, 15310 (E) |
| 0645-0730 | RBI, GDR | 15445, 17700, 21465, 21540 |
| 0700-0720 | Holland | 21485 (M) |
| 0700-0800 | Japan | 17810 |
| 0700-0730 | Switzerland | 9560, 15305, 15570, 21520 |
| 0700-0930 | KNLS, Alaska | 6170*, 9540+ |
| 0712-0830 g | FEBA, Seychelles | 15320, 17780 |
| 0730-0800 | Prague | 11855, 17840, 21705 |
| 0730-0800 | BBC | 11760 (C)k, 15070, 15310 (E) |
| 0800-0900 | Indonesia | 9680, 11790, 15150 |
| 0800-0950 | Pyongyang | 9765, 11830, 15245, 15340 |
| 0800-1200 | R. Pilipinas | 6170 |
| 0800-0815 | BBC | 11760 (C)k, 15070, 15310(E), 21710 |
| 0815-0900 | BBC | 11760 (C)k, 15070, 21710 |
| 0830-0900 | Prague | 11855, 17840, 21705 |
| 0900-1030 | Afghanistan | 4450 (U), 6230, 15255 (U) 21460 (U) |
| 0900-0910 | Australia | 11895, 17715 (Ca), 17750 (Dn), 17810 (Ca) |
| 0900-0930 k | Prague | 11855, 17840, 21705 |
| 0900-0930 | Japan | 15195 |
| 0900-0930 | Switzerland | 9560, 15305, 15570, 21520 |
| 0900-1130 | BBC | 6195 (F), 9740 (F), 11750 (F), 11760 (C), 15070, 15280 (F), 15310 (E), 15360 (F), 17790, 21550, 21710 |
| 0910-1100 | Australia | 11895, 17810 (Ca) |
| 0930-1020 | Deutsche Welle | 9650 (An), 9770, 15275, 17780, 17800 (K), 21540 (K), 21680 |
| 0950-1000 r | UN R. | 9565, 8110 (LSB,D), 15250 (P) |
| 1000-1100 | All India, R. | 15230, 15320, 17387 |
| 1000-1030 g | Norway | 21730 |
| 1000-1155 | R. Pilipinas | 9580 |
| 1000-1700 | AFRTS, USA | 9700 (D), 11805 (D) |
| 1000-1030 | Hanoi, Vietnam | 10080, 12035 |
| 1030-1130 | Sri Lanka | 11835, 15120, 17850 |
| 1050-1150 | Nepal | 684, 792, 5005, 7165 |

| Time | Station | kHz or mb |
|---|---|---|
| 1100-1130 | Australia | 11895 |
| 1100-1130 | Israel | 15645 |
| 1100-1130 | Japan | 9670, 15195 |
| 1100-1200 | VoAmerica | 1575, 6110, 7230, 9760, 15160 |
| 1100-1130 | Hanoi, Vietnam | 1010, 10080, 12035 |
| 1130-1230 | Thailand | 927, 9655, 11905 |
| 1130-1200 | BBC | 6195 (F), 9740 (F), 11750 (F), 11760 (C), 15070, 15310 (E), 17790, 21550, 21710 |
| 1200-1430 | Australia | 7205 |
| 1200-1400 | China | 11600, 15280, 17700* 15195+ |
| 1200-1235 W | Mongolia | 9615, 12015, 15305 |
| 1200-1230 | Romania | 11740, 15380, 17720 |
| 1200-1215 | BBC, Engl. by R. | 3915 (F), 6050 (F) |
| 1200-1400 | VoAmerica | 6110, 7230, 9760, 15160 |
| 1200-1230 | R. Tashkent | 49, 31, 25 mb. |
| 1200- W | Vatican | 17865, 21725 |
| 1215-1330 | Egypt | 17675 |
| 1215-1300 | RBI, GDR | 15445, 17880, 21465, 21540 |
| 1215-1245 | Japan | 11875, 15235 |
| 1230-1300 | Bangladesh | 17800, 21670 |
| 1230-1600 | Sri Lanka | 6005, 9720, 15425 |
| 1230-1300 | Turkey | 17885 |
| 1255-1330 W | Mongolia | 9575, 15305, 17785 |
| 1300-1400 | Japan | 11815, 11840 |
| 1300-1450 | Pyongyang | 11880, 15340 |
| 1300-1600 | FEBC, Manila | 11850 |
| 1300-1330 | BBC | 1413 (E), 6195 (F), 9740 (F) 11750 (F), 11760 (C), 15070, 15310 (E), 17790, 21550, 21710 |
| 1300-1400 | VoAmerica | 9700, 7125, 9645, 9760, 15205, 15395 |
| 1300-1600 | WYFR, USA | 15055 (T) |
| 1315-1345 | Switzerland | 11870, 15570, 15585, 17830 |
| 1330-1415 | RBI, GDR | 15445, 17880, 21465, 21540 |
| 1330-1430 | KTWR, Guam | 9510 |
| 1330-1420 | Holland | 11935 (Fl), 17605 (Fl) |
| 1330-1500 | All India R. | 9545, 11810, 15335 |
| 1330-1430 | Iran | 765 |
| 1330-1430 | BBC | 1413 (E), 6195 (F), 9740 (F), 11750 (F), 15070, 15310 (E), 17790, 21550, 21710 |
| 1330-1400 | Peace & Progress | 41*, 31*, 25, 19+, 16+ mb. |
| 1400-1600 | China | 17700+, 11600, 15165* |
| 1400-1500 | Korea | 9570 |
| 1400-1435 W | Mongolia | 9575, 15305, 17785 |
| 1400-1430 g | Norway | 11925, 15210 |
| 1400-1430 | Sweden | 11940 (Ka) |
| 1400-1500 | VoAmerica | 1575, 6110, 7125, 7230, 9645, 9700, 9760, 15160, 15205, 15395 |
| 1400-1430 | Tashkent | 49, 31, 25 mb. |
| 1430-1730 | Australia | 6035 (Ca), 7215 (Ca), 9770 (Ca) |
| 1430-1457 | Prague | 7345, 9605, 15110, 15205, 17705, 21505 |
| 1430-1525 | Holland | 11735 (M), 17605 (Fl), 21480 (M) |
| 1430-1445 | BBC | 9740 (F), 11750 (F), 15070, 15310 (E), 17790, 21550, 21710 |
| 1430- W | Vatican | 11865, 15115, 17845 |
| 1445-1500 | BBC | 9740 (F), 11750 (F), 15070, 15310 (E), 17790, 21710 |
| 1500-1530 | Austria | 9650, 12025 |
| 1500-1600 | KTWR, Guam | 9815 |
| 1500-1600 | Indonesia | 9680, 11790, 15150 |
| 1500-1600 | Japan | 11815 |
| 1500-1530 | Veritas, Manila | 9670 |
| 1500-1530 | Romania | 9530, 11775, 11940, 15250, 15335 |
| 1500-1608 | FEBA, Seychelles | 11895, 15325 |
| 1500-1515 | BBC | 3915 (F), 6195 (F), 9410, 9740 (F), 11750 (F), 15070, 15310 (E), 17790, 21710 |
| 1500-1530 | VoAmerica | 7105, 9645, 9700, 9760, 15205, 15395 |
| 1515-1600 | RBI, GDR | 11795, 15400, 15445 |
| 1515-1615 | BBC | 3915 (F), 6195 (F), 9410, 9740 (F), 11750 (F), 15070, 15310 (E) |
| 1530-1625 | Prague | 6055, 7345, 9605, 11990, 15110, 15205, 17705, 21505 |
| 1530-1600 W | Hungary | 6025, 7155, 9585, 9835, 11910, 15160 |
| 1530-1700 | Nigeria | 15119 |
| 1530-1600 | VoAmerica | 1575, 7105, 9645, 9700, 9760, 15205, 15395 |
| 1600-1630 g | Norway | 7210 |
| 1600-1630 W | Portugal | 15190 |
| 1600-1630 | Sweden | 9665 (H) |
| 1600-1700 | VoAmerica | 6110, 7105, 9645, 9700, 9760, 15205, 15395 |
| 1610-1650 | Deutsche Welle | 7110, 9585, 11705 (Ma), 11725, 15405 (Ma) |
| 1615-1700 | BBC | 6195 (F), 9410, 9740 (F), 11750 (F), 15070, 15310 (F) |
| 1630-1700 | Peace & Progress | 228, 49, 41*, 31, 25+, 19+ mb. |
| 1645-1700 | BBC, Engl. by R. | 6010 (F), 7180 (F), 11955 (F) |
| 1700-1730 | Japan | 11815 |
| 1700-1830 | BBC | 1413 (E), 6195 (F), 7160 (E), 9410, 9740 (F), 11955 (F), 15070, 15310 (E) |
| 1700-1800 | VoAmerica | 1575, 6110, 7105, 9645, 9700, 15395 |
| 1700-1800 | AFRTS, USA | 9700 (D), 15345 (D) |
| 1730-1800 | Australia | 6035 (Ca) |
| 1800-2100 | Australia | 6035 (Ca), 7215 (Ca) |
| 1800-1830 | Japan | 9645, 11840 |
| 1800-1900 | VoAmerica | 6110, 7105, 9645, 9700, 15395 |
| 1800-2000 | AFRTS, USA | 15345 (D) |
| 1815-1915 | Bangladesh | 7280, 9540 |
| 1830-1900 | BBC | 1413 (E)f, 9410 |
| 1900-1930 | Japan | 11815 |
| 1900-2115 | BBC | 1413 (E), 9410 |
| 2000-2400 | R. Pilipinas | 9580 |
| 2000-2200 | AFRTS, USA | 15305 (P), 15345 (D) |
| 2100-2200 | Australia | 6035 (Ca) |
| 2100-2150 | Deutsche Welle | 7130, 9765 |
| 2100-2130 | Japan | 11815 |
| 2200-2300 | Turkey | 5960, 9560, 9730, 9755 |
| 2200-0100 | VoAmerica | 7275, 9770, 11760 |
| 2200-2400 | AFRTS, USA | 15305 (P) |
| 2230-2300 | Australia | 15240 |
| 2245-0115 | All India R. | 7215, 9565, 11765, 15110 |
| 2250-0425 | Thailand | 927, 9655, 11905 |
| 2300-0100 | Australia | 15240, 15395 (Ca) |
| 2300-2330 | Japan | 15210 |
| 2300-2400 | FEBC, Manila | 15445 |
| 2330-2345 | BBC, Engl. by R. | 3915 (F), 6080 (F), 7180 (F), 9580 (F) |
| 2330-2400 | BBC | 11955 (F) |
| 2330-2400 | Hanoi, Vietnam | 10080, 12035 |

## TO FAR EAST

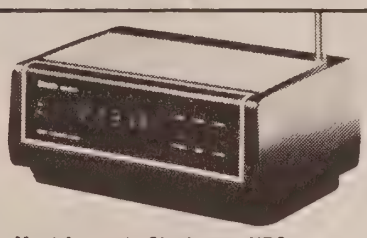
| Time | Station | kHz |
|---|---|---|
| 0000-0115 | All India R. | 15175 |
| 0000-0015 | Kampuchea | 1360, 9695, 11938 |
| 0000-0030 | BBC | 6195 (F), 9570 (F), 11955 (F), 15435 (F), 17710 (F) |
| 0000-0100 | VoAmerica | 11775, 15290, 17740 |
| 0030-0430 | Sri Lanka | 6005, 9720, 15425 |
| 0030-0045 | BBC, Engl. by R. | 6195 (F), 9725 (F), 15435 (F), 17710 (F) |
| 0100-0230 | Australia | 15165, 17725 |
| 0100-0130 | Laos | 1030, 7029 |
| 0230-0900 | Australia | 15165 |
| 0230-0245 | Pakistan | 7315, 15185, 17840 |
| 0430-0700 | AFRTS, USA | 15330 (D) |
| 0530-0615 | Dubai | 17830, 21700 |
| 0600-0630 | Laos | 1030, 7029 |
| 0700-0730 | Tirana | 9500, 11985 |
| 0700-0720 | Holland | 21485 (M) |

| Time | Station | kHz or mb |
|---|---|---|
| 0700-0955 | R. Pilipinas | 9580 |
| 0700-0730 | Switzerland | 9560, 15305, 15570, 21520 |
| 0700-0930 | KNLS, Alaska | 6170*, 9540+ |
| °0715-0800 | Belgium | 9880, 21810 |
| 0815-0900 | RBI, GDR | 17765, 21540 |
| 0830-0930 f | Finland | 21465 |
| 0845-1030 | KTWR, Guam | 11840 |
| 0900-0930 | Australia | 11800, 15165 |
| 0900-0930 | Switzerland | 9560, 15305, 15570, 21520 |
| 0900-0915 | BBC | 6195 (F), 9740 (F), 11750 (F), 15280 (F), 15310 (E), 15360 (F), 17880 (F), 21550 |
| 0915-0945 | BBC | 6195 (F), 9740 (F), 11750 (F), 15280 (F), 15310 (E), 17880 (F), 21550 |
| 0930-1000 | Australia | 11800 |
| 0930-1000 | Tirana | 9500, 11985 |
| 0930-0955 | Finland | 21465 |
| 0930-0945 | BBC, Engl. by R. | 9725 (F), 11955 (F), 15360 (F) |
| 0945-1030 | RBI, GDR | 17765, 21540 |
| 0945-1000 | BBC, Engl. by R. | 9725 (F), 11955 (F), 15360 (F) |
| 0945-1130 | BBC | 6195 (F), 9740 (F), 11750 (F), 15280 (F), 15310 (E), 21550 |
| 0950-1000 r | UN R. | 8110 (LSB,D), 9565, 15250 (P) |
| 1000-1030 g | Norway | 9590, 15175 |
| 1030-1100 | Austria | 11660 |
| 1030-1100 | Hungary | 9835, 11910, 15160, 15220, 17710, 21525 |
| 1040-1050 | Greece | 15630, 17565 |
| 1100-1200 | Australia | 6080, 11800 |
| 1100-1200 | Korea | 7275 |
| 1100-1330 | VoAmerica | 9760, 11715, 15425 |
| 1130-1230 | Argentina | 11710 |
| 1130-1500 | BBC | 6195 (F), 9740 (F), 11750 (F), 15310 (E) |
| 1200-1300 | Australia | 6080, 9710, 11800 |
| 1200-1215 | Kampuchea | 1360, 9695, 11938 |
| 1200-1235 W | Mongolia | 9615, 12015, 15305 |
| 1200-1355 | R. Pilipinas | 9580 |
| 1200-1215 | BBC, Engl. by R. | 3915 (F), 6050 (F) |
| 1230-1600 | Sri Lanka | 6005, 9720, 15425 |
| 1230-1300 | Sweden | 9745 (H) |
| 1255-1330 W | Mongolia | 9575, 15305, 17785 |
| 1300-1400 | Australia | 6080 |
| 1300-1330 | Korea | 6135 |
| 1315-1345 | Switzerland | 11870, 15570, 15585, 17830 |
| 1330-1400 | Austria | 7155 |
| 1330-1420 | Holland | 17605 (Fl) |
| 1330-1500 | All India R. | 9545, 11810, 15335 |
| 1330-1400 | Laos | 1030, 7029 |
| 1330-1500 | VoAmerica | 9760, 11715, 15425 |
| 1330-1400 | Hanoi, Vietnam | 1010, 10080, 15010 |
| 1400-1430 | Tirana | 9500, 11985 |
| 1400-1600 | Australia | 6080, 9710, 11800 |
| °1400-1445 q | Belgium | 17610, 21810 |
| 1400-1435 W | Mongolia | 9575, 15305, 17785 |
| 1430-1525 | Holland | 11735 (M), 17605 (Fl), 21480 (M) |
| 1500-1615 | BBC | 3915 (F), 6195 (F), 9740 (F), 11750 (F), 15310 (E) |
| 1600-2000 | Australia | 6080 |
| 1600-1700 | Korea | 5975 |
| 1615-1700 | BBC | 3915 (F), 6195 (F), 9740 (F), 11750 (F) |
| 1645-1700 | BBC, Engl. by R. | 6010 (F), 7180 (F), 11955 (F) |
| 1700-1745 | BBC | 3915 (F), 6195 (F), 9740 (F), 11750 (F), 11955 (F) |
| 1800-1900 | Korea | 5975 |
| 1800-0700 | AFRTS, USA | 17765 (D) |
| 2000-2030 | Australia | 6080, 9620 |
| 2030-2100 | Australia | 9620 |
| 2100-2200 | Australia | 9620, 15160 |
| 2200-2330 | Australia | 15160 |
| 2200-2225 | Italy | 5990, 9710, 11800 |
| 2200-2245 | BBC | 6195 (F), 7120 (F), 9570 (F), 11955 (F) |
| 2200-2400 | VoAmerica | 11775, 15185, 15290, 17740 |
| 2200-0430 | AFRTS, USA | 21570 (D) |
| 2245-0115 | All India R. | 7215, 9595, 9912, 11715 (Bo), 11765, 15110, 15175 |
| 2245-2300 | BBC | 6195 (F), 9570 (F), 11955 (F) |
| 2300-2400 | BBC | 6195 (F), 9570 (F), 11955 (F), 15435 (F) |
| 2330-0100 | Australia | 15160, 17725 |

## TO OCEANIA

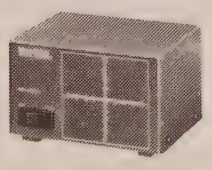
| Time | Station | kHz |
|---|---|---|
| 0000-0030 a | Norway | 7210, 9615 |
| 0100-0130 | Australia | 15165, 15240, 17725 |
| 0100-0200 | Taiwan | 17890 |
| 0130-0200 | Australia | 15165, 15240, 15395, 17715, 17725 |
| 0200-0200 | Australia | 15165, 15240, 15395, 17715, 17725, 17795 |
| 0230-0300 | Australia | 15165, 15240, 15395, 17715, 17795 |
| 0300-0530 | Australia | 15160, 15165, 15240, 15395, 17715, 17795 |
| 0300-0350 | Taiwan | 17890 |
| 0300-0330 | BBC | 15380 (F) |
| °0415-0715 | New Zealand | 9585 |
| 0500-0515 | Israel | 21625 |
| 0500-0530 a | Norway | 6020 |
| 0500-1000 | FEBC, Manila | 11890 |
| 0530-0600 | Australia | 15160, 15165, 15240, 15395, 17795 |
| 0530-0615 | Dubai | 17830, 21700 |
| 0600-0700 | Australia | 11910, 15160, 15165, 15240, 15395, 17795 |
| 0645-0715 | Romania | 11940, 15250, 15335, 17790, 17805, 21665 |
| 0700-0730 | Australia | 11910, 15165, 15240, 15395, 17795 |
| 0700-0730 | Tirana | 9500, 11985 |
| 0700-1000 | HCJB, Ecuador | 6130, 9745, 11925 |
| 0700-0800 | BBC | 5975, 7150, 9510 (An), 9640, 11955, 15310 (E) |
| °0715-1115 | New Zealand | 9620 |
| 0730-0800 | Australia | 11720, 11910, 15160, 15165, 15240 |
| 0730-0800 | Prague | 11855, 17840, 21705 |
| 0730-0825 | Holland | 9715 (B), 9770 (B) |
| 0800-0840 | Australia | 6045, 9580, 11720, 11910, 15165, 15240 |
| 0800-0815 | BBC | 5975, 7150, 9510 (An), 9640, 11955, 15070, 15310 (E) |
| 0815-0900 | BBC | 5975, 7150, 9510 (An), 9640, 11955, 15070 |
| 0830-0900 | Austria | 15270 |
| 0830-1030 | China | 9860, 11600, 15195 |
| 0830-0900 | Prague | 11855, 17840, 21705 |
| 0830-0855 W | Holland | 9715 (B) |
| 0840-0900 | Australia | 6045, 9580, 11720, 15165, 15240 |
| 0845-0945 | Japan | 11875, 15235 |
| 0900-0930 | Australia | 6045, 9580, 11720, 11800, 15165, 15240 |
| 0900-0930 k | Prague | 11855, 17840, 21705 |
| 0900-0915 | BBC | 5975, 7150, 9510 (An), 9640, 11750 (F), 11955, 15070, 15280 (F), 15310 (E), 21550 |
| 0915-1100 | BBC | 11750 (F), 15310 (E), 21550 |
| 0930-1000 | Tirana | 9500, 11985 |
| 0930-1000 | Australia | 6045, 9580, 11800, 15240 |
| 0930-1020 | Deutsche Welle | 9650 (An), 9770, 15275, 17780, 17800 (K), 21500 (K), 21680 |
| 0935-0950 | Greece | 15630, 17565 |
| 1000-1100 | Australia | 9580 |
| 1000-1100 | HCJB, Ecuador | 6130, 11925 |
| 1000-1100 | All India R. | 11795, 15130, 17705, 17875 |

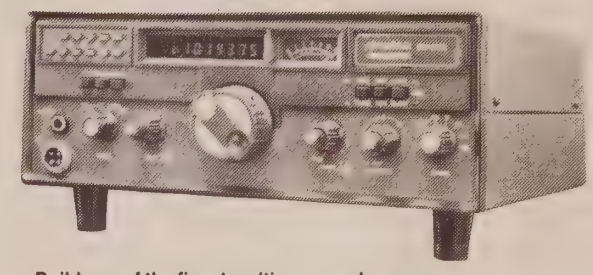
# FREE famous high tech catalog



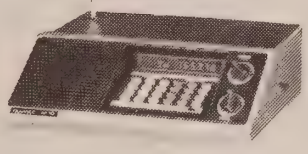
Most Accurate Clock uses NBS atomic clock signal to keep "perfect" UTS time.

Crossfire Visual Tuning Indicator tunes RTTY transmissions fast.

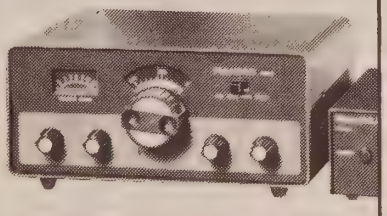




Build one of the finest multi-purpose ham rigs available and save.

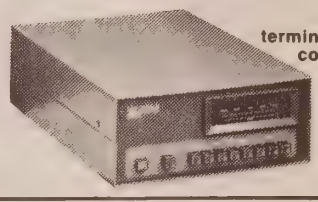


New scanner with 40 programmable channels, 7 bands.

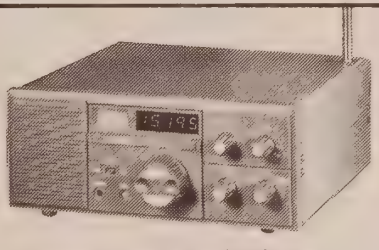


Microelectronics make the new HW-9 QRP CW transceiver small and light.

World's first low-cost hand-held, microprocessor-controlled Real Time Spectrum Analyzer.

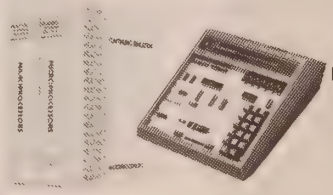


"Universal" terminal interfaces computer, ham station for RTTY.

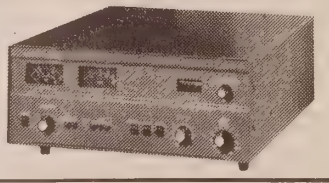


General coverage receiver has exceptional selectivity and sensitivity.

Triple-trace oscilloscope speeds troubleshooting.



Learn computers, programming with Microprocessor Trainer and course.



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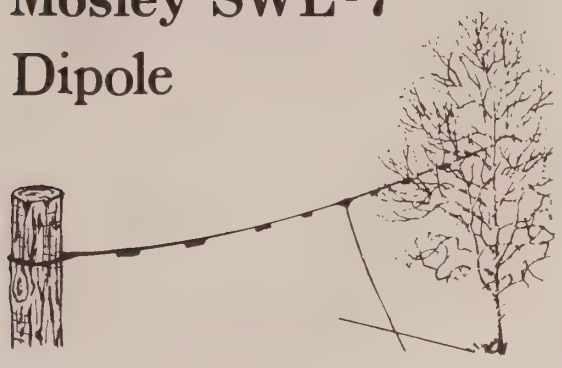
| Time | Station | kHz or mb |
|---|---|---|
| 1000-1030 g | Norway | 9590, 15175, 21730 |
| 1030-1100 | Austria | 15275 |
| 1030-1125 | Holland | 9650 (B) |
| 1030-1100 | Budapest | 9835, 11910, 15160, 15220, 17710, 21525 |
| 1100-1130 | Australia | 5995, 6080, 9580, 11800, 15125 |
| 1100-1130 | Israel | 15645 |
| 1100-1130 | Sweden | 17820 (H) |
| 1100-1130 | BBC | 9740 (F), 11750 (F), 11775 (An), 15310 (E), 21550 |
| 1100-1330 | VoAmerica | 6110, 15160, 15425 |
| 1130-1200 | Australia | 5995, 6080, 9580, 11800 |
| 1130-1330 | BBC | 9740 (F), 11755 (An), 15070, 15310 (E) |
| 1200-1300 | Australia | 5995, 6060, 9580, 9710, 11800 |
| 1300-1400 | Australia | 5995, 6060, 6080, 9580 |
| 1330-1515 | BBC | 6195 (F), 9740 (F), 15070 |
| 1330-1400 | VoAmerica | 6110, 15160 |
| 1400-1430 | Tirana | 9500, 11985 |
| 1400-1600 | Australia | 5995, 6060, 6080, 9580, 9710, 11720, 11800 |
| 1400-1530 | Nigeria | 15119 |
| 1400-1430 g | Norway | 11925, 15175, 15210 |
| 1400-1457 | Prague | 7345, 9605, 15110, 15205, 17705, 21505 |
| 1600-1800 | Australia | 5995, 6060, 6080, 9580 |
| 1600-1630 g | Norway | 7210 |
| °1700-2000 | New Zealand | 15485, 17710 |
| 1700-1730 g | Norway | 9565 |
| 1800-2000 | Australia | 5995, 6060, 6080, 7215, 9580 |
| 1800-2000 | BBC | 7325, 9410 |
| 2000-2030 | Australia | 6060, 6080, 7215, 9580 9620 |
| °2000-1100 | New Zealand | 17710 |
| 2000-2115 | BBC | 7325, 9410, 9570 (F), 11965 (F) |
| 2030-2100 | Australia | 6080, 7215, 9580, 9620 |
| 2045-2230 | All India R. | 9550, 9912, 11875 |
| 2100-2130 | Australia | 9620, 15160, 15240, 15395, 17795 |
| 2100-2150 | Deutsche Welle | 7130, 9765 |
| 2115-2200 | BBC | 9570 (F), 11965 (F) |
| 2130-2200 | Australia | 15160, 15240, 15395, 17795 |
| 2140-2240 | Taiwan | 17890 |
| 2200-2330 | Australia | 15160, 15240, 15320, 15395, 17795 |
| 2200-2230 g | Norway | 7210 |
| 2200-2245 | BBC | 9570 (F) |
| 2200-2400 | VoAmerica | 11760, 15185, 17740 |
| 2205- | Vatican | 9615, 11830, 15120 |
| 2300-0500 | FEBC, Manila | 21515 |
| 2300-2330 | Sweden | 11960 (H) |
| 2330-0100 | Australia | 15160, 15240, 15320, 15395, 17725, 17795 |

## TO NORTH AMERICA

| Time | Station | kHz or mb |
|---|---|---|
| 0000-0030 | Tirana | 7065, 9750 |
| 0000-0100 | Bulgaria | 9700, 11720 |
| 0000-0100 | Canada | 5960 |
| 0000-0200 | China | |
| 0000-0030 | Israel | 7412, 9440, 9815, 11655, 15585 |
| 0000-0100 | Japan | 9645, 11710 |
| 0000-0030 a | Norway | 9585 |
| 0000-0200 | Spain | 9630, 11880 |
| 0000-0200 | WRNO, USA | 9705 |
| 0015-0145 | RBI, GDR | 6080, 9730 |
| °0030-0115 | Belgium | 5910, 9925 |
| 0030-0055 | Prague | 6055, 9630 |
| 0030-0130 | HCJB, Ecuador | 9745, 15155, 15250 |
| 0030-0230 | BBC | 5975, 6120 (S), 6175 (An), 7325, 9515 (D), 9590 (C), 9915, 11750 (A) |
| 0030-0100 | Kiev | 31, 25+, 19, 16* mb. |
| 0050- | Vatican | 6015, 9605, 11845 |
| 0100-0130 | Canada | 5960, 9755 |
| 0100-0330 | Cuba | 6140 |
| 0100-0157 | Prague | 5930, 7345, 9540, 9630, 9740, 11990 |
| 0100-0150 | Deutsche Welle | 6040 (An), 6085, 6145, 9545 (Mt), 9565 (Ma), 11785 (Ma) |
| 0100-0125 | Israel | 7412, 9440, 9815, 11655, 15585 |
| 0100-0120 | Italy | 5990, 9575 |
| 0100-0130 | Japan | 17755 |
| 0100-0200 | Taiwan | 11825 |
| 0130-0200 | Tirana | 7120, 9750 |
| 0130-0200 | Austria | 5945, 9770 |
| 0130-0200 | HCJB, Ecuador | 9745 |
| 0130-0150 | Greece | 6225, 9420, 11645 |
| 0145-0245 | Japan | 15195, 17825, 21610, 21640 |
| 0145-0245 | Korea | 11810, 15575 |
| 0145-0215 | Switzerland | 6135, 9725, 9885, 12035 |
| 0200-0300 | Argentina | 11710, 11755, 15345 |
| 0200-0300 | Brazil | 15290 |
| 0200-0230 q | Canada | 5960, 9755+, 11850* |
| 0200-0300 | China | |
| 0200-0500 | HCJB, Ecuador | 6140, 9745 |
| 0200-0330 | Egypt | 9475, 9675 |
| 0200-0230 y | Hungary | 6025, 9585, 9835, 11910, 12000, 15220 |
| 0200-0225 | Israel | 7412, 9440, 9815, 11655 |
| 0200-0355 | Poland | 6095, 6135, 7145, 7270, 9525, 11815, 15120 |
| 0200-0230 | Romania | 5990, 6155, 9510, 9570, 11810, 11940 |
| 0200-0256 | South Africa | 5980, 6010, 9615 |
| 0200-0300 | Taiwan | 5985 (Wy) |
| 0200-0400 | WRNO, USA | 6020 |
| 0230-0300 | R. Tirana | 7120, 9750 |
| 0230-0315 | RBI, GDR | 6080, 9730 |
| 0230-0325 | Holland | 6165 (B), 9590 (B), 9895 (Fl) |
| 0230-0500 | TWR, Neth. Ant. | 800 |
| 0230-0300 | Sweden | 6105 (H), 9695 (H) |
| 0230-0330 | BBC | 5975, 6120 (S), 6175 (An), 7325, 9515 (D), 11750 (A) |
| 0300-0330 | Canada | 5960, 9755 |
| 0300-0400 | China | |
| 0300-0357 | Prague | 5930, 7345, 9540, 9630, 9740, 11990 |
| 0300-0400 | RBI, GDR | 6125, 6195 |
| 0300-0330 | Hungary | 6025, 9585, 9835, 11910, 12000, 15220 |
| °0300-0400 | Iraq | 21585 |
| 0300-0330 | Japan | 17755 |
| 0300-0330 | Portugal | 6060, 11925 |
| 0300-0350 | Taiwan | 11825, 15345 |
| 0300-0400 | Turkey | 9560 |
| 0300-0330 | Kiev | 41, 31, 25+, 19, 16* mb. |
| 0330-0400 | Tirana | 6200, 7300 |
| 0330-0400 | Cuba | 6090, 6140 |
| 0330-0415 | Dubai | 11730, 15435, 17775 |
| 0330-0415 | RBI, GDR | 6010, 6080 |
| 0330-0430 | Korea | 9570 |
| 0330-0400 | Sweden | 6105 (H) |
| 0330-0430 | BBC | 5975, 6120 (S), 6175 (An) |
| 0340-0350 | Greece | 6225, 9420, 11645 |
| 0355-0455 | TWR, Neth. Ant. | 9535 |
| 0355-0400 | Yerevan | 25*, 19, 16+ mb. |
| 0400-0500 | Bulgaria | 7115 |
| 0400-0430 | Canada | 5960, 9755 |
| 0400-0500 | China | 10865, 11650, 15120 |
| 0400-0415 u | Hungary (DX) | 6025, 9585, 9835, 11910, 12000, 15220 |
| 0400-0430 a | Norway | 9610 |
| 0400-0430 | Romania | 5990, 6155, 9510, 9570, 11810, 11940 |
| 0400-0600 | WRNO, USA | 6185 |
| 0400-0800 | Moscow | 49*, 41*, 31, 25+, 19+ mb. |
| 0430-0500 | Austria | 5945, 9635 |
| 0430-0500 | Switzerland | 9725, 12035 |
| 0430-0630 | BBC | 5975, 6175 (An), 9510 (An) |
| 0450-0600 | Cuba | 6090 |
| 0500-0700 | HCJB, Ecuador | 6095, 9745, 11910 |

# SHORTWAVE Listening Dipole & Vertical Antennas

## Mosley SWL-7 Dipole



Here's an inexpensive 7-band receiving antenna that requires little space, yet offers DX-ability for adding more hard-to-get stations to your log. Owners of the SWL-7 tell us they hear 50% more DX since erecting this dipole. New design weatherproof trap assemblies are responsible for this amazing broadband SWL coverage.

Kit includes all necessary parts and concise assembly instructions: 8 weatherproof trap assemblies, transmission line center connector, 50 feet of antenna wire, 2 glazed porcelain insulators, and 100 fet of 75 Ohm transmission line.

Only 40 feet long and 2 pounds in weight, the SWL-7 is easy to assemble: just attach wire to trap assemblies, add the strain relief center connector, then tie on the end insulators. For best results, this antenna should be erected 25 feet or more clear of surrounding objects.

## Mosley SWV-7 Vertical

CRAMPED FOR SPACE? The Mosley vertical SWL antenna was designed for you. A rugged and sleek looking beauty standing just 13 feet 3-5/8 inches high. Ground level installation requires less than 1 square foot of space. In field tests conducted by the Editor of Popular Electronics *"The SWV-7 out-performed all other SWL antennas."* The preceeding quote is from an issue of POPULAR ELECTRONICS.

Six unique trap assemblies tune (resonates automatically) to the center of 11, 13, 16, 19, 25, 31 and 49 meter bands to deliver unprecedented DX reports in short wave listening.

Installation at ground level requires no guying or concrete footing. Antenna is supported vertically by 3 feet of tubing driven into the ground. Rooftop installation features a 3 foot mast with hinged bracket that (keeps antenna vertical on sloped surface) fastens to roof with single lug screw. Seven radials of differing lengths double as guy wires (not supplied) in roof-top installation. No. 10 copper wire is recommended.

The SWV-7 is constructed of only the finest alloy aluminum tubing, not only telescoped but swaged to reduce wind vibrations.

## Specifications & Performance Data

| Model | SWL-7 | SWV-7 |
|---|---|---|
| Type of Antenna | Dipole | Vertical |
| Broadcast Bands (meters) | 11, 13, 16, 19, 25, 31 & 49 | 11, 13, 16, 19, 25, 31 & 49 |
| Ground Required | No | Yes |
| Assembled Length*/Height | 39 ft. 10 in.* | 13 ft. 3-5/8 in. |
| Assembled Weight (approximately) | 2 lbs. | 5 lbs. 15 ozs. |
| Shipping Weight (approximately) | 2 lbs. 4 ozs. | 7 lbs. 7 ozs. |
| May be shipped VIA | Parcel Post or U.P.S. | Parcel Post or U.P.S. |
| Mosley Stock No. | 412540 | 729540 |

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NOW ALL THESE ANTENNAS ARE UPS SHIPPABLE!

| Time | Station | kHz or mb |
|---|---|---|
| 0500-0550 | Deutsche Welle | 5960, 6120, 9545 (An), 9690, 11705 (Mt) |
| 0500-0515 | Israel | 9009, 9440*, 9815, 11655 |
| 0500-0600 | Japan | 15300 |
| 0500-0530 | Norway | 6020 |
| 0500-0600 | Spain | 6065, 9630, 11880 |
| 0530-0625 | Holland | 6165 (B), 9715 (B), 9895 (Fl) |
| 0530-0600 | Portugal | 6075, 9575 |
| 0610-0710 | Taiwan | 5985 (Wy) |
| 0630-0800 | Cuba | 9525 |
| 0630-0715 | RBI, GDR | 6010, 6080 |
| 0630-0730 | BBC | 6175 (An), 9510 (An) |
| 0700-0800 | Japan | 9505 |
| 0715-0800 | Belgium | 9880, 21810 |
| 0730-0900 | BBC | 9510 (An) |
| 0900-0930 | Japan | 9505 |
| 0900-0915 | BBC | 6195 (An), 9510 (An) |
| 1000-1200 | Nigeria | 15119 |
| 1100-1400 | 4VEH, Haiti | 4930 |
| 1100-1130 | Israel | 17630 |
| 1100-1130 | Japan | 9505 |
| 1100-1250 | Pyongyang | 9745, 9977 |
| 1100-1200 | BBC | 5965 (S), 6195 (An), 11775 (An), 15070, 15215 |
| 1110-1242 | TWR, Neth. Ant. | 800, 11815 |
| 1200-1300 | China | |
| 1200-1225 W | Finland | 15400, 17800 |
| 1200-1330 | BBC | 5965 (S), 6195 (An), 11775 (An), 15070, 15215, 21710 |
| 1200-1400 g | WRNO, USA | 9715 |
| 1200-1300 | WYFR, USA | 5985, 6095 |
| 1215-1430 | HCJB, Ecuador | 11740, 17890 |
| 1230-1300 | Tirana | 9515, 11960 |
| 1235-1250 | Greece | 11645, 15630, 17565 |
| 1300-1325 q | Canada | 9650, 11855, 11955, 15440, 17820 |
| 1300-1400 | Japan | 9505 |
| 1300-1330 g | Norway | 21700 |
| 1300-1500 | WYFR, USA | 5985, 9535, 15380 |
| 1315-1345 | Switzerland | 17830 |
| 1330-1455 g | Finland | 15400, 17800 |
| 1330-1500 | BBC | 15070, 21710 |
| °1400-1445 q | Belgium | 17610, 21810 |
| 1400-1700 g | Canada | 11955, 17820 |
| 1400-1425 | Finland | 15400, 17800 |
| 1400-1500 | Korea | 9750, 15575 |
| 1400-1430 g | Norway | 15175 |
| 1400-1655 | R. Pilipinas | 9580 |
| 1400-1430 | Sweden | 17860 (H) |
| 1400-1600 g | WRNO, USA | 11965 |
| 1430-1530 | HCJB, Ecuador | 17890 |
| 1500-1525 g | Finland | 15400 |
| 1500-1600 | Japan | 9505 |
| 1500-1600 | BBC | 9515 (S)k, 9740 (F), 11750 (F), 15070, 15260 (S)k |
| 1500-1600 | WYFR, USA | 5985, 15380, 21525 |
| 1504-1528 W | Finland | 15400 |
| 1535-1550 | Greece | 11645, 15630, 17565 |
| 1600-1630 g | Norway | 11860 |
| 1600-1615 | BBC | 9515 (S), 9740 (F), 11750 (F), 15070, 15260 (S) |
| 1600-1800 | WRNO, USA | 15420 |
| 1600-2200 | WYFR, USA | 15215, 15365, 15380 |
| 1615-1745 | BBC | 9515 (S), 9740 (F), 15070, 15260 (S) |
| 1700-1730 | Japan | 9505 |
| 1700-1730 g | Norway | 9565, 11865 |
| 1800-1815 | Israel | 9385, 11583 |
| 1800-2000 | WRNO, USA | 17775 |
| 1900-1930 g | Norway | 9525 |
| 1930-2030 | Iran | 9022, 11930 |
| 2000-2030 | Israel | 7412*, 9440, 9815, 11655+ |
| 2000-2200 | BBC | 6175 (An), 11750, 15260 (A) |
| 2000-2200 | WRNO, USA | 15420 |
| 2130-2200 | Bulgaria | 6070, 7115, 9665 |
| 2140-2240 | Taiwan | 11825, 15270, 15345 |
| 2200-2230 g | Norway | 6015 |
| 2200-2300 | Turkey | 5960, 9560, 9730, 9755 |
| 2200-2300 | BBC | 5975, 6175 (An), 7325, 9915, 11750, 15260 (A) |
| 2200-2400 | WRNO, USA | 11965 |
| 2200-2300 | WYFR, USA | 15215, 15365 |
| 2230-2330 | Bulgaria | 9700, 11720 |
| 2230-2300 | Israel | 7412, 9440, 9815 |
| 2230-2400 | Libya | 11815 |
| 2300-2400 | 4VEH, Haiti | 4930 |
| 2300-2330 | Japan | 17755 |
| 2300-0050 | Pyongyang | 9745, 15230 |
| 2300-2330 | Sweden | 6045 (H) |
| 2300-2330 | BBC | 5975, 6120 (S), 6175 (An), 7325, 9590 (S), 9915, 11750 (A), 15260 (A) |
| 2300-0100 | WYFR, USA | 6065 |
| 2300-0400 | Moscow | 49, 41, 31, 25, 19, 16 mb. |
| 2300-2330 | Vilnius | 41, 31, 25*, 19, 16+ mb. |
| 2315-2400 | RBI, GDR | 6070, 6125, 6195 |
| 2330-0030 | BBC | 5975, 6120 (S), 6175 (An), 7325, 9590 (S), 9915, 11750 (A) |

## TO CENTRAL AND SOUTH AMERICA

| Time | Station | kHz |
|---|---|---|
| 0000-0030 | Israel | 7412, 9440, 9815, 11655, 15585 |
| 0000-0030 | BBC | 5975, 6005 (A), 7325, 9915, 11750 (A) |
| 0000-0200 | VoAmerica | 1580, 5995, 6130, 9455, 9650, 9690,11580, 11675, 11740, 15205 |
| 0000-0100 | WYFR, USA | 11970 |
| °0030-0115 | Belgium | 5910, 9925 |
| 0030-0130 | HCJB, Ecuador | 15250 |
| 0030-0330 | BBC | 5975, 6005 (A), 7325, 9515 (D), 9915, 11750 (A) |
| 0100-0330 | Cuba | 11725 |
| 0100-0157 | Prague | 5930, 7345, 9540, 9630, 9740, 11990 |
| 0100-0125 | Israel | 7412, 9440, 9815, 11655 15585 |
| 0100-0200 | WYFR, USA | 9715 |
| 0145-0245 | Korea | 11810, 15575 |
| 0145-0245 | Japan | 15195, 17825, 21610, 21640 |
| 0145-0215 | Switzerland | 6135, 9725, 9885, 12035 |
| 0200-0225 | Israel | 7412, 9440, 9815, 11655 |
| 0200-0300 | Taiwan | 11740 (Wy) |
| 0200-0400 | VoAmerica | 1580, 5995, 6130, 9455, 9650, 9690, 11580, 11675, 15205 |
| 0200-0700 | AFRTS, USA | 6030 (By) |
| 0230-0500 | TWR, Neth. Ant. | 800 |
| 0300-0357 | Prague | 5930, 7345, 9540, 9630 9740, 11990 |
| 0300-0400 | R. Lumière, Haiti | 660, 720, 740, 760, 780 |
| 0315-0330 | France | 9790 (Gu), 11670 (Gu), 11995 (Gu) |
| 0330-0600 | Cuba | 6090, 11725 |
| 0330-0430 | Korea | 9570 |
| 0345-0400 | France | 9790 (Gu), 11670 (Gu), 11995 (Gu) |
| 0900-1300 | AFRTS, USA | 6030 (G) |
| 1030-1125 | Holland | 6020 (B), 9650 (B) |
| 1100-1400 | 4VEH, Haiti | 4930 |
| 1100-1250 | Pyongyang | 9745, 9977 |
| 1110-1242 | TWR, Neth. Ant. | 800, 11875 |
| 1200-1400 | Nigeria | 15119 |
| 1215-1530 | HCJB, Ecuador | 15115 |
| 1300-1325 q | Canada | 9650, 11855, 11955 15440, 17820 |
| 1300-0200 | AFRTS, USA | 15330 (By) |
| 1335-1350 | Greece | 11645, 15630, 17565 |
| 1400-1700 g | Canada | 11955, 17820 |
| 1600-1630 | Hanoi, Vietnam | 10040, 15010 |
| 1700-1800 n | VoAmerica | 1580, 15580, 17640, 17860, 21545, 21560, 21840 |
| 1830-1900 | Bulgaria | 9560, 9740, 11735, 11840 |
| 2000-2030 g | Norway | 9525 |
| 2000-2115 | BBC | 15260 (A), |
| 2050-2140 | Cuba | 15300, 17750 |
| 2100-2130 q | UN R. | 15120 (G), 17730 (G) |

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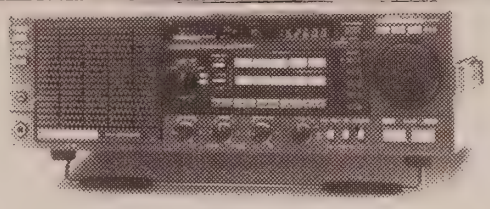

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| Time | Station | kHz or mb |
|---|---|---|
| 2115-2200 | BBC | 11750, 15260 (A) |
| 2130-2200 z | BBC, Falkland Isl. Serv. | 9915, 11820 (A), 12040, 15390 (A) |
| 2130-2200 | KGEI, USA | 15280 |
| 2145-2215 | Switzerland | 9535, 9885, 12035, 15570 |
| 2200-2230 g | Norway | 9520 |
| 2200-2300 | BBC | 5975, 7325, 9915, 11750, 15260 (A) |
| 2300-2330 | Canada | 930 (B), 9755, 11710 |
| 2300-2400 | 4VEH, Haiti | 4930 |
| 2300-0050 | Pyongyang | 9745, 15230 |
| 2300-2330 | BBC | 5975, 7325, 9915, 11750 (A), 15260 (A) |
| 2315-2330 W | BBC, Engl. by R. | 11820 (A), 15390 (A) |
| 2330-2400 | BBC | 5975, 7325, 9915, 11750 (A) |
| 2347-0330 s | WINB, USA | 15145 |


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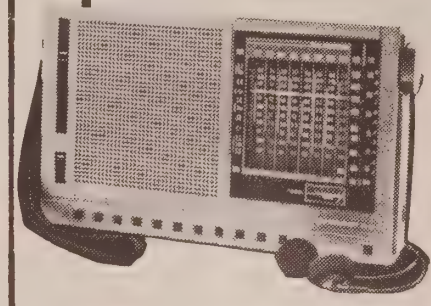

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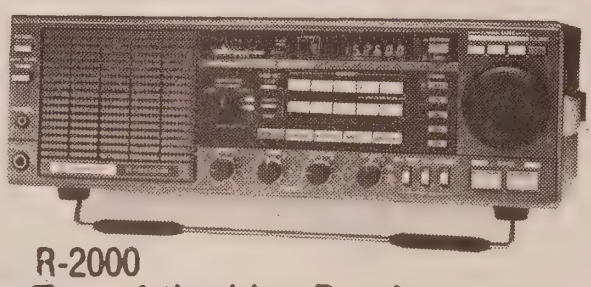

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# WORLD TELEVISION

This section is designed to give an accurate impression of the state of development of TV services in each country. Due to space limitations, we cannot list all the transmitters operated by each organisation, but main (high power) stations are included, and wherever possible the total number of relay or repeater stations is given.

Receiving TV broadcasts from outside the viewer's own country can often be a problem, due to the variety of transmission systems, antenna polarisation and color systems used. Sometimes the choice of system for a particular country is more a political decision than a technical one.

The technical characteristics of the different transmission systems are given in the tables below. The system used by each country is indicated at the top of the entry for that country, along with the color system (PAL, SECAM or NTSC). The antenna polarisation varies from one transmitter to another, and is either horizontal (H) or vertical (V) requiring a compatible receiving antenna.

Normally, an ordinary domestic TV receiver will only produce complete sound-and-vision signals from stations using the system it is designed to receive. Some elements of other signals (eg. sound or vision only) may be received, but to get proper reception it is necessary to have a special set designed for "DX-TV" reception. Various models are available, and readers interested in this subject should contact one of the clubs specialising in this area (see "clubs" in General Index).

**Satellite TV:** Due to space limitations, we are unable to include details of satellite and cable services in this Handbook. However, we are investigating the market for such information, and the opinions of our readers will be welcome.

**N.B:** Information concerning systems and channels used comes from a variety of sources. Although the Editors make every effort to obtain complete details, there are still some countries for which incomplete or contradictory data is received. We welcome cooperation from readers (especially professional users of this section) who can supply corrections and additions to the published details.

**CHARACTERISTICS OF TELEVISION SYSTEMS**
(For more details see CCIR Report 624-2, published in Volume XI of the XVth Plenary Assembly of the CCIR (Geneva 1982) by ITU, CH-1211 Geneva 20, Switzerland).

| System | Number of lines | Channel width MHz | Vision bandwidth MHz | Vision/ sound separation MHz | Vestigial side-band MHz | Vision modulation | Sound modulation |
|---|---|---|---|---|---|---|---|
| A | 405 | 5 | 3 | −3.5 | 0.75 | Pos | AM |
| B | 625 | 7 | 5 | +5.5 | 0.75 | Neg | FM |
| C | 625 | 7 | 5 | +5.5 | 0.75 | Pos | AM |
| D | 625 | 8 | 6 | +6.5 | 0.75 | Neg | FM |
| G | 625 | 8 | 5 | +5.5 | 0.75 | Neg | FM |
| H | 625 | 8 | 5 | +5.5 | 1.25 | Neg | FM |
| I | 625 | 8 | 5.5 | +6 | 1.25 | Neg | FM |
| K | 625 | 8 | 6 | +6.5 | 0.75 | Neg | FM |
| K' | 625 | 8 | 6 | +6.5 | 1.25 | Neg | FM |
| L | 625 | 8 | 6 | +6.5 | 1.25 | Pos | AM |
| M | 525 | 6 | 4.2 | +4.5 | 0.75 | Neg | FM |
| N | 625 | 6 | 4.2 | +4.5 | 0.75 | Neg | FM |

**United States of America:** System M 525 lines.

| ch | MHz | ch | MHz | ch | MHz |
|---|---|---|---|---|---|
| **Band I** | | A-6 | 83.25/87.75 | A-10 | 193.25/197.75 |
| A-2 | 55.25/59.75 | **Band III** | | A-11 | 199.25/203.75 |
| A-3 | 61.25/65.75 | A-7 | 175.25/179.75 | A-12 | 205.25/209.75 |
| A-4 | 67.25/71.75 | A-8 | 181.25/185.75 | A-13 | 211.25/215.75 |
| A-5 | 77.25/81.75 | A-9 | 187.25/191.75 | | |

**Ireland:** System I 625 lines:

| ch | MHz | ch | MHz | ch | MHz |
|---|---|---|---|---|---|
| **Band I** | | **Band III** | | | |
| A | 45.75/51.75 | D | 175.25/181.25 | G | 199.25/205.25 |
| B | 53.75/59.75 | E | 183.25/189.25 | H | 207.25/213.25 |
| C | 61.75/67.75 | F | 191.25/197.25 | J | 215.25/221.25 |

**Continental Europe** (Excl. France, Monaco, Italy and OIRT members): System B 625 lines.

| ch | MHz | ch | MHz | ch | MHz |
|---|---|---|---|---|---|
| **Band I** | | **Band III** | | | |
| E-2 | 48.25/53.75 | E-5 | 175.25/180.75 | E-9 | 203.25/208.75 |
| E-2A | 49.75/55.25 | E-6 | 182.25/187.75 | E-10 | 210.25/215.75 |
| E-3 | 55.25/60.75 | E-7 | 189.25/194.75 | E-11 | 217.25/222.75 |
| E-4 | 62.25/67.75 | E-8 | 196.25/201.75 | E-12 | 224.25/229.75 |

**France, Monaco:** System L 625 lines.

| ch | MHz | ch | MHz | ch | MHz |
|---|---|---|---|---|---|
| **Band I** | | **Band III** | | | |
| 2 | 55.75/49.25 | 5 | 176.00/182.50 | 8 | 200.0/206.50 |
| 3 | 60.50/54.00 | 6 | 184.00/190.50 | 9 | 208.0/214.50 |
| 4 | 63.75/57.25 | 7 | 192.00/198.50 | 10 | 216.0/222.50 |

**French Overseas Territories:** System K' 625 lines.

| ch | MHz | ch | MHz | ch | MHz |
|---|---|---|---|---|---|
| **Band III** | | | | | |
| K'4 | 175.25/181.75 | K'6 | 191.25/197.75 | K'8 | 207.25/221.75 |
| K'5 | 183.25/189.75 | K'7 | 199.25/205.75 | K'9 | 215.25/221.75 |

**Italy:** System B 625 lines.

| ch | MHz | ch | MHz | ch | MHz |
|---|---|---|---|---|---|
| **Band I** | | **Band III** | | | |
| A | 53.75/59.25 | D | 175.25/180.75 | G | 201.25/206.75 |
| B | 62.25/67.75 | E | 183.75/189.25 | H | 210.25/215.75 |
| C | 82.25/87.75 | F | 192.25/197.75 | H1 | 217.25/222.75 |

**USSR** and OIRT members (R) (exc. German Democratic Republic): System D 625 lines.

| ch | MHz | ch | MHz | ch | MHz |
|---|---|---|---|---|---|
| **Band I** | | | | | |
| R1 | 49.75/56.25 | R5 | 93.25/99.75 | R8 | 191.25/197.75 |
| R2 | 59.25/65.75 | **Band III** | | R9 | 199.25/205.75 |
| **Out of Band** | | R6 | 175.25/181.75 | R10 | 207.25/213.75 |
| R3 | 77.25/83.75 | R7 | 183.25/189.75 | R11 | 215.25/221.75 |
| R4 | 85.25/91.75 | | | R12 | 223.25/229.75 |

**Morocco:** System B 625 lines.

| ch | MHz | ch | MHz | ch | MHz |
|---|---|---|---|---|---|
| **Band III** | | M6 | 179.25/184.75 | M9 | 203.25/208.75 |
| M4 | 163.25/168.75 | M7 | 187.25/192.75 | M10 | 211.25/216.75 |
| M5 | 171.25/176.75 | M8 | 195.25/200.75 | | |

**South Africa:** System I 625 lines.

| ch | MHz | ch | MHz | ch | MHz |
|---|---|---|---|---|---|
| 4 | 175.25/181.25 | 7 | 199.25/205.25 | 10 | 223.25/229.25 |
| 5 | 183.25/189.25 | 8 | 207.25/213.25 | 11 | 231.25/237.25 |
| 6 | 191.25/197.25 | 9 | 215.25/221.25 | 13 | 247.43/253.43 |

**Australia:** System B 625 lines.

| ch | MHz | ch | MHz | ch | MHz |
|---|---|---|---|---|---|
| 0 | 46.25/51.75 | 5 | 102.25/107.75 | 8 | 189.25/194.75 |
| 1 | 57.25/62.75 | 5A | 138.25/143.75 | 9 | 196.25/201.75 |
| 2 | 64.25/69.75 | 6 | 175.25/180.75 | 10 | 209.25/214.75 |
| 3 | 86.25/91.75 | 7 | 182.25/187.75 | 11 | 216.25/221.75 |
| 4 | 95.25/100.75 | | | | |

**New Zealand** (NZ): System B 625 lines.

| ch | MHz | ch | MHz | ch | MHz |
|---|---|---|---|---|---|
| 1 | 45.25/50.75 | 4 | 175.25/180.75 | 7 | 196.25/201.75 |
| 2 | 55.25/60.75 | 5 | 182.25/187.75 | 8 | 203.25/208.75 |
| 3 | 62.25/67.75 | 6 | 189.25/194.75 | 9 | 210.25/215.75 |

**Japan:** System M 525 lines.

| ch | MHz | ch | MHz | ch | MHz |
|---|---|---|---|---|---|
| J-1 | 91.25/95.75 | J-5 | 177.25/181.75 | J-9 | 199.25/203.75 |
| J-2 | 97.25/101.75 | J-6 | 183.25/187.75 | J-10 | 205.25/209.75 |
| J-3 | 103.25/107.75 | J-7 | 189.25/193.75 | J-11 | 211.25/215.75 |
| J-4 | 171.25/175.75 | J-8 | 193.25/197.75 | J-12 | 217.25/221.75 |

**China (Peoples Rep. of):** System D 625 lines.

| ch | MHz | ch | MHz | ch | MHz |
|---|---|---|---|---|---|
| C-1 | 49.75/56.25 | C-13 | 471.25/477.75 | C-25 | 605.25/611.75 |
| C-2 | 57.75/64.25 | C-14 | 479.25/485.75 | C-26 | 613.25/619.75 |
| C-3 | 65.75/72.25 | C-15 | 487.25/493.75 | C-27 | 621.25/627.75 |
| C-4 | 77.25/83.75 | C-16 | 495.25/501.75 | C-28 | 629.25/635.75 |
| C-5 | 85.25/91.75 | C-17 | 503.25/509.75 | C-29 | 637.25/643.75 |
| C-6 | 168.25/174.75 | C-18 | 511.25/517.75 | C-30 | 645.25/651.75 |
| C-7 | 176.25/182.75 | C-19 | 519.25/525.75 | C-31 | 653.25/659.75 |
| C-8 | 184.25/190.75 | C-20 | 527.25/533.75 | C-32 | 661.25/667.75 |
| C-9 | 192.25/198.75 | C-21 | 535.25/541.75 | C-33 | 669.25/675.75 |
| C-10 | 200.25/206.75 | C-22 | 543.25/549.75 | C-34 | 677.25/683.75 |
| C-11 | 208.25/214.75 | C-23 | 551.25/557.75 | C-35 | 685.25/691.75 |
| C-12 | 216.25/222.75 | C-24 | 559.25/565.75 | C-36 | 693.25/699.75 |

**Television on VHF/UHF (Band IV/V)**
**Europe & Africa.**
VHF/UHF television systems for Band IV/V adopted by the European Broadcasting Conference Stockholm 1961 and by the African Broadcasting Conference, Geneva 1963 are 625-lines systems only. These can be grouped into 5 categories, here called Standards G to L.

| Standard | Video Band-width (MHz) | Picture/ Sound Separation (MHz) | Vestigial Sideband (MHz) | Picture modulation | Sound modulation | Frequency of chrominance subcarrier (MHz) | Power ratio picture/sound |
|---|---|---|---|---|---|---|---|
| G | 5 | 5.5 | 0.75 | Neg | FM | 4.43 | 5:1 |
| H | 5 | 5.5 | 1.25 | Neg | FM | 4.43 | 5:1 |
| I | 5.5 | 6 | 1.25 | Neg | FM | 4.43 | 5:1 |
| K | 6 | 6.5 | 0.75 | Neg | FM | 4.43 | 5:1 |
| L | 6 | 6.5 | 1.25 | Pos | AM | 4.43 | 8:1 |

The sound carrier frequency for each channel can be determined by adding the appropriate figure to the vision carrier frequency given above (5.5MHz for systems G, H; 6MHz for system I and 6.5MHz for systems K, L). In We. Germany ch38 is reserved for aero-navigation.

| ch | Vision MHz | ch | Vision MHz | ch | Vision MHz | ch | Vision MHz |
|---|---|---|---|---|---|---|---|
| **Band IV** | | 33 | 567.25 | 45 | 663.25 | 58 | 767.25 |
| 21 | 471.25 | 34 | 575.25 | 46 | 671.25 | 59 | 775.25 |
| 22 | 479.25 | 35 | 583.25 | 47 | 679.25 | 60 | 783.25 |
| 23 | 487.25 | 36 | 591.25 | 48 | 687.25 | 61 | 791.25 |
| 24 | 495.25 | 37 | 599.25 | 49 | 695.25 | 62 | 799.25 |
| 25 | 503.25 | 38 | 607.25 | 50 | 703.25 | 63 | 807.25 |
| 26 | 511.25 | **Band V** | | 51 | 711.25 | 64 | 815.25 |
| 27 | 519.25 | 39 | 615.25 | 52 | 719.25 | 65 | 823.25 |
| 28 | 527.25 | 40 | 623.25 | 53 | 727.25 | 66 | 831.25 |
| 29 | 535.25 | 41 | 631.25 | 54 | 735.25 | 67 | 839.25 |
| 30 | 543.25 | 42 | 639.25 | 55 | 743.25 | 68 | 847.25 |
| 31 | 551.25 | 43 | 647.25 | 56 | 751.25 | 69 | 855.25 |
| 32 | 559.25 | 44 | 655.25 | 57 | 759.25 | | |

**UHF Channels:** Japan.

| ch | MHz | ch | MHz | ch | MHz |
|---|---|---|---|---|---|
| 13 | 471.25/475.75 | 30 | 573.25/577.75 | 47 | 675.25/679.75 |
| 14 | 477.25/481.75 | 31 | 579.25/583.75 | 48 | 681.25/685.75 |
| 15 | 483.25/487.75 | 32 | 585.25/589.75 | 49 | 687.25/691.75 |
| 16 | 489.25/493.75 | 33 | 591.25/595.75 | 50 | 693.25/697.75 |
| 17 | 495.25/499.75 | 34 | 597.25/601.75 | 51 | 699.25/703.75 |
| 18 | 501.25/505.75 | 35 | 603.25/607.75 | 52 | 705.25/709.75 |
| 19 | 507.25/511.75 | 36 | 609.25/613.75 | 53 | 711.25/715.75 |
| 20 | 513.25/517.75 | 37 | 615.25/619.75 | 54 | 717.25/721.75 |
| 21 | 519.25/523.75 | 38 | 621.25/625.75 | 55 | 723.25/727.75 |
| 22 | 525.25/529.75 | 39 | 627.25/631.75 | 56 | 729.25/733.75 |
| 23 | 531.25/535.75 | 40 | 633.25/637.75 | 57 | 735.25/739.75 |
| 24 | 537.25/541.75 | 41 | 639.25/643.75 | 58 | 741.25/745.75 |
| 25 | 543.25/547.75 | 42 | 645.25/649.75 | 59 | 747.25/751.75 |
| 26 | 549.25/553.75 | 43 | 651.25/655.75 | 60 | 753.25/757.75 |
| 27 | 555.25/559.75 | 44 | 657.25/661.75 | 61 | 759.25/763.75 |
| 28 | 561.25/565.75 | 45 | 663.25/667.75 | 62 | 765.25/769.75 |
| 29 | 567.25/571.75 | 46 | 669.25/673.75 | | |

**UHF Channels:** USA.

| ch | MHz | ch | MHz | ch | MHz |
|---|---|---|---|---|---|
| A-14 | 471.25/475.75 | A-38 | 615.25/619.75 | A-62 | 759.25/763.75 |
| A-15 | 477.25/481.75 | A-39 | 621.25/625.75 | A-63 | 765.25/769.75 |
| A-16 | 483.25/487.75 | A-40 | 627.25/631.75 | A-64 | 771.25/775.75 |
| A-17 | 489.25/493.75 | A-41 | 633.25/637.75 | A-65 | 777.25/781.75 |
| A-18 | 495.25/499.75 | A-42 | 639.25/643.75 | A-66 | 783.25/787.75 |
| A-19 | 501.25/505.75 | A-43 | 645.25/649.75 | A-67 | 789.25/793.75 |
| A-20 | 507.25/511.75 | A-44 | 651.25/655.75 | A-68 | 795.25/799.75 |
| A-21 | 513.25/517.75 | A-45 | 657.25/661.75 | A-69 | 801.25/805.75 |
| A-22 | 519.25/523.75 | A-46 | 663.25/667.75 | A-70 | 807.25/811.75 |
| A-23 | 525.25/529.75 | A-47 | 669.25/673.75 | A-71 | 813.25/817.75 |
| A-24 | 531.25/535.75 | A-48 | 678.25/679.75 | A-72 | 819.25/823.75 |
| A-25 | 537.25/541.75 | A-49 | 681.25/685.75 | A-73 | 825.25/829.75 |
| A-26 | 543.25/547.75 | A-50 | 687.25/691.75 | A-74 | 831.25/835.75 |
| A-27 | 549.25/553.75 | A-51 | 693.25/697.75 | A-75 | 837.25/841.75 |
| A-28 | 555.25/559.75 | A-52 | 699.25/703.75 | A-76 | 843.25/847.75 |
| A-29 | 561.25/565.75 | A-53 | 705.25/709.75 | A-77 | 849.25/853.75 |
| A-30 | 567.25/571.75 | A-54 | 711.25/715.75 | A-78 | 855.25/859.75 |
| A-31 | 573.25/577.75 | A-55 | 717.25/721.75 | A-79 | 861.25/865.75 |
| A-32 | 579.25/583.75 | A-56 | 723.25/727.75 | A-80 | 867.25/871.75 |
| A-33 | 585.25/589.75 | A-57 | 729.25/733.75 | A-81 | 873.25/877.75 |
| A-34 | 591.25/595.75 | A-58 | 735.25/739.75 | A-82 | 879.25/883.75 |
| A-35 | 597.25/601.75 | A-59 | 741.25/745.75 | A-83 | 888.25/889.75 |
| A-36 | 603.25/607.75 | A-60 | 747.35/751.75 | | |
| A-37 | 609.25/613.75 | A-61 | 753.25/757.75 | | |

**We are always pleased to hear from readers who can supply details of transmitters, colour systems and programme times not already listed. Please write to our editorial office: WRTH Søliljevej 44, DK-2650 Hvidovre, Denmark.**

# EUROPE

## ALBANIA

**TV-sets:** 46.000 — **Systems:** B & G — **Colour:** PAL.

### RADIOTELEVISIONE SHQIPTAR (Gov.)

**Addr. & L.P:** see radio.

| Stations: | ch | kW/Pol | Stations: | ch | kW/Pol |
|---|---|---|---|---|---|
| Tirana | C | 100 | Tirana | 10 | 0.2V |
| Elbasan | 6 | 10 | Pogradec | 11 | 100H |
| Gjirokaster | 7 | 10 | Kükes | 12 | 100H |
| Peshkopi | 8 | 10 | Kükes | 39 | 10H |
| Berat | 9 | 10H | | | |

**D.Prgrs:** 1700-2100 (Sun also 0900-1430).

## AUSTRIA

**TV-sets:** 3.035.000 (incl. 2.035.000 colour sets) — **Colour:** PAL
**Systems:** B&G.

### ÖSTERREICHISCHER RUNDFUNK

**Addr:** ORF-Zentrum Wien, A-1136 Wien, Würzburggasse 30.
**L.P:** Dir. Gen: Gerd Bacher. Dir. of TV: F. Kreuzer; E. Wolfram Marboe. Techn. Dir: Dipl. Ing. Norbert Wassiczek.
**Stations** (System B ch1-12, System G ch 21-68) Pol: H.

| 1st Prgr | ch | kW | 1st Prgr | ch | kW |
|---|---|---|---|---|---|
| St. Pölten (Jauerling) | 2 | 60/12 | Bregenz 1 (Pfänder) | 5 | 100/20 |
| Innsbruck (Patscherkofel) | 4 | 60/12 | Kufstein (Kitzbüheler Horn) | 5 | 3/0.6 |
| Neumarkt (Kulmeralpe) | 4 | 1/0.2 | Wien 1 (Kahlenberg) | 5 | 100/20 |
| Bad Ischl (Katrin) | 5 | 2/0.4 | | | |

| 1st Prgr | ch | kW | 1st Prgr | ch | kW |
|---|---|---|---|---|---|
| Linz 1 (Lichtenberg) | 6 | 100/20 | Klagenfurt 1 (Dobratsch) | 10 | 160/32 |
| Rechnitz (Hirschenstein) | 6 | 3/0.6 | Semmering (Sonnwendstein) | 10 | 10/2 |
| Seefeld (Gschwandkopf) | 6 | 1/0.2 | Schladming 1 (Hauser Kaibling) | 11 | 10/2 |
| Graz 1 (Schöckl) | 7 | 100/20 | Spittal/Drau 1 (Goldeck) | 12 | 2/0.4 |
| Weitra (Wachberg) | 7 | 5/1 | Wien 1 (Kahlenberg(exp)) | 34 | 50/10 |
| Salzburg (Gaisberg) | 8 | 100/20 | Mattersburg (Heuberg) | 38 | 30/6 |
| Wolfsberg (Koralpe) | 8 | 2/0.4 | St. Pölten | 38 | 100/20 |
| Bruck-Mur (Mugel) | 9 | 20/4 | Bad Ischl | 38 | 1/0.2 |
| Bludenz 1 (Dünserberg) | 9 | 2/0.4 | Poysdorf (Galgenberg) | 51 | 10/2 |

+ 413 low power st's.

| 2nd Prgr | ch | kW | 2nd Prgr | ch | kW |
|---|---|---|---|---|---|
| St. Pölten (Jauerling) | 21 | 800/160 | Semmering (Sonnwendstein) | 36 | 65/13 |
| Bad Ischl (Katrin) | 22 | 20/4 | Schladming 1 (Hauser Kaibling) | 40 | 80/16 |
| Graz 1 (Schockl) | 23 | 800/160 | Bruck/Mur 1 (Mugel) | 41 | 200/40 |
| Innsbrück 1 (Patscherkofel) | 23 | 800/160 | Lienz (Rauchkofel) | 41 | 15/3 |
| Bregenz 1 (Pfander) | 24 | 350/70 | Linz 1 (Lichtenberg) | 43 | 500/100 |
| Klagenfurt 1 (Dobratsch) | 24 | 1250/250 | Poysdorf (Galgenberg) | 43 | 10/2 |
| Kufstein (Kitzbüheler Horn) | 24 | 50/10 | Rechnitz (Hirschenstein) | 43 | 55/11 |
| Wien 1 (Kahlenberg) | 24 | 1000/200 | Neumarkt (Kulmer Alpe) | 47 | 10/2 |
| Wolfsberg 1 (Koralpe) | 28 | 20/4 | Mattersburg (Heuberg) | 52 | 30/6 |
| Salzburg (Gaisberg) | 32 | 800/160 | Spittal/Drau 1 (Goldeck) | 54 | 20/4 |
| Bludenz 1 (Dünserberg) | 33 | 30/6 | Weitra (Wachberg) | 58 | 90/18 |
| | | | Gmunden (Grünberg) | 59 | 10/2 |

+ 409 low power st's.
**D. Prgr:** W 0900-1230, 1700-2330 (Sat/Sun 1500-2330). Times are approx. W 1000-1030 for schools.
**Fl:** By licence payments and adv.
**ALF:** ÖSch. 1.948,- (radio + TV), ÖSch. 1.840,- (TV only).

## AZORES (Portuguese)

**TV-sets:** 1.900 — **Colour:** PAL — **System:** B.

### RADIOTELEVISÃO PORTUGUESA (RTP)

**Addr:** Ponta Delgada, S. Miguel.
**Stations:** Pico da Barrosa chE7 150/15kW H, Santa Barbara chE9 100/5kW H + 7 low power repeaters.
**D.Prgrs:** 2000-2400.
**ALF:** Esc. 1.625,- (Colour sets Esc. 3.250,-).

### AFRTS (US Air Force)

**Addr:** Detachment 3, Air Force European Broadc. Squadron, APO New York, N.Y. 09406.
**Station:** (System M): Lajes Field chA8 0.1kW.
**D. Prgr:** 0900-0200 (Fri/Sat 0400).

## BELGIUM

**TV-sets:** 5.127.801 (incl. 2.146.304 colour sets) — **Colour:** PAL
**Systems:** B & H.

### BELGISCHE RADIO EN TELEVISIE (BRT)

**Dutch language network**
Public sce. Grants by Flemish Council.
**Addr:** Omroepcentrum, B-1040 Brussels. **Te:** 737 31 11.
**Cable:** BRT-TV
**L.P:** Dir. Gen: B. Hermans.
**Stations** (ch2-11 System B; ch21-62 system H).

| Network 1 | chE | kW | Pol |
|---|---|---|---|
| Antwerpen | 2 | 0.1/0.01 | V |
| Waver/Overijse | 10 | 100/10 | H |
| Brussel | 11 | 5W/0.5W | V |
| Egem | 43 | 1000/100 | H |
| Genk | 44 | 200/20 | H |
| Oostvleteren | 49 | 20/2 | V |

| Network 2 | chE | kW | Pol |
|---|---|---|---|
| Waver/Overijse | 25 | 1000/100 | H |
| Egem | 46 | 1000/100 | H |
| Genk | 47 | 200/20 | H |
| Brussel | 48 | 0.5/0.05 | H |
| Oostvleteren | 55 | 20/2 | V |
| Schoten | 62 | 200/20 | H |

**D. Prgr:** 1700 (Wed 1430)-2135 (Fri/Sat 2215); Sun 0830-2210.

### RADIO TÉLÉVISION BELGE DE LA COMMUNAUTE CULTURELLE FRANÇAISE

**French language network**
Public sce. Grants by French language Council.
**Addr:** Cité de la Radio-Télévision, B-1040 Brussels. **Te:** 737 2111. **Cable:** RTBF-TV.
**L.P:** Prgr. Dir: G. Konen.
**Stations** (PAL; System B ch 1-12, System H ch 21-68):

| | chE | kW | Pol | Prgr. |
|---|---|---|---|---|
| Liège | 3 | 100/10 | H | 1 |
| Wavre | 8 | 100/10 | H | 1 |
| Léglise | 11 | 10/1 | H | 1 |
| Liège | 42 | 1000/100 | H | 2 |
| Profondeville | 49 | 50/2 | H | 2 |
| Profondeville | 52 | 200/20 | H | 1 |
| Tournai | 57 | 20/2 | V | 1 |
| Léglise | 60 | 200/20 | H | 2 |
| Anderlues | 61 | 200/20 | H | 2 |
| Tournai | 63 | 20/2 | V | 2 |

+ 9 low power relay sts.
**D. Prgr:** W 1600 (Wed 1315)-2200; Sun 0900-2130.
**ALF:** Monochrome: Bfrs: 2.880,-; Colour: Bfrs 4.500,-.

## BULGARIA

**TV-sets:** 2.000.000 (incl. 260.000 colour sets)
**Colour:** SECAM — **Systems:** D & K.

### BÂLGARSKO TELEVIZIJA (Gov.)

**Addr:** Ul. T. Strašimirov 2, 1504 Sofia 4. **Te:** (02)4681. **Cable:** TV-Bulgar.
**Stations:** (System D ch1-12, System K ch21-60):

| Prgr. 1 | ch | kW | | ch | kW |
|---|---|---|---|---|---|
| Šumen | 5 | 100 | Kjustendil | 10 | 50 |
| Burgas | 7 | 100 | Notev Vrâh | 11 | 250 |
| Sofia | 7 | 10 | Belogradčik | 12 | 50 |
| Strumni Rid | 9 | 50 | Sliven | 12 | 20 |
| Zelena Glava | 9 | 5 | Tolbuhin | 12 | 5 |
| Varna | 9 | 1 | | | |

**D.Prgr:** W 0700-1000, 1430-2000; Sat 0700-2200; Sun 0700-2200.

| Prgr. 2 | ch | kW | | ch | kW |
|---|---|---|---|---|---|
| Botev Vrâh | 22 | 1000 | Kjustendil | 34 | 100 |
| Varna | 33 | 100 | Šumen | 39 | 1000 |
| Kârdžali | 34 | 100 | | | |

+ 250 low power tr's (Prgr. 1 + 2)
**D.Prgr:** 1530-2000. Relay TSS-1 from Moscow Fri 1800-2000.
**ALF:** Leva 12, -.

## CZECHOSLOVAKIA

**TV-sets:** 4.350.000 (licenses) — **Colour:** SECAM
**Systems:** D (Pr.1), K (Pr.2).

### CESKOSLOVENSKA TELEVIZE

**Addr:** Jindrisska 16, 11150 Praha 1. **Te:** 221247.
**Cable:** Televize. **Telex:** 121800.
**L.P:** Head of Int. Rel. Dept: Dr. Jan Sumavsky.

| Stations | ch | kW | Pol | Stations | ch | kW | Pol |
|---|---|---|---|---|---|---|---|
| Praha | 1 | 150/60 | H | Liptov | 9 | 20/6 | V |
| Ostrava | 1 | 100/40 | H | Susice | 9 | 15/6 | H |
| C. Budejovice | 2 | 100/40 | H | Stúrovo | 9 | 15/6 | V |
| Bratislava | 2 | 150/60 | H | Plzen | 10 | 100/40 | H |
| Námestovo | 4 | 20/6 | H | Trencín | 10 | 20/6 | V |
| Poprad | 5 | 60/24 | V | Jihlava | 11 | 15/6 | H |
| Kosice | 6 | 100/40 | V | Zilina | 11 | 60/24 | V |
| Pardubice | 6 | 100/33 | H | Trutnov | 11 | 15/6 | V |
| Klatovy | 6 | 20/6 | H | Usti n. Labem | 12 | 100/40 | V |
| Val. Mezirici | 6 | 15/6 | V | Domalize | 12 | 15/6 | H |
| B. Bystrica | 7 | 100/40 | H | M. Kamen | 12 | 15/6 | V |
| Praha (mesto) | 7 | 3.5/1.4 | H | Uherský Brod | 21 | 8 | H |
| Liberec | 8 | 30/12 | V | Cheb | 26 | 100/40 | H |
| Brno | 9 | 150/60 | H | Gottwaldov | 41 | 10/2 | H |

+ 935 sts not mentioned.

**D.Prgr. 1st Prgr:** Sun 0730-2100; Mon 1430-2200; Tues-Thurs 0800-1100, 1500-2200; Fri 0800-1100, 1500-2330; Sat 0730-2330.

**2nd Prgr:** Pol: H (Audio power 1/5 of vision power).

| Stations | ch | kW | Stations | ch | kW |
|---|---|---|---|---|---|
| Modrý Kamen | 21 | 100 | Lucenec | 33 | 100 |
| Klatovy | 22 | 100 | Olomouc | 33 | 20 |
| Pardubice | 22 | 600 | Usti n. Labem | 33 | 600 |
| Gottwaldov | 22 | 100 | M. Kamen | 33 | 100 |
| Trutnov | 23 | 1000 | Nový Jicin | 34 | 100 |
| Domazlice | 24 | 100 | Plzen(mesto) | 34 | 100 |
| Praha(mesto) | 24 | 100 | Zilina | 35 | 1000 |
| Kosice | 25 | 600 | Brno(mesto) | 35 | 100 |
| Praha | 26 | 1000 | Susice | 35 | 100 |
| Bratislava | 27 | 1000 | Cheb | 36 | 100 |
| Trebíc | 28 | 300 | Jesenik | 36 | 600 |
| Brno | 29 | 600 | Frýdek-Mistek | 37 | 300 |
| Námestovo | 29 | 100 | Borsky-Mikulás | 37 | 100 |
| Poprad | 30 | 600 | Bardejov | 37 | 100 |
| Ostrava | 31 | 600 | Jáchymov | 38 | 300 |
| Plzen | 31 | 600 | C. Budejovice | 39 | 600 |
| Liberec | 31 | 100 | N. Mesto n. Váhom | 39 | 600 |
| B. Bystrica | 32 | 600 | | | |
| Prachatice | 32 | 100 | | | |

+ 84 repeater stations not mentioned.

**2nd Prgr:** Sun 1500-2200; Mon-Thurs 1630-2000; Fri 1500-2200; Sat 1600-2300.

**ALF:** Czech Crowns 300, —.

### Soviet Television Relay

| Stations | ch | kW | Stations | ch | kW |
|---|---|---|---|---|---|
| Teplice | 2 | 0.1 | Košice | 27 | 1 |
| Praha 1 | 11 | 0.05 | Plzeň | 27 | 2 |
| Karlovy Vary | 21 | 1 | Praha 2 | 41 | 0.1 |

**D.Prgr:** Relays of TSS-1 prgr via satellite from Moscow.

## DENMARK

**TV-sets:** 1.900.016 (licenses) incl. 1.461.240 colour licenses — **Colour:** PAL — **System:** B.

### DANMARKS RADIO (Gov.)

**Addr:** Danmarks Radio, TV-Byen, DK-2860 Søborg. **Te:** (01) 671233. **Cable:** Danradio. **Telex:** 22695.

**L.P:** Dir. Prgr: Hans Jørgen Jensen. Head of Culture Dept: Werner Svendsen. Head of Actualities: Lasse Jensen. Head of Drama: B. Lense-Møller. Head of TV-production: J. Haervig. Head of Nat. reg. TV: Gerhard Nielsen. For other personnel: see radio.

**Stations:** Pol H exc. So. We. Jutland: V.

| Location | ch | kW | | ch | kW |
|---|---|---|---|---|---|
| Funen | 3 | 10/1 | So. Zeeland | 6 | 60/6 |
| Copenhagen | 4 | 50/5 | So. Jutland | 7 | 60/6 |
| Ålborg | 5 | 50/5 | Århus | 8 | 60/6 |
| So. We. Jutland | 5 | 5/0.5 | We. Jutland | 10 | 60/6 |
| Bornholm | 5 | 10/1 | Vendsyssel | 51 | 22/2.2 |

+ 24 low power repeaters not mentioned.

**D.Prgr:** Mon-Fri during daytime school and children's prgrs; Sat/Sun: repeats or sports during afternoon hours.
D 1630-2200 (approx). general prgrs (all colour).

**ALF:** D.Kr. 1.136,-(colour). D.Kr. 672,-(b/w).

## FAROE ISLANDS (Danish)

**TV-sets:** 9.000 — **System:** B — **Colour:** PAL.

### SJØNVARP FØROYA

**Addr:** P.O. Box 21, 3800 Tórshavn. **Te:** 17780 — **L.P:** Gen. Mgr: J.A. Skaale. Dir. of Adm: F. Lómstein. Head of Technical Dept: R.C. Joensen.

**Stations:** Tórshavn ch6 10kW H, Suderoy ch9 0.2kW H, Eysturoy ch10 0.1kW V + 20 low power repeaters.

**D.Prgrs:** Tues 1930-2300; Thurs 2100-2200; Fri 1930-2330; Sat 1930-2400; Sun 1500-1700 & 1930-2300.

**ALF:** 672.-

## FINLAND

**TV-sets:** 1.738.432 (licenses) (incl. 1.205.033 colour sets).
**Colour:** PAL — **Systems:** B & G.

### OY YLEISRADIO AB (Non-comm, Public Broadc. Sce.)

**Addr:** Prgr. 1, Box 10, SF-00241, Helsinki 24. **Te:** 418811. **Cable:** Yletv. **Telex:** 12-1270. Prgr. 2: 33270 Tampere 27, Tohlopinranta 12. **Te:** 445455. **Telex:** 22-176.

**L.P:** Dir. TV-1: A. Wessberg. Dir. TV-2: T. Siikala. For other personnel: See radio.
(Studios: 12 of which 5 are in Helsinki).

**Stations** (System B ch 1-12, System G ch 21-68):

| Prgr. 1 | ch | kW | Pol | | ch | kW | Pol |
|---|---|---|---|---|---|---|---|
| Tervola | 3 | 20 | H | Turku | 7 | 60 | H |
| Ruka | 4 | 3 | V | Koli | 8 | 20 | H |
| Vuokatti | 4 | 40 | H | Tampere | 8 | 80 | H |
| Kuttanen | 5 | 3 | H | Haapavesi | 9 | 60 | H |
| Lapua | 5 | 80 | H | Kerimäki | 9 | 10 | H |
| Pyhätunturi | 5 | 60 | H | Lahti | 9 | 80 | H |
| Sippola | 5 | 20 | H | Rovaniemi | 9 | 1 | V |
| Ahvenanmaa | 5 | 10 | H | Joutseno | 10 | 10 | H |
| Espoo | 6 | 180 | H | Pihtipudas | 10 | 60 | H |
| Isalmi | 6 | 0.2 | H | Tammela | 10 | 10 | H |
| Mikkeli | 6 | 10 | H | Inari | 10 | 30 | H |
| Pvhävuori | 6 | 20 | H | Eurajoki | 11 | 20 | H |
| Taivalkoski | 6 | 60 | H | Jyväskylä | 11 | 10 | H |
| Utsjoki | 6 | 1 | H | Vaasa | 11 | 1 | H |
| Karigasniemi | 7 | 1 | H | Ylläs | 11 | 60 | H |
| Kruunupyy | 7 | 10 | H | Kaunispää | 22 | 5 | H |
| Kuopio | 7 | 80 | H | Rovaniemi | 53 | 100 | H |
| Oulu | 7 | 60 | V | | | | |

+ 64 low power repeaters.

**D.Prgr:** Mon-Fri 1530-2100, Sat 1400-2200, Sun 1300-2100.

| Prgr. II | ch | kW | Pol | | ch | kW | Pol |
|---|---|---|---|---|---|---|---|
| Espoo | 8 | 60 | H | Eurajoki | 33 | 600 | H |
| Turku | 9 | 30 | V | Kuopio | 36 | 600 | H |
| Vaasa | 9 | 1 | H | Tammela | 37 | 600 | H |
| Pyhävuori | 10 | 20 | H | Mikkeli | 38 | 600 | H |
| Oulu | 11 | 10 | V | Tohmajärvi | 38 | 5 | H |
| Tervola | 22 | 1000 | H | Lahti | 40 | 600 | H |
| Taivalkoski | 23 | 600 | H | Inari | 40 | 600 | H |
| Karisganiemi | 23 | 20 | H | Rovaniemi | 42 | 1 | H |
| Lapua | 24 | 1000 | H | Sippola | 49 | 600 | H |
| Jyväskylä | 25 | 600 | H | Koli | 51 | 600 | H |
| Haapavesi | 28 | 1000 | H | Tampere | 53 | 1000 | H |
| Ruka | 28 | 300 | H | Ylläs | 55 | 900 | H |
| Kaunispää | 30 | 5 | H | Kerimäki | 55 | 600 | H |
| Kruunupyy | 30 | 200 | H | Rovaniemi | 56 | 100 | H |
| Joutseno | 32 | 600 | H | Vuokatti | 56 | 1000 | H |
| Pihtipudas | 32 | 1000 | H | Kuttanen | 60 | 20 | H |
| Pyhätunturi | 32 | 650 | H | | | | |

+ 52 low power repeaters.

**D.Prgr:** 1600-2030.

**Fl:** By license fee and adv.

**ALF:** Colour: 590,- Fmk (TVI + II), 460,- Fmk (TVI); Black & White: 330,- Fmk (TVI + II), 240,- Fmk (TVI).

### MTV Oy (Comm.)

**Addr:** Ilmalantori 2, SF-00240 Helsinki 24. **Te:** 15001.
**Cable:** Comtele. **Telex:** 121544 & 124895.

**L.P:** Pres: E. Pilkama. Vice Pres: J. Paavela. Prgr. Dir: Tauno Äijälä. Tec. Dir: H. Marsalo. Int. Rel. Mgr: R. Lahti. Marketing Dir: R. Ruohisto.

**Prgr's:** Transmits prgr's on both Yleisradio's channels. Daily 4 transmissions, about 20 hrs. weekly.

# FRANCE

**TV-sets:** 17.290.000 (incl. 10.284.000 colour sets) — **Colour:** SECAM — **System:** L.

## TELEVISION FRANÇAISE 1 (TF1)

**Addr:** Société National TF1, 15 rue Cognacq Jay, F-75330, Paris Cedex 07. **Te:** 555 35 35. **Telex:** FRANTELE 200 006. Adm: 17, rue de l'Arrivée, F-75737 Paris Cedex 15. **Te:** 538 52 55. **Telex:** 250878.
**L.P:** Pres. & Dir. Gen: H. Bourges. Dir. Tec: F. Hericourt.

**Stations** (Pol = H)

| Location | chF | kW (ERP) | Location | chF | kW (ERP) |
|---|---|---|---|---|---|
| Caen | 22 | 1000 | Forbach | 47 | 20 |
| Clermont-Ferrand | 22 | 1000 | Millau | 47 | 20 |
| Perpignan | 22 | 10 | Utelle | 47 | 10 |
| Rouen | 23 | 500 | Besançon | 47 | 500 |
| Brive | 23 | 150 | Alençon | 48 | 100 |
| Nancy | 23 | 500 | Autun | 48 | 500 |
| Nantes | 23 | 1000 | Morteau | 48 | 20 |
| Bourges | 23 | 1000 | St. Martin de Belleville | 48 | 5 |
| Le Mans | 24 | 1000 | Paris Sud | 49 | 3 |
| Chamonix | 25 | 50 | Mortain | 50 | 10 |
| Paris | 25 | 700 | Serres | 50 | 2 |
| St. Raphael | 25 | 1000 | Vannes | 50 | 500 |
| Ales | 27 | 100 | Neufchatel | 51 | 80 |
| Lille | 27 | 1000 | Bar le Duc | 51 | 200 |
| Brest | 27 | 1000 | Corte | 51 | 100 |
| Gap | 27 | 8 | Toulon | 51 | 100 |
| Gex | 27 | 1000 | Parthenay | 52 | 80 |
| Toulouse | 17 | 1000 | Longwy | 52 | 100 |
| Mulhouse | 27 | 1000 | Chaumont | 52 | 80 |
| Troyers | 27 | 1000 | Saint Flour | 52 | 6 |
| Niort | 28 | 1000 | Tarascon sur Ariege | 52 | 5 |
| Chambery | 29 | 100 | Hirson | 54 | 200 |
| Besançon Town | 29 | 250 | Wissembourg | 54 | 50 |
| Marseille | 29 | 1000 | Chartres | 55 | 250 |
| Boulogne | 29 | 100 | Limoges | 56 | 1000 |
| Mezières | 29 | 500 | Grenoble | 56 | 50 |
| Vittel | 30 | 80 | Sens | 57 | 100 |
| Ajaccio | 31 | 500 | Cluses | 56 | 8 |
| St. Etienne | 35 | 10 | Montpellier | 56 | 1000 |
| Le Creusot | 35 | 20 | Macon | 57 | 5 |
| Mende | 37 | 80 | Champagnole | 58 | 80 |
| Metz | 37 | 1000 | Dijon | 59 | 1000 |
| Auxerre | 37 | 300 | Aurillac-Quercy | 59 | 500 |
| Bergerac | 37 | 250 | Lyon | 61 | 10 |
| Rennes | 39 | 1000 | Strasbourg | 62 | 1000 |
| Maubeuge | 39 | 5 | Nice | 62 | 10 |
| Lesparre | 39 | 10 | Menton | 62 | 50 |
| Marseille | 40 | 10 | Chaumont | 62 | 80 |
| Porto-Vecchio | 40 | 25 | Abbeville | 63 | 250 |
| Sarrabourg | 40 | 250 | Laval | 63 | 80 |
| Amiens | 41 | 500 | Bordeaux | 63 | 1000 |
| Saint Gingolf | 41 | 0.25 | Le Puy | 63 | 100 |
| Bastia | 41 | 500 | Carcassonne | 64 | 1000 |
| Avignon | 42 | 125 | Mantes | 64 | 80 |
| Dunkerque | 42 | 200 | Montmellian | 64 | 3 |
| Orleans | 42 | 100 | Nice | 64 | 10 |
| Ussel | 42 | 50 | Gueret | 64 | 80 |
| Paris Est | 43 | 5 | Privas | 64 | 50 |
| Reims | 43 | 1000 | Bayonne | 64 | 500 |
| Paris Nord | 45 | 10 | Cherbourg | 65 | 100 |
| Toulouse | 45 | 10 | Tours | 65 | 200 |
| Albertville | 45 | 5 | Villers -Cotterets | 65 | 50V |
| Lyon (Mt. Pilat) | 46 | 1000 | Epinal | 65 | 100 |
| Le Havre | 46 | 100 | Hyères | 65 | 35 |
| Argenton | 46 | 80 | Verdun | 65 | 500 |
| Pignans | 46 | 2 | | | |
| Angers | 47 | 20 | | | |

+ low power relay sts not mentioned.
**D. Prgrs:** 1100 (Sat/Sun 0800)-2300.

## ANTENNE 2 (A2)

**Addr:** Société Nationale Antenne 2, 22 Ave Montaigne, F-75008 Paris. **Te:** (1) 2994242. **Telex:** 204 068.
**L.P:** Pres. & Dir. Gen: P. Desgraupes.
**Stations** Pol = H.

| Location | chF | kW (ERP) | Location | chF | kW (ERP) |
|---|---|---|---|---|---|
| Ajaccio | 21 | 500 | Marseille | 46 | 10 |
| Ales | 21 | 100 | Amiens | 47 | 500 |
| Brest | 21 | 1000 | Bastia | 47 | 500 |
| Gex | 21 | 1000 | Longwy | 47 | 100 |
| Lille | 21 | 1000 | Hirson | 48 | 500 |
| Mulhouse | 21 | 1000 | Toulon | 48 | 100 |
| Toulouse | 21 | 500 | Wissembourg | 48 | 50 |
| Gap | 21 | 8 | Bar-le-Duc | 48 | 200 |
| Forbach | 22 | 20 | Neufchatel | 48 | 80 |
| Niort | 22 | 1000 | Chaumont | 49 | 80 |
| Paris | 22 | 700 | St. Flour | 49 | 6 |
| Bescançon | 23 | 250 | Parthenay | 49 | 80 |
| Marseille | 23 | 1000 | Grenoble | 50 | 50 |
| Mezières | 23 | 500 | Limoges | 50 | 1000 |
| Troyes | 24 | 1000 | Montpellier | 50 | 1000 |
| Caen | 25 | 1000 | Menton | 50 | 50 |
| Perpignan | 25 | 10 | Chartres | 50 | 250 |
| Bourges | 26 | 1000 | Cluses | 50 | 8 |
| Chambery | 26 | 100 | Autun | 51 | 500 |
| Le Mans | 27 | 1000 | Alençon | 51 | 100 |
| Chamonix | 28 | 50 | St. Martin | 51 | 3 |
| Clermont-Fd. | 28 | 1000 | Mortain | 52 | 10 |
| St. Raphael | 28 | 1000 | Paris-Sud | 52 | 3 |
| Nancy | 29 | 500 | Serres | 53 | 2 |
| Nantes | 29 | 1000 | Sarrebourg | 53 | 250 |
| Brive | 29 | 150 | Aurillac | 54 | 350 |
| St. Etienne | 30 | 10 | Morteau | 54 | 20 |
| Auxerre | 31 | 300 | Macon | 55 | 5 |
| Mende | 31 | 80 | Tarascon | 55 | 5 |
| Rouen | 33 | 500 | Strasbourg | 56 | 1000 |
| Le Creusot | 33 | 20 | Vannes | 56 | 500 |
| Boulogne | 34 | 100 | Abbeville | 57 | 250 |
| Bergerac | 34 | 250 | Bordeaux | 57 | 1000 |
| Metz | 34 | 1000 | LePuy | 57 | 100 |
| Porto-Vecchio | 34 | 25 | Laval | 57 | 100 |
| Vittel | 35 | 80 | Bayonne | 58 | 500 |
| Orleans | 39 | 100 | Carcassone | 58 | 1000 |
| Toulouse | 39 | 10 | Lyon | 58 | 10 |
| Paris Nord | 39 | 10 | Mantes | 58 | 80 |
| Dunkerque | 39 | 200 | Nice | 58 | 10 |
| Albertville | 39 | 5 | Privas | 58 | 50 |
| Lyon | 40 | 1000 | Montmelian | 58 | 3 |
| Argenton | 40 | 80 | Gueret | 58 | 80 |
| Besançon | 41 | 500 | Cherbourg | 59 | 100 |
| Maubeuge | 42 | 5 | Hyères | 59 | 35 |
| Le Havre | 43 | 100 | Tours | 59 | 200 |
| Pignans | 43 | 2 | Verdun | 59 | 500 |
| Angers | 44 | 20 | Villers -Cotterets | 59 | 80 |
| Utelle | 44 | 10 | Epinal | 60 | 100 |
| Millau | 44 | 20 | Corte | 61 | 100 |
| Rennes | 45 | 1000 | Champagnole | 61 | 80 |
| Avignon | 45 | 125 | Dijon | 62 | 1000 |
| Lesparre | 45 | 10 | Sens | 63 | 100 |
| Ussel | 45 | 50 | Aurillac | 65 | 500 |
| Paris Est | 46 | 5 | | | |
| Reims | 46 | 1000 | | | |

+ low powered relay sts not mentioned.
**D.Prgr:** 1100 (Sat 1000, Sun 0830)-2300.

## FRANCE REGIONS 3 (FR3)

**Addr:** Société Nationale FR3, 5 Ave. du Recteur-Poincaré, F-75782 Paris Cedex 16. **Te:** (1) 5242424.
**L.P:** Pres. & Dir. Gen: A. Holleaux.

| Location | chF | kW (ERP) | Location | chF | kW (ERP) |
|---|---|---|---|---|---|
| Le Mans | 21 | 1000 | Gex | 24 | 1000 |
| Troyes | 21 | 1000 | Brest | 24 | 1000 |
| Chamonix | 22 | 50 | Toulouse | 24 | 500 |
| Perpignan | 22 | 10 | Ajaccio | 24 | 500 |
| St. Raphael | 22 | 1000 | Forbach | 25 | 20 |
| Chamberry | 23 | 100 | Clermont-Fd. | 25 | 1000 |
| Ales | 24 | 100 | Niort | 25 | 1000 |
| Brest | 24 | 1000 | Besançon M. | 26 | 250 |
| Lille | 24 | 1000 | Brive | 26 | 150 |
| Gap | 24 | 8 | Nancy | 26 | 500 |
| Mulhouse | 24 | 1000 | Nantes | 26 | 1000 |

| Location | chF | kW (ERP) | Location | chF | kW (ERP) |
|---|---|---|---|---|---|
| Mezières | 26 | 500 | Limoges | 53 | 1000 |
| Marseille | 26 | 1000 | Grenoble | 53 | 50 |
| Rouen | 26 | 500 | Montpellier | 53 | 1000 |
| Paris | 28 | 700 | Cluses | 53 | 5 |
| Caen | 28 | 1000 | Chartres | 53 | 250 |
| Bourges | 29 | 1000 | Vannes | 53 | 500 |
| Le Creusot | 30 | 20 | Autun | 54 | 500 |
| Bergerac | 31 | 250 | Toulon | 54 | 100 |
| Metz | 31 | 1000 | Bar-le-Duc | 54 | 200 |
| Vittel | 32 | 80 | Alençon | 54 | 100 |
| St. Etienne | 33 | 10 | Neufchâtel | 54 | 80 |
| Auxerre | 34 | 300 | Corte | 54 | 100 |
| Mende | 34 | 80 | St. Martin de Belleville | 54 | 5 |
| Le Havre | 35 | 20 | Chaumont | 55 | 80 |
| Boulogne | 37 | 100 | Mortain | 55 | 10 |
| Porto Vecchio | 37 | 25 | St. Flour | 55 | 6 |
| Avignon | 39 | 300 | Parthenay | 55 | 80 |
| Ussel | 39 | 50 | Menton | 56 | 50 |
| Reims | 40 | 1000 | Paris Nord | 56 | 10 |
| Le Havre | 40 | 100 | Serres | 56 | 2 |
| Pignans | 40 | 2 | Niort | 58 | 310 |
| Paris Est | 43 | 5 | Abbeville | 60 | 250 |
| Utelle | 41 | 10 | Bordeaux | 60 | 1000 |
| Angers | 41 | 20 | Laval | 60 | 80 |
| Millau | 41 | 20 | LePuy | 60 | 100 |
| Toulouse | 42 | 10 | Sens | 60 | 100 |
| Rennes | 42 | 1000 | Carcassone | 61 | 1000 |
| Lesparre | 42 | 10 | Privas | 61 | 50 |
| Albertville | 42 | 5 | Nice | 61 | 10 |
| Strasbourg | 43 | 1000 | Bayonne | 61 | 500 |
| Marseille | 43 | 10 | Gueret | 61 | 80 |
| Lyon | 43 | 1000 | Mantes | 61 | 80 |
| Argenton | 43 | 80 | Montmelian | 61 | 3 |
| Paris Est | 43 | 5 | Aurillac | 62 | 500 |
| Amiens | 44 | 500 | Cherbourg | 62 | 100 |
| Besançon | 44 | 500 | Paris Sud | 62 | 3 |
| Longwy | 44 | 100 | Hyères | 62 | 35 |
| Dunkerque | 45 | 200 | Tours | 62 | 200 |
| Maubeuge | 45 | 5 | Verdun | 62 | 500 |
| Orleans | 45 | 100 | Villiers Cotterets | 62 | 80 |
| Toulouse | 47 | 600 | Epinal | 63 | 100 |
| Tarascon | 49 | 5 | Lyon | 64 | 10 |
| Macon | 49 | 5 | Champagnole | 64 | 80 |
| Sarrebourg | 50 | 250 | Dijon | 65 | 1000 |
| Hirson | 51 | 200 | | | |
| Wissembourg | 51 | 50 | | | |
| Morteau | 51 | 20 | | | |

**D.Prgr:** W 1600-2200, Sun 0800-1000, 1530-2300.
**SPECIAL NETWORK:** (used for teletext only).
Paris ch10 10kW, Paris Nord ch59, St. Etienne ch65, Lyon Fourvierre ch66.
**D.Prgr:** Mon-Fri 0800-1700.

### CANAL PLUS (Private)

**Addr:** 114 Avenue Charles de Gaulle, F-92200 Neuilly-sur-Seine.
**Te:** (1) 747.11.08.
**L.P:** Pres. & Dir. Gen: André Rousselet.
**Colour Network:** System L625 lines. UHF channels Pol = H; other channels Pol H exc. where indicated.

| Station | ch | kW (ERP) | | ch | kW (ERP) |
|---|---|---|---|---|---|
| Lille | 5 | ? | Lyon (M. Pilat) | 10 | ? |
| Marseille | 5 | ? | Saint Raphael | 10V | ? |
| Clermont-Ferrand | 5 | ? | Maubeuge | 29 | 3 |
| Gex | 5V | ? | Nice | 32 | 10 |
| Paris | 6 | ? | Paris East | 53 | 5 |
| Grenoble | 6 | ? | Paris South | 65 | 3 |
| Hyeres | 6 | ? | Lyon (Fourvière) | 66 | 10 |
| Toulon | 9 | ? | Menton | 68 | 50 |
| Montpellier (Town) | 9 | ? | | | |

**D.Prgrs:** W 0530-2300. Sat/Sun 24h.
Canal Plus is a subscription network. The signals are coded and subscribers need a decoder. From 1730-1830 the signal is not coded.
**ALF:** Frcs 346, - (colour Frcs 526, -).

**The French TV details were compiled with the assistance of our collaborators Thierry Vignaud and Roland Paget.**

## GERMANY

## (Federal Republic)

**TV-sets:** 22.127.118 (Colour sets not known) — **Colour:** PAL **Systems:** B & G.

### ARD (Arbeitsgemeinschaft der öffentlichrechtlichen Rundfunkanstalten der Bundesrepublik Deutschland)

**German Television Prgr.**
**Direction:** 8 München 2, Arnulfstrasse 42. **Te:** 59000.
**Telex:** (05)22480 fspd d.
**L.P:** Prgr. Dir. German Television: Dietrich Schwarzkopf. Coordinators: Martin Schulze (Current Affairs), Hans-Heinrich Isenbart (Sports), Dr. Richard Dill (International Relations). Press Dept: Margret Trapmann.
A common prgr. is being broadc. throughout Germany under the title "Deutsches Fernsehen". Each of the org's participates in the production of this prgr. In addition reg. broadc's are transmitted Mon-Fri 1700-1900. Sat 1630-1700 & 1800-1900.
All st's broadcast a third TV-prgr.
ARD/ZDF: 0900-1215

**National Television Prgr.** (Deutsches Fernsehen): Mon-Fri 1500-1700, 1900-closing; Sat 1245-1730, 1900-closing; Sun 0830-closing. (Closing times appr. 2300-2400).

**Third TV Prgr:** Bayerischer Rundfunk: Mon-Fri 1745-closing, Sat 1600-closing, Sun 1330-closing. Hessischer Rundfunk: Mon-Wed 1630-closing, Thurs-Fri 1700-closing, Sat-Sun 1500-closing. Norddeutscher Rundfunk/Radio Bremen/Sender Freies Berlin: Mon-Fri 1700-closing, Sat 1500-closing, Sun 1345-closing. Westdeutscher Rundfunk: Mon-Sat 1800-closing, Sun 1530-closing. Süddeutscher Rundfunk/Südwestfunk/Saarländischer Rundfunk; Mon-Sat 1800-closing, Sun 1500-closing. (Closing time approx. between 2100 and 2300, varying from day to day); all times without schools/educational prgrs. — **ALF:** DM 195,-.

### BAYERISCHER RUNDFUNK (Anstalt des öffentlichen Rechts)

**Addr:** Bayerischer Rundfunk, D-8000 München 2, Rundfunkplatz 1.
**Studios:** 8000 München-Freimann and 8048 Unterföhring.
**L.P:** Intendant: R. Vöth. Dir. TV: Dr. H. Oeller. Dir. Adm: O. Maier. Dir. Tec: F. Müller-Römer.

| Stations: | chE | kW (ERP) | | chE | kW (ERP) |
|---|---|---|---|---|---|
| Grünten(a) | 2 | 100H | Hohenpeissenberg(g) | 25 | 100H |
| Kreuzberg(b) | 3 | 100H | Bamberg | 52 | 25H |
| Ochsenkopf(c) | 4 | 100V | Hohe Linie(h) | 53 | 75H |
| Dillberg(d) | 6 | 100H | Hoher Bogen(i) | 55 | 200H |
| Brotjacklriegel(e) | 7 | 100H | Büttelberg(j) | 55 | 400H |
| Wendelstein(f) | 10 | 100H | Pfaffenberg(k) | 59 | 100H |
| Würzburg | 10 | 5H | Hühnerberg(l) | 60 | 400H |

+ 205 low power relay st's.
a) Hindelang — b) Bad Neustadt — c) Bayreuth — d) Neumarkt — e) Deggendorf — f) Bay. Zell — g) Peissenberg — h) Regensburg — i) Cham — j) Windsheim — k) Aschaffenburg — l) Donauwörth.
**Test tr's:** 0900-1500, Sat 0800-1500.
**Third Prgr: (Pol. H):** W 1600-2230.

| Stations | chE | kW (ERP) | | chE | kW (ERP) |
|---|---|---|---|---|---|
| Deggendorf | 40 | 270 | Hohenpeissenberg(g) | 53 | 350 |
| Coburg | 41 | 190 | Bayreuth | 54 | 96 |
| Pfaffenhofen | 41 | 420 | Schnaitsee (q) | 54 | 280 |
| Regensburg | 42 | 400 | Bamberg | 56 | 90 |
| Amberg | 43 | 320 | München | 56 | 200 |
| Augsburg | 44 | 430 | Hof | 57 | 500 |
| Würzburg | 45 | 360 | Pfarrkirchen (r) | 57 | 250 |
| Grünten (a) | 46 | 470 | Landshut | 58 | 55 |
| Hesselberg (m) | 47 | 200 | Hoher Bogen (i) | 59 | 200 |
| Rhön (n) | 49 | 270 | Nürnberg (Schwabach) | 59 | 492 |
| Spessart (o) | 51 | 250 | Passau | 60 | 34 |
| Högl (p) | 52 | 40 | | | |

+ 364 low power repeaters.
m) Gunzenhausen — n) Bad Neustadt — o) Lohr — p) Freilassing — q) Wasserburg — r) Niederbayern.

**PUB:** "Pressedienst-Studioprogram" (weekly).
**FI:** By license payments.

## HESSISCHER RUNDFUNK (Anstalt des öffentlichen Rechts)

**Addr:** 6000 Frankfurt (Main) 1, Postfach 101001, Bertramstrasse 8 — **L.P:** Intendant: W. Lehr. Dir. Prgr (TV): H. Glänzel. Chief Editor, Pol. and Dr. M. Buchwald. Play: Dr. H. Prescher. Prod: G. Meyer. Education: Dr. H. Bressler. Entertainment: H. Schölling. Culture: K. Zimmermann.

| Stations | chE | kW (ERP) | Pol | | chE | kW (ERP) | Pol |
|---|---|---|---|---|---|---|---|
| Biedenkopf(a) | 2 | 100/5 | Hd | Fulda | 47 | 10/0.5 | Hd |
| Hardberg(b) | 5 | 10/0.5 | Hd | Habichtswald | 56 | 50/2.5 | H |
| Hoher | | | | Würzberg | 56 | 100/5 | Hd |
| Meissner(c) | 7 | 100/5 | H | Rimberg(e) | 57 | 400/20 | H |
| Gr. Feldberg/ | | | | | | | |
| Ts.(d) | 8 | 100/5 | H | | | | |

+ 148 low power relay sts.
**D.Prgr:** Mon-Thurs 1515-2200, Fri 1450-2300, Sat 1400-2300, Sun 0945-2200 (times are approx.) — **Ad:** W 1700-1820.

**Third Prgr:** "Hessen Drei" D 1700-2300 over the following tr's of "Deutsche Bundespost".

| Location | chE | kW(ERP) | | chE | kW(ERP) |
|---|---|---|---|---|---|
| Rimberg | 39 | 332 | Angelburg(h) | 52 | 500 |
| Habichtswald | 41 | 100 | Gr. Feldberg/ | | |
| Kassel | 42 | 200 | Ts.(d) | 54 | 500 |
| Krehberg(f) | 43 | 100 | Hoher | | |
| Hohes Lohr(g) | 45 | 30 | Meissner(e) | 55 | 462 |

+ 211 low power repeaters.
a) Marburg — b) Weinheim — c) Eschwege — d) Bad Homburg — e) Bad Hersfeld — f) Weinheim — g) Bad Wildungen — h) Wetzlar.

## NDR-TELEVISION

**Addr & L.P.:** See radio.
**First Prgr:**

| Stations | ch | kW | Pol | | ch | kW | Pol |
|---|---|---|---|---|---|---|---|
| Flensburg | 4 | 50 | H | Dannenberg | 43 | 250 | H |
| Kiel | 5 | 12 | H | Stadthagen | 47 | 100 | H |
| Visselhoevede | 7 | 20 | V | Bungsberg | 50 | 260 | H |
| Hannover | 8 | 5 | H | Osnabrück | 50 | 250 | H |
| Hamburg | 9 | 100 | H | Cuxhaven | 51 | 250 | H |
| Heide | 10 | 25 | V | Aurich | 53 | 250 | H |
| Neumünster | 28 | 500 | H | Mölln | 53 | 20 | H |
| Lingen | 41 | 400 | H | Steinkimmen | 55 | 400 | H |
| Sylt | 41 | 8 | H | Hamburg | 56 | 500 | H |

+ 117 low power st's.
**D.Prgrs:** Test tr's: Mon-Thurs 0800-0825; Fri 1215-1510; Sat 0800-0900, 1215-1240; Prgrs: W 0900-1215, 1510-1700, 1900-2300; Sun 0830-2300.
**Reg. Prgrs:** W 1700-1900.
**Third Prgr:** 1700 (Sat 1430, Sun 1345)-2200. Common prgr. of Norddeutscher Rundfunk, Radio Bremen and Sender Freies Berlin.
School Television 0705-1700 (Mon-Fri), common prgr. of NDR and R. Bremen.

| Stations | ch | kW | Pol | | ch | kW | Pol |
|---|---|---|---|---|---|---|---|
| Lübeck | 33 | 240 | H | Torthaus | 53 | 500 | H |
| Hamburg | 40 | 500 | H | Minden | 54 | 20 | H |
| Cloppenburg | 40 | 47 | H | Kiel | 55 | 200 | H |
| Ostfriesland/ | | | | Osnabrück | 56 | 138 | H |
| Aurich | 43 | 210 | H | Flensburg | 57 | 250 | H |
| Eiderstedt | 44 | 380 | H | Uelzen | 58 | 400 | H |
| Hannover | 44 | 500 | H | Gottingen | 59 | 250 | H |
| Höhbeck | 45 | 440 | H | Lingen | 59 | 400 | H |
| Schleswig | 45 | 100 | H | Niebüll | 60 | 150 | H |
| Eutin/ | | | | Verden | 60 | 58 | H |
| Cuxhaven | 48 | 330 | H | Bungsberg | 47 | 235 | H |

+ 127 low power repeaters.

## RADIO BREMEN (Anstalt des öffentlichen Rechts)

**Addr:** Heinrich Hertz Str. 13, D-2800 Bremen 33. **Te:** (4221)-2460.
**L.P:** Dir. Gen: Gerhard Schröder.
**Stations:** Bremen chE22 250/12kW, Bremerhaven chE5 2/0.1kW V — **D.Prgr:** W 1330-1630 (Sat), 1515-1700 (Mon-Fri), 1700-1800 (Sat), 1900-2330 (approx.); Sun: 0930-2230 (approx.)
**Reg.Prgr:** W 1700-1900; Sat 1630-1700, 1800-1900.
**Special Prgr:** Mon-Fri 0705-1200, 1530-1700.
**Third Prgr:** Bremen chE42 500/25kW H:1700 (Sat/Sun 1515)-2100.
**FI:** By licence payments — **Ad:** (W only): max 20 min.

## SAARLÄNDISCHER RUNKFUNK-FERNSEHEN

**Addr:** 66 Saarbrücken, Postfach 1050.
**L.P:** Intendant. Prof. Dr. Hubert Rohde. Dir: Dieter Ibach. Chief Editor: Otto Klinkhammer.
**Station: 1st Prgr:** Göttelborner Höhe ch2 100/20kW H + 34 low power relay stations.
**D.Prgr:** D 1630-2300.
**Südwest 3:** Saarbrücken ch42 430/20kW H + 55 low power relay stations.
**D.Prgr:** 1700-2200.

## SENDER FREIES BERLIN

**Addr:** Fernsehen, Masurenalle, 8/14, Berlin 19. **Te:** 3081.
**Telex:** 182813. **Cable:** Sender Freies Berlin.
**L.P:** Dep. Dir. of Prgrs: P. Schultze.
**Stations:** Berlin chE7 100/10kW H. **D.Prgr:** Mon-Fri: 0900-1215, 1500-1700, 1900-2300; Sat 0900-1630, 1700-1800, 1900-2300; Sun 0830-2300.
**Reg. Prgrs:** Mon-Fri 1230-1300, 1700-1900; (Mon-Thurs also 0825-0855); Sat 0800-0845, 1630-1700, 1800-1900.
**Third Prgr (NDR/RB/SFB):** Station: Berlin ch39 500/50kW H. **D.Prgr:** 1700 (Sat 1530, Sun 1600)-2230 — **FI:** By licence payments.

## SÜDDEUTSCHER RUNDFUNK FERNSEHEN (Anstalt des öffentlichen Rechts)

**Addr.** and **L.P:** See radio

| Stations | ch | kW (ERP) | Stations | ch | kW (ERP) |
|---|---|---|---|---|---|
| Heidelberg I | 7 | 100/10V | Langenbrand | 21 | 100/10H |
| Aalen | 8 | 50/5V | Bad Mergenth | 48 | 100/10H |
| Waldenburg | 9 | 100/10H | Heilbronn | 49 | 10/1H |
| Stuttgart | 11 | 100/10H | Heidelberg II | 50 | 500/50H |

+ 182 low power relay sts.
**D.Prgr:** W 1500-1700 (Sat 1300-1730), 1900-2300 (approx); Sun 0900-2200 (approx).
**Reg. Prgrs:** Mon-Fri 1700-1900; Sat 1630-1700, 1800-1900 **"Sudwest 3"** (common prgr. of Saarlandischer Rundfunk, Suddeutscher Rundfunk and Sudwestfunk): 1800-2130 (approx) — Mon-Fri 0720-0935 and 1625-1800 (School prgrs. and educational); Sat 1530-1800 and Sun 0800-0945 and 1500-1800 (courses).

| Stns. (Pol H) | ch | kW (ERP) | Stns. (Pol H) | ch | kW (ERP) |
|---|---|---|---|---|---|
| Stuttgart | 39 | 234 | Saarbrücken | 42 | 430 |
| Ravensburg | 40 | 400 | B. Marienberg(e) | 44 | 138 |
| Schnee-Eifel(a) | 40 | 182 | Kaiserslautern | 44 | 25 |
| Baden-Baden | 41 | 300 | Brandenkopf(f) | 45 | 15 |
| Boppard | 41 | 120 | Trier | 48 | 50 |
| Langenberg | 42 | 185 | Koblenz | 51 | 85 |
| Heubach(b) | 52 | 135 | Ahrweiler | 56 | 210 |
| Hochrhein(c) | 52 | 235 | Donau- | | |
| Heidelberg | 53 | 492 | eschingen | 57 | 33 |
| Teufelskopf(d) | 53 | 50 | Eberbach(g) | 58 | 195 |
| Ulm | 54 | 330 | Freiburg | 58 | 316 |
| Haardtkopf(d) | 55 | 400 | Pforzheim | 59 | 250 |
| Rottweil | 55 | 300 | Donnersberg(h) | 60 | 330 |

a) Prüm — b) Schwäb. Gmünd — c) Lörrach — d) Trier — e) Rennerod — f) Lahr — g) Neckar — h) Kaiserslautern.

## SÜDWESTFUNK (Anstalt des Öffentlichen Rechts)

**Addr:** Südwestfunk Fernsehen, 7570 Baden-Baden, Hans Bredow-Str. **Te:** 2761. **Cable:** Südwestfunk, Baden-Baden.
**L.P:** See radio.
**Stations:** Pol: H.

| 1st Prgr: | ch | kW (ERP) | | ch | kW (ERP) |
|---|---|---|---|---|---|
| Raichberg(a) | 4 | 100 | Hornisgrinde(d) | 9 | 80 |
| Trier | 5 | 0.6 | Donnersberg(e) | 10 | 100 |
| Koblenz | 6 | 50 | Mainz | 11 | 1 |
| Weinbiet(b) | 6 | 30 | Waldshut | 21 | 1 |
| Freiburg I | 7 | 0.9 | Eggberg(f) | 22 | 0.8 |
| Feldberg(c) | 8 | 100 | Eifel(g) | 23 | 20 |

| | ch | kW (ERP) | | ch | kW (ERP) |
|---|---|---|---|---|---|
| Hohe Derst(h) | 23 | 1 | Bad Marienberg | 47 | 50 |
| Haardtkopf | 25 | 400 | Brandenkopf(l) | 48 | 2.5 |
| Saarburg(i) | 29 | 20 | Freiburg/ | | |
| Wannenberg(j) | 30 | 5 | Schönberg(m) | 51 | 2 |
| Grünten(k) | 43 | 500 | Hohe Möhr(n) | 55 | 4 |

+ 466 low power repeaters.
a) Ebingen — b + e) Kaiserslautern — c) Freiburg — d) Achern — f) Säckingen — g) Adenau — h) Karlsruhe — i) Trier — j) Tiengen — k) Oberstdorf — l) Lahr — m) Prüm — n) Müllheim.
**D.Prgr:** Variable.

| 3rd Prgr | ch | kW (ERP) | | ch | kW (ERP) |
|---|---|---|---|---|---|
| Schnee-Eifel | 40 | 182 | Hochrhein | 52 | 235 |
| Ravensburg | 40 | 500 | Teufelskopf | 53 | 50 |
| Baden-Baden | 41 | 290 | Haardtkopf | 55 | 400 |
| Boppard | 41 | 120 | Rottweil | 55 | 330 |
| Kaiserslautern | 44 | 25 | Ahrweiler | 56 | 250 |
| Bad Marienberg | 44 | 165 | Donaueschingen | 57 | 100 |
| Brandenkopf | 45 | 50 | Freiburg | 58 | 500 |
| Trier | 48 | 22 | Donnersberg | 60 | 330 |
| Koblenz | 51 | 85 | | | |

**D.Prgr:** Not available.

## WDR FERNSEHEN

**Addr:** Appellhofplatz 1, 5 Köln 1. **Te:** 2201. **Cable:** WDR.
**L.P:** Dir. TV: Heinz Werner Hübner. Dir. of Prod: H. Töldte.
**First Prgr:** Pol: H.

| Stations | chE | kW (ERP) | Stations | chE | kW (ERP) |
|---|---|---|---|---|---|
| Wuppertal | 6 | 0.6/0.6 | Nordhelle(b) | 30 | 240/24 |
| Langenberg | 9 | 100/10 | Münster | 32 | 500/50 |
| Köln | 11 | 10/1 | Bonn | 43 | 100 |
| Teutob. Wald(a) | 11 | 100/10 | Kleve | 46 | 100/10 |
| Aachen-Stolb. | 24 | 200/20 | Ederkopf (d) | 50 | 50/5 |

**D.Prgrs: Reg. Prgrs:** Mon-Fri 1700-1900, Sat 1800-1900.
**Common Prgr:** W 0900-1215, 1510-1700 (Sat 1235-1800), 1900-2300.
**Third Prgr:** Mon-Fri 1600-2245, Sat 1530-2300, Sun 1500-2230.

| Stations | chE | kW (ERP) | Stations | chE | kW (ERP) |
|---|---|---|---|---|---|
| Hochsauer-land(d) | 40 | 250/25 | Bonn | 49 | 85/8.5 |
| Wuppertal | 42 | 85/7.5 | Monschau | 50 | 280/28 |
| Münster Baumb. | 45 | 250/25 | Dortmund | 53 | 470/47 |
| Bielefeld | 46 | 450/45 | Düsseldorf-Witzh. | 55 | 450/45 |
| Eggegebirge(e) | 48 | 250/25 | Minden | 57 | 200/20 |
| Wesel | 48 | 475/47 | Aachen | 58 | 450/45 |
| | | | Lüdenscheid | 60 | 250/25 |

a) Detmold — b) Herscheid — d) Siegen — e) Bödefeld.

## ZWEITES DEUTCHES FERNSEHEN (Anstalt des öffentlichen Rechts)

(All prgrs, are broadc. simultaneously on the stations listed below and originated at the main studios at Mainz.)
**Addr:** 6500 Mainz, Postfach 4040. **Te:** 0049 (6131-701).
**Telex:** 04-187661.
**L.P:** Dir. Gen: Prof. Dieter Stolte. Dir. Inf: R. Appel. Dir. Adm: R. Solch. Dir. Tec: Dr. Albrecht Ziemer. Head, International Affairs: Hans Kimmel. Film Buyer: H. Blank. Chief of Press Dept: Dr. Fritz Hufen. Purchaser of TV-productions: O.R. Beger.

**Main transmitters** (System G/PAL)
**Stations: chE Pol: H**

| | ch | kW (ERP) | | ch | kW (ERP) |
|---|---|---|---|---|---|
| Eutin* | 21 | 235/20 | Rhön* | 29 | 350/20 |
| Göttingen* | 21 | 160/10 | Bayreuth | 30 | 98/2 |
| Höhbeck* | 21 | 300/20 | Eberbach | 30 | 215/10 |
| Bad Marienberg* | 21 | 190/10 | Hamburg* | 30 | 500/20 |
| Monschau | 21 | 220/10 | Passau | 30 | 41/2 |
| Münster* | 21 | 170/10 | Schnee-Eifel | 30 | 195/10 |
| Regensburg* | 21 | 370/20 | Baden-Baden* | 31 | 220/20 |
| Coburg* | 22 | 190/10 | Eggebirge | 31 | 170/10 |
| Donau-eschingen* | 22 | 100/2 | Eiderstedt* | 31 | 300/10 |
| Hohes Lohr | 22 | 34/2 | Koblenz | 31 | 85/2 |
| Hohenpeissenbg.* | 22 | 350/20 | Plaffenhofen | 31 | 480/20 |
| | | | Bremen* | 32 | 500/20 |

| Stations | chE | kW (ERP) | Stations | chE | kW (ERP) |
|---|---|---|---|---|---|
| Kaiserslautern | 22 | 25/2 | Hesselberg | 32 | 140/10 |
| Wuppertal | 22 | 100/2 | Hoher Meissner | 32 | 390/20 |
| Trier | 22 | 41/2 | Ahrweiler | 33 | 170/10 |
| Augsburg* | 23 | 310/20 | Berlin* | 33 | 430/20 |
| Hof* | 23 | 500/20 | Bielefeld* | 33 | 310/20 |
| Lübeck* | 23 | 240/10 | Deggendorf* | 33 | 380/10 |
| Torfhaus* | 23 | 500/20 | Freiburg | 33 | 500/20 |
| Angelburg | 24 | 500/20 | Krehberg | 33 | 100/10 |
| Bamberg | 24 | 85/2 | Ostfriesland | 33 | 220/20 |
| Cuxhaven | 24 | 500/10 | Ulm | 33 | 380/10 |
| Hannover* | 24 | 500/20 | Feldberg/Ts.* | 34 | 500/20 |
| Lingen | 24 | 500/20 | Niebüll* | 34 | 200/2 |
| Dortmund* | 25 | 500/20 | Nürnberg | 34 | 400/20 |
| Rimberg* | 25 | 400/20 | Pforzheim* | 34 | 170/10 |
| Verden | 25 | 66/2 | Haardtkopf* | 35 | 400/20 |
| Würzburg* | 25 | 410/20 | Kiel* | 35 | 250/10 |
| Bonn* | 26 | 81/2 | München* | 35 | 250/20 |
| Minden | 26 | 300/20 | Rottweil* | 35 | 260/10 |
| Schleswig | 26 | 100/2 | Spessart* | 35 | 230/10 |
| Schnaitsee | 26 | 360/20 | Buderich | 35 | 490/20 |
| Stuttgart* | 26 | 404/20 | Aachen* | 37 | 360/10 |
| Heidelberg* | 27 | 440/20 | Amberg | 37 | 280/20 |
| Hochsauerland | 27 | 250/10 | Cloppenburg | 37 | 47/2 |
| Pfarrkirchen* | 27 | 250/10 | Donnersberg* | 37 | 250/20 |
| Uelzen* | 27 | 500/20 | Lüdenscheid | 37 | 190/10 |
| Boppard | 28 | 160/10 | Ravensburg | 37 | 270/20 |
| Brandenkopf | 28 | 25/2 | Flensburg | 39 | 160/10 |
| Grünten* | 28 | 470/20 | Hochrhein | 39 | 225/10 |
| Habichtswald* | 28 | 100/10 | Landshut* | 39 | 27/2 |
| Hoher Bogen | 28 | 200/10 | Osnabrück | 39 | 250/10 |
| Langenburg | 28 | 200/10 | Högl | 42 | 40/2 |
| Düsseldorf* | 29 | 500/20 | Saarbrücken* | 45 | 500/20 |
| Heubach | 29 | 160/10 | Teufelskopf | 46 | 50/2 |

+ 2000 low power rebroadcast transmitters.
**D.Prgr:** Mon-Fri 0900-1215, 1500-2300; Sat/Sun 0900-2330 (during summertime 1h earlier). Closing times are approx — **Fl:** by license payments.
**Colour TV:** 83 hrs per week.
*) Tr's broadcasting two-channel sound.
**ALF:** DM 16.25 per month. Covering **all** German radio & TV license payments (internal splitting between ARD and ZDF).

## AMERICAN FORCES TELEVISION, Germany

**Addr:** Headquarters AFN Europe, Bertramstr. 6, D-6000 Frankfurt/Main (or APO New York, NY 09757, U.S.A.). **Te:** (0611)-1516101.
**Stations** (System M): NTSC colour.

| Location | ch | kW | Pol | | ch | kW | Pol |
|---|---|---|---|---|---|---|---|
| Wiesbaden AB | 22 | 1 | H | Karlsruhe | 39 | 0.1 | H |
| Bitburg | 27 | 8 | H | Ulm | 42 | 0.1 | H |
| Berlin | 29 | 1 | | Mannheim | 56 | 0.15 | V |
| Kaiserslautern | 30 | 1 | H | Bitburg | 57 | 0.2 | H |

+ many low power st's less than 0.1 kW.

## BRITISH FORCES BROADCASTING SERVICE

**Addr. & L.P:** See radio.
**Stations:** UHF 625 lines, Colour, System I: Audio powers 1/10 of vision powers indicated.

| Location | ch | kW | Pol | Location | ch | kW | Pol |
|---|---|---|---|---|---|---|---|
| Münster | 23 | 0.8 | H | Hameln | 44 | 0.1 | V |
| Lemgo | 37 | 0.15 | V | Osnabrück | 48 | 0.9 | H |
| Hannover | 40 | 0.4 | V | Paderborn | 49 | 0.2 | H |
| Bielefeld | 41 | 0.1 | V | Celle | 51 | 0.1 | V |
| Hildesheim | 41 | 0.2 | V | Nieder-kruchten | 53 | 1 | H |
| Mülheim | 41 | 0.1 | H | Hamm | 55 | 0.1 | V |
| Berlin Westend | 41 | 0.2 | V | Wolfenbüttel | 56 | 0.14 | V |
| Minden | 41 | 0.4 | H | Mönchenglad-bach Hehn | 59 | 0.1 | H |
| Enger | 42 | 0.1 | V | | | | |
| Gütersloh | 44 | 0.4 | V | | | | |

+ low power relay sts less than 100W not mentioned.
**D.Prgr. in English:** Special service intended solely for H.M. Forces.

## BELGIAN FORCES TELEVISION

**Stations:** Bensberg & Titz ch39 0.6kW H (relay BRT); Arolsen ch9 0.5kW H, Bensberg ch51 0.6kW H (relay RTBF). Low power st's less than 0.1kW not mentioned.

### CFN/RFC-TV

**Addr:** 9 Jammstrasse, D-7630 Lahr. **Te:** (07821)-209892.
**L.P:** Dir: Pierre Larose. Studio Mgr: Jean A. Delisle.
**Station:** Lahr ch60 0.06kW V, ch38 0.06kW.
**D.Prgrs:** English (ch60) 1515-2215, French (ch38) 1500-2200 using NTSC colour (System M).

### FRENCH FORCES TELEVISION

**Addr. & L.P:** See radio.
**Station:** Berlin ch31 17.8kW.
**D.Prgrs:** relays of French TV networks.

## GERMAN DEMOCRATIC REPUBLIC

**TV-sets:** 5.970.000 (incl. 2.066.070 colour sets).
**Colour:** SECAM — **System:** B & G.

### FERNSEHEN DER DDR (Gov.)

**Addr:** Staatliches Kommittee für Fernsehen beim Ministerrat der DDR, 1199 Berlin-Adlershof. **Te:** 6310. **Telex:** 0112885.
**Cable:** DDR-Fernsehen.
**L.P:** Dir. of Int. Rel: Dr. Kurt Ottelsberg.
**Stations: 1st Prgr** (System B&G):

| Location | ch | kW (ERP) | Pol | | ch | kW (ERP) | Pol |
|---|---|---|---|---|---|---|---|
| Cottbus | 4 | 100/10 | H | Dresden | 10 | 100/10 | V |
| Berlin | 5 | 100/10 | H | Schwerin | 11 | 100/10 | H |
| Inselsberg | 5 | 100/10 | H | Dequede | 12 | 5/0.5 | V |
| Brocken | 6 | 100/10 | H | Sonneberg | 12 | 30/3 | H |
| Karl-Marx-Stadt | 8 | 100/10 | H | Löbau | 27 | 500/50 | H |
| Marlow | 8 | 100/10 | H | Helpterberg | 37 | 500/50 | H |
| Leipzig | 9 | 100/10 | V | | | | |

**D. Prgr:** Mon-Fri 0655-1200, 1415-2200; Sat 0800-2300; Sun 0750-2200.
**2nd Prgr** (System B&G):

| Location | ch | kW (ERP) | Pol | | ch | kW (ERP) | Pol |
|---|---|---|---|---|---|---|---|
| Leipzig | 22 | 1000/100 | H | Inselsberg | 31 | 1000/100 | H |
| Helpterberg | 22 | 1000/100 | H | Karl-Marx-Stadt | 32 | 1000/100 | H |
| Marlow | 24 | 1000/100 | V | | | | |
| Berlin | 27 | 1000/100 | H | Sonneberg | 33 | 500/50 | H |
| Dresden | 29 | 1000/100 | H | Brocken | 34 | 1000/100 | H |
| Schwerin | 29 | 1000/100 | H | Löbau | 39 | 500/50 | H |
| Dequede | 31 | 1000/100 | H | | | | |

+ 550 low power relay st's.
**D. Prgr:** Mon-Fri 0655-1300, 1500-2230; Sat 1320-2230; Sun 1425-2200.
**ALF:** M 84,- (radio + TVI), M 120,- (radio + TVI&II).

### SOVIET TELEVISION RELAY

| Stations | ch | | ch |
|---|---|---|---|
| Frankfurt/O. | 6 | Neuruppin | 12 |
| Wittenberge | 7V | Magdeburg | 12 |
| Cottbus | 8 | Wünsdorf | 21 |
| Ludwigslust | 8 | Karl-Marx-Stadt | 27 |
| Nauen | 10 | Rochlitz | 28 |
| Premnitz | 11 | Dresden | 32 |
| Rosslau | 11 | Erfurt | 39 |
| Bad Düben | 12 | | |

**D.Prgr:** Relays of TSS-1 prgr. via satellite from Moscow.

## GIBRALTAR

**TV-sets:** 7.100 (incl. 7.000 colour sets) — **Colour:** PAL.
**System:** B.

### GBC TELEVISION (Comm.)

**Addr:** Broadcasting House, 18 So. Barrack Rd, Gibraltar.
**Te:** 70761. **Cable:** Broadcasts
**L.P:** Film Buyer & Head of Prod: G.J. Valarino.
**Station:** chE6 0.2/0.4kW H (+ low power repeaters ch12 & 60).
**D.Prgr:** 1100-1300, 1500-2300 — **ALF:** £ 30, - (combined radio & colour TV license).

## GREECE

**TV-sets:** 1.710.000 — **Colour:** SECAM — **Systems:** B & G.

### ELLINIKI RADIOPHONIA TILEORASSI (ERT-Gov.)

**Addr:** See radio — **L.P:** Dir. TV: Nikos Alevas. For other personnel, see radio.
**Stations** (System B):

| | ch | kW | Pol | | ch | kW | Pol |
|---|---|---|---|---|---|---|---|
| Thessaloniki | 5 | 30/6 | H | Korinth | 9 | 10/2 | H |
| Volos | 6 | 30/6 | H | Kerkyra | 9 | 10/2 | V |
| Alexandroupolis | 6 | 30/6 | H | Rhodes Isl. | 9 | 10/2 | V |
| Kalamata | 6 | 10/2 | H | Mytilini Isl. | 9 | 10/2 | H |
| Chania | 7 | 10/2 | H | Tripolis | 10 | 30/6 | H |
| Kavala | 7 | 30/6 | H | Heraklion | 10 | 10/2 | H |
| Kastoria | 7 | 30/6 | V | Joannina | 10 | 10/2 | H |
| Kefalinia Isl. | 8 | 30/6 | V | Athens | 11 | 30/6 | H |
| Thira Isl. | 8 | 30/6 | V | Hymittos | 21 | 15/3 | H |

+ 216 low power repeaters.
**D.Prgr:** W 1200-1315, 1630-2220; Sat 1200-2215; Sun 1100-2200.

### ERT-2-TV

**Addr:** Tileorassis ERT-2, 136 Messogion Str, Athens. **Te:** 7779153.
**Stations** (System B & G):

| Location | ch | kW/Pol | | Location | ch | kW/Pol |
|---|---|---|---|---|---|---|
| Athens I | 5 | 30/V | | Corfu | 50 | 450/H |
| Athens II | 34 | 300/H | | Lesvos | 48 | 190/H |
| Akarnanika | 43 | 1000/H | | Lefkimi | 27 | 166/H |
| Vitsi | 49 | 250/H | | Manoliassa | 25 | 250/H |
| Doliana | 42 | 500/H | | Paggaio | 59 | 650/H |
| Thassos | 23 | 1000/H | | Pilio | 41 | 750/H |
| Thessaloniki | 30 | 1000/H | | Rhodes | 42 | 480/H |
| Thiva | 29 | 500/H | | Kefallonia | 57 | 450/H |

+ 120 low power relay stations.
**D.Prgr:** 1500-2300.

## HUNGARY

**TV-sets:** 2.845.000 (incl. 350.000 colour sets) — **Colour:** SECAM
**Systems:** D & K.

### MAGYAR TELEVIZIO

**Addr:** 1810 Budapest V, Szabadsagter 17. **Te:** 113-200.
**Telex:** 225568 — **L.P:** Pres: Richard Nagy. Vice-Pres: Károly Megyeri, Miklośs Szinetar. Dir. Tec: Robert Kerpel. Dir. Adm: Dr. Josef Horváth. Head, For. Rel: Annamaria Berecz.
**Stations** (Prgr. I System D):

| Prgr. I | ch | kW (ERP) | Pol | | ch | kW (ERP) | Pol |
|---|---|---|---|---|---|---|---|
| Budapest | R1 | 150/50 | H | Kékes | R8 | 30/7.5 | H |
| Nagykanizca | R1 | 50/5 | V | Sopron | R9 | 5/1 | V |
| Pécs | R2 | 1.5/0.4 | V | Miskolc | R9 | 5/1 | H |
| Tokaj | R4 | 80/20 | H | Szentes | R10 | 200/20 | V |
| Komádi | R7 | 30/3 | V | Kabhegy | R12 | 150/15 | H |
| Csavoly | R7 | 9/0.9 | V | | | | |

+ 58 low power relay st's.

| Prgr.II (System K) | ch | kW (ERP) | Pol | | ch | kW (ERP) | Pol |
|---|---|---|---|---|---|---|---|
| Kabhegy 2 | 22 | 760/76 | H | Csávoly | 28 | 80/8 | H |
| Szentes | 23 | 480/48 | H | Pécs | 32 | 400/40 | H |
| Budapest 2 | 24 | 1000/100 | H | Györ | 35 | 22/2.2 | H |
| | | | | Kekes | 36 | 880/88 | H |
| Tokaj 2 | 26 | 420/42 | H | | | | |

**D. Prgr:** Prgr. I: W 0700-1030, 1500-2200 (or 2300); Sun 0715-2200; Prgr. II: 1900-2200 (Sat 1630-2130) (times are approx.)
**ALF:** 720,- Forint.

### SOVIET TELEVISION RELAY

| Stations | ch | kW | | ch | kW |
|---|---|---|---|---|---|
| Györ | 5 | — | Budapest | 11 | 2 |
| Székesfehérvár | 8 | — | Szombathely | 11 | 1 |
| Pápa | 9 | 5 | Fertöd | 12 | — |
| Veszprém | 10 | — | | | |

**D.Prgr:** relays of TSS-1 prgr. via satellite from Moscow.

## ICELAND

**TV-sets:** 71.560 (incl. 56.025 colour sets) — **Colour:** PAL.
**System:** B.

### RIKISUTVARPID — SJÖNVARP
### ICELAND BROADCAST SERVICE-TELEVISION

**Addr:** Laugavegur 176, Reykjavik. **Te:** 3-88-00. **Telex:** 2035.
**Cable:** Isvision.
**L.P:** Dir. Gen: A. Björnsson. Dir. TV: P. Gudfinsson. Dir. Tec: E. Valdimarsson. Head of N. and Educ: E. Björnsson. Head of Arts and Entertainment: H. Bjarnason.
**Stations:** Pol H; Audio power 10% of visual power indicated.

| Location | chE | kW(ERP) | Location | chE | kW(ERP) |
|---|---|---|---|---|---|
| Stykkishólmur | 3 | 90 | Háfell | 7 | 300 |
| Skalafell | 4 | 300 | Hegranes | 8 | 12 |
| Gagneheidi | 4 | 80 | Blönduós | 9 | 20 |
| Vestmannaeyjar | 5 | 30 | Reykjavik | 10 | 4 |
| Vadlaheidi | 6 | 490 | | | |

+ 121 low power relay st's.
**D.Prgr:** Mon-Fri 1935-2300, Sat 1530-2400, Sun 1800-2300. Carries Norwegian Television (NRK) via satellite before own prgr. starts.
**ALF:** ICr. 3.036,- (Monochrome). ICr. 3.828,- (Colour).

## IRELAND

**TV-sets:** 721.146 (incl. 476.653 colour sets) — **Colour:** PAL — **Systems:** I & A.

### RADIO TELEFIS EIREANN
### (Statutory Corporation)

**Addr:** Donnybrook, Dublin 4. **Te:** (01)693111. **Telex:** 5268.
**L.P:** Contr. of TV Prgrs: Dick Hill. Contr. RTE 1: M. Mac Conghail. Kelleher. Contr. RTE 2: T. Dolan.

**Stations:** (Audio powers 1/5 of vision powers).
**RTE I**

| System I | ch | kW | Pol | | ch | kW | Pol |
|---|---|---|---|---|---|---|---|
| Kippure | H | 100 | H | Holy Well Hill | 23 | 10 | H* |
| Maghera | B | 100 | H | Dublin | 29 | 10 | H |
| Mt. Leinster | F | 100 | V | Cairnhill | 40 | 800 | H |
| Mullaghanish | D | 100 | V | Clermount | | | |
| Truskmore | 1 | 100 | V | Cairn | 52 | 300 | V* |

+ 21 low power relay sts. *) due to open.

**RTE II:** System I

| Station | ch | kW | Pol | Station | ch | kW | Pol |
|---|---|---|---|---|---|---|---|
| Truskmore | G | 100 | H | Holy Well Hill | 26 | 10 | H |
| Mullaghanish | G | 100 | V | Dublin | 33 | 10 | H |
| Maghere | H | 100 | H | Cairnhill | 43 | 800 | H |
| Mt. Leinster | 1 | 100 | V | Clermount | | | |
| | | | | Cairn | 56 | 300 | V |

+ 19 low power relay st's (incl. st's planned).
**ALF:** IR£ 34.00 (black/white); IR£ 52.00 (colour).

## ITALY

**TV-sets:** 13.831.260 (licenses) (incl. 5.469.377 colour licenses) — **Colour:** PAL — **Systems:** B & G.

### RADIOTELEVISIONE ITALIANA

The television service is an integral part of the Radiotelevisione Italiana.
**Addr:** Direzione Centrale TV, Viale Mazzini 14, 00195 Roma.
**TV-1** (System B).
Audio powers 1/10 of vision powers; Pol = H exc. where indicated.

| Location | ch | kW (ERP) | Location | ch | kW (ERP) |
|---|---|---|---|---|---|
| Monte Caccia(a) | A | 34 | Monte Conero(l) | E | 100 |
| Monte Cammarata(b) | A | 35 | Monte Soro(m) | E | 5 |
| Monte Nerone(c) | A | 34 | Golfo di Salerno(f) | E | 4V |
| Monte Penice(d) | B | 100 | Monte Argentario(n) | E | 2.5 |
| Monte Falto(e) | B | 40 | Monte Lauro(o) | F | 200 |
| Crotone(f) | B | 5V | Udine | F | 55 |
| Torino | C | 16 | Pescara | F | 14 |
| Monte Serra(g) | D | 270 | Roseto Capo | | |
| Martina Franca(h) | D | 220 | Spulico(p) | F | 12V |
| Punta Badde | | | San Cerbone(q) | G | 48 |
| Urbara(i) | D | 145 | Roma-Monte Mario | G | 36 |
| Monte Venda(j) | D | 100 | Monte Serpeddi(r) | G | 35 |
| Gambarie(k) | D | 19 | Milano | G | 24 |
| Pantelleria | G | 24V | Monte Pellegrino(v) | H | 8 |
| Trieste | G | 15 | Vol Visentin(x) | H | 3.5 |
| Monte Scuro(s) | G | 8 | Monte Limbara(y) | H | 3 |
| Portofino | H | 127 | Capo Spartivento(z) | H | 2.5 |
| Monte Sambuco(t) | H | 35 | Vibo Valentina(ø) | H1 | 3.2 |
| Monte Peglia(u) | H | 32 | | | |

+ 866 low power st's not mentioned.
**D.Prgr:** Mon-Fri 1130-2300; Sat/Sun 0900-2300.
**TV-2** (System G)

| Location | ch | kW (ERP) | Location | ch | kW (ERP) |
|---|---|---|---|---|---|
| Paganella(aa) | 21 | 10 | Roma-Monte Mario | 28 | 150 |
| Udine | 22 | 150 | Bologna | 28 | 10 |
| Monte Penice(d) | 23 | 1800 | Portofino | 29 | 1000 |
| Monte Faito(e) | 23 | 1400V | Monte Favone | 29 | 20 |
| Capo Spartivento(z) | 23 | 14.6V | Torino | 30 | 200 |
| Monte Luco(bb) | 23 | 20 | Pescara | 30 | 30V |
| Monte Argentario(n) | 24 | 250V | Monte Serpeddi(r) | 30 | 25 |
| Monte Lauro(o) | 24 | 200 | Monte Peglia(u) | 31 | 200 |
| Monte Caccia(a) | 25 | 40 | Trieste | 31 | 25 |
| Monte Venda(j) | 25 | 1000 | St. Vincent | 31 | 16.5 |
| Gambarie(l) | 26 | 200V | Monte Vergine | 31 | 15 |
| Velletri | 26 | 200 | Trapani-Erice | 31 | 10 |
| Monte Conero(l) | 26 | 20 | Martina-Franca(h) | 32 | 700 |
| Milano | 26 | 15 | Mont-Beigua(cc) | 32 | 60 |
| Monte Sambuco(t) | 27 | 200 | Monte Limbara(y) | 32 | 20 |
| Monte Serra(g) | 27 | 200 | Monte Soro(dd) | 32 | 15 |
| Punta Badde | | | Monte Nerone(c) | 33 | 200 |
| Urbara(i) | 27 | 200 | Monte Cammarata(b) | 34 | 200 |
| Monte Pellegrino(v) | 27 | 40V | Salento(ee) | 34 | 16 |
| Crotone(f) | 27 | 11 | Col Visentin(x) | 34 | 10 |
| Monte Scuro(s) | 28 | 30 | Vibo Valentia(ø) | 35 | 16 |

+ 786 st's below 10kW not mentioned.
**D.Prgr:** Mon-Fri 1130-2300; Sat/Sun 0900-2300.
**TV-3**

| Location | ch | kW (ERP) | Location | ch | kW (ERP) |
|---|---|---|---|---|---|
| Monte Venda(j) | 32 | 1000 | Monte Caccia(a) | 44 | 610 |
| Milano | 33 | 26 | Monte Scuro(s) | 46 | 90 |
| Monte Faito(e) | 39 | 1250V | Punta Badde | | |
| Torino | 40 | 400 | Urbara(i) | 47 | 400 |
| Monte Pellegrino(v) | 40 | 75V | Bologna | 48 | 200 |
| Monte Lauro(o) | 41 | 400 | Monte Sambuco(t) | 50 | 400 |
| Monte Serra(g) | 43 | 400 | Monte Nerone(c) | 54 | 400 |
| Roma | 43 | 300 | | | |

+ 70 st's below 10kW(ERP) not mentioned.
**D.Prgrs:** W 1600-2300; Sun 1130-1230, 1400-2300.
a) Bari— b) Ribera, Sicilia — c) Arezzo — d) Piacenza — e) Salerno — f) Calabria — g) Lucca — h) Taranto — i) Suni, Sardegna — j) Rovigo — k) Messina — l) Ancona — m) Taormina — n) Grosseto — o) Siracuso — p) Taranto — q) Firenze — r) Cagliari — s) Cosenza — t) Campobasso — u) Perugia — v) Palermo — x) Udine — y) Sargono, Sardegna — z) Reggio Calabria — ø) Catanzaro — aa) Bolzano — bb) Firenze — cc) Genova — dd) Taormina — ee) Otranto.
**ALF:** Lira 78.910,- (colour), Lira 42.680,- (black & white)

### RUNDFUNKANSTALT SÜDTIROL (RAS)

(Public Statutory Body of the Autonomous Province of Southern Tyrol)
**ADDR:** Eisackstrasse 6, I-39100 Bozen.
**L.P:** See radio.
**Stations:** RAS1 (relay ORF); RAS2 (relay ZDF)

| Location | ch | kW | Netw. | | ch | kW | Netw. |
|---|---|---|---|---|---|---|---|
| Penegal | 52 | 2 | I | Perdonig | 59 | 4.5 | I |
| Vigiljoch | 53 | 3 | I | Vigiljoch | 63 | 3 | II |
| Penegal | 55 | 2 | II | Perdoning | 65 | 4.5 | II |

+ 58 low power st's not mentioned.

#### PRIVATE TV STATIONS

There are about 400 privately-operated TV-st's in Italy, mostly on local service. Due to space restrictions, only those stations with nationwide networks are mentioned here. Readers requiring further information on the TV-st's in Italy, should write (with return postage) to: Dario Monferini, Via Davanzati 8, I-20158 Milano.

1) Canale 5 — 0730-0100 (Key st. Milano)
2) Elefante CTV — 0900-2400 (Key st. Castelvecchio Pascoli)
3) Euro TV — 0700-2400 (Key st. Parma)
4) Italia 1 — 0730-0100 (Key st. Milano)

| | |
|---|---|
| 5) Rete A | 0730-0100 (Key st. Milano) |
| 6) Rete 4 | 0730-0100 (Key st. Milano) |
| 7) Teleradio City | 0600-0100 (Key st. Castelletto D'Orba) |
| 8) Rete Capri | 0700-2400 (Key st. Capri) |

1) Società Publitalia 80, Palazzo Verrocchio, Residence Milano 2, I-20090 Segrate — 110 TV-st's affiliated.
2) Società Elefante CTV, Centro Residenziale il Ciocco, I-55020 Castelvecchio Pascoli — 38 TV-st's affiliated.
3) Società STP-RV, Piazza Aspromonte 15/a, I-20131 Milano — 55 TV-st's affiliated.
4) Italia 1, Società Retedieci Srl, Via Meravigli 7, I-20123 Milano — 20 TV-st's affiliated.
5) Rete A, Via Tito Speri 8, I-20154 Milano — 30 TV-st's affiliated.
6) Rete 4, Centro Edile Mondadori, Via Rivoltana 8, I-20090 Lavanderie di Segrate — 30 TV-st's affiliated.
7) Società Video Sintesi S.a.s., Via M. Pagano 36, I-20145 Milano — 3 TV-st's affiliated.
8) Rete Capri, Tele Capri S.p.a. Via Li Campi 19, I-80073 Capri — 3 TV-st's affiliated.

## LUXEMBOURG

**TV-sets:** 91.200 (41.600 colour licenses) — **Colour:** PAL and SECAM — **Systems:** B, L & G.

### TELE LUXEMBOURG (Comm.)

**ADDR:** Compagnie Luxembourgeoise de Télédiffusion, Villa Louvigny, Luxembourg.
**L.P:** Dir. Gen: G. Graas. Dir. Prgr: J. Navadic. Asst. Dir. Prgrs: J. Stock. Dir. Adm: P. Ulveling. Chief Eng: P. Faber.
**Stations:** Dudelange ch7 (System B) 100/25kW H, Dudelange ch21 (System L) 1000/100kW, Dudelange ch27 (System G) 1000/100kW (2 studios).
**D.Prgr. in French:** W 1045-1210, 1600-2230 (Sat 1400-2240); Sun 1100-2200 on ch21 (SECAM) for French viewers and ch27 (PAL) for Belgium & Luxembourg. **Italian/Luxembourgian:** Sun 1100-1300.
**"RTL Plus" in German:** 1727-2130 on ch7 (PAL).

## MALTA

**TV-sets:** 90.000 (incl. 30.000 colour sets) — **Colour:** PAL.
**Systems:** B & H.

### XANDIR TELEVISION (TV division of Telemalta Corp.)

**Addr:** See radio.
**L.P:** Head of TV Prgrs: Norman Hamilton. Head of Tec. Sce's: Paul Abela (for other personnel: see radio).
**Station:** chE10 10/2.5kW H.
**D.Prgr:** 1700-2230 (Sun also 1200-1530).
**ALF:** £M 6.00 (£M 12.00 for colour sets).

## MONACO

**TV-sets:** 17.220 (incl. 9.000 colour sets) — **Colour:** SECAM & PAL — **Systems:** E, L & G.

### TELE MONTE-CARLO (Comm.)

**Addr:** 16 Blvd. Princess Charlotte, MC 98090 Monte-Carlo. **Cable:** Tele-Carlo. **Te:** 505940.
**L.P:** Pres: Jean-Luis Medecin. Dir. Gen: G. Eymery. Dir. Tec: Christian Michéo. Dir. Prgrs: M. Lacroix.
**Stations:** chF10 (E/SECAM) 1000kW(ERP), chE30(L/SECAM) 1000kW, chE33(G/PAL) 100kW, chE35(G/PAL) 100kW, chE39(L/SECAM) 0.05kW.
**D.Prgr:** 1730-2300 (French ch10 and ch30, Italian ch35).

## NETHERLANDS

**TV-sets:** 4.453.847 (licenses) (incl. 4.120.000 colour sets).
**Colour:** PAL — **Systems:** B & G.

### NEDERLANDSE OMROEP STICHTING (NOS)

**Addr. and L.P:** See radio

**Stations** (System B ch1-12; System G ch21-58).

| Prgr.I(Pol H): | chE | kW | Prgr.II(Pol H): | chE | kW |
|---|---|---|---|---|---|
| Ijsselstein | 4 | 100/10 | Ijsselstein | 27 | 1000/100 |
| Roermond | 5 | 50/5 | Roermond | 31 | 250/25 |
| Smilde | 6 | 50/5 | Goes | 32 | 250/25 |
| Markelo | 7 | 30/3 | Wieringermeer | 45 | 300/30 |
| Goes | 29 | 250/25 | Smilde | 47 | 1000/100 |
| Wieringermeer | 39 | 300/30 | Arnhem | 53 | 30/5 |
| Arnhem | 50 | 30/3 | Markelo | 54 | 300/30 |

+ 7 low power repeaters

**D.Prgr:** (Prgr.I): 1500-2232 (average).
**D.Prgr:** (Prgr.II): 1745-2225 (average).
**AD:** are permitted to a max of 6 hrs 54 min. weekly.
**ALF:** Dfl. 158,- (radio included).

### RADIO NEDERLAND TELEVISION — RNTV

Production and distribution of cultural and documentary TV-programmes on 16 mm film, colour, with SEPMAG, SOFOPT, SOFMAG or IT and on video, 1-inch, 2-inch, U-matic cassette, 3/4 inch, PAL, NTSC and SECAM systems. International co-productions with TV-organisations.
A catalogue of TV-programmes is available on application.

### AMERICAN FORCES NETWORK

**Addr:** See Belgium.
**System:** M. **Colour:** NTSC.
**Station:** Soesterberg chA80 20kW (ERP).
**D.Prgr:** Mon-Fri 1400-2200; Sat/Sun 1000-2200.

## NORWAY

**TV-sets:** 1.325.964 licenses (incl. 1.110.117 colour sets).
**Colour:** PAL — **Systems:** B & G.

### NORSK RIKSKRINGKASTING-TELEVISION

**Addr:** Oslo 3. **Te:** (02)459050. **Telex:** International Relations 76820. Eurovision: 71794. TV News: 18530. Prgr. Purchases: 19676.
**L.P:** Dir. Gen (Radio & TV): Bjartmar Gjerde. Dir. Adm & Finance: Oddvar Svanevik. Techn. Dir: Kjell Lövaas. Dir. Prgr. TV: O. Nes. Head of Depts: News: E.O. Hjelle. Cultural & Current Affairs: O. Foss. Sports and O.B: J. Höysaeter. Films: R.H. Rodin. International Rel: A. Birkeland. Eurovision: S. Johanssen. Sales: S. Torjusson (see also Radio).
**Stations:** System B and G.

| Location | ch | kW (ERP) | Location | ch | kW (ERP) |
|---|---|---|---|---|---|
| Greipstad(a) | 2 | 60 | Sogndal(o) | 7 | 20 |
| Gulen | 2 | 30 | Alta | 7 | 5 |
| Melhus | 2 | 100 | Mosvik | 7 | 20 |
| Steigen | 2 | 60 | Bokn(p) | 8 | 100 |
| Varanger(b) | 2 | 30 | Gausta | 8 | 45 |
| Bagn(c) | 3 | 10 | Jetta | 8 | 96 |
| Gamlemsveten(d) | 3 | 60 | Kappfjell | 8 | 2 |
| Hemnes(e) | 3 | 60 | Kistefjell | 8 | 30 |
| Kautokeino | 3 | 8 | Tana(q) | 8 | 30 |
| Bremanger | 4 | 80 | Bergen | 9 | 140 |
| Hadsel(f) | 4 | 30 | Hammerfest | 9 | 30 |
| Kongsberg(g) | 4 | 100 | Kongsvinger(r) | 9 | 60 |
| Førde | 5 | 1.2 | Lyngdal(s) | 9 | 30 |
| Grong(h) | 5 | 30 | Tron | 9 | 30 |
| Karasjok | 5 | 10 | Vega | 9 | 30 |
| Lyngen(i) | 5 | 3 | Narvik | 10 | 30 |
| Nordhue(j) | 5 | 60 | Norfjordeid | 10 | 3 |
| Stord(k) | 5 | 30 | Skien | 10 | 110 |
| Bjerkreim(l) | 6 | 15 | Halden | 11 | 60 |
| Hestmannen | 6 | 4.6 | Kopparen | 11 | 20 |
| Nordkapp | 6 | 30 | Lønahorgi | 11 | 25 |
| Oslo | 6 | 100 | Trolltind(t) | 11 | 60 |
| Andenes(m) | 6 | 4 | Store Jekkir | 11 | 4 |
| Reinsfjel(n) | 6 | 60 | Fister | 11 | 1.2 |
| Hovdefjell | 7 | 30 | Mistberget | 44 | 1.7 |
| Salten | 7 | 30 | Lifgell | 52 | 1 |

+ 1434 low power repeaters less than 1kW not mentioned.
a) Kristiansand — b) Finnmark — c) Lillehammer — d) Ålesund — e) Trondheim — f) Vesterålen — g) Telemark — h) Namsos — i) Tromsö — j) Hamar — k) Haugesund — l) Stavanger — m) Narvik — n) Kristiansund — o) Leikanger — p) Stavanger — q) Finnmark — r) Hamar — s) Mandal — t) Tromsö.

**D.Prgr:** W 1655-2200; Sat 1655-2300; Sun 0955-1115, 1330-1445, 1700-2200 (times are approx.) School prgrs not included.
**ALF** (combined radio + TV): N.Kr. 585, N.Kr. 760,- for colour receivers (per household).

### NRK SVALBARD (Gov.)

**ADDR:** see radio.
**Station:** Longyearbyen ch7 15W.
**D.Prgr:** W 0800-1230 (Sat 1330), D 1630 (Sat 1545, Sun 1400) - 2100 (Sat 2200, Sun 2300).
Prgrs are videotapes from the NRK Home Sce. approx. a week later.

## POLAND

**TV-sets:** 8.544.000 (incl. 1.600.000 colour sets).
**Colour:** SECAM — **Systems:** D & K.

### POLSKIE RADIO TELEWIZJA (Gov.)

**Addr:** Telewizja, Woronica 17, 00950 Warszawa. **Te:** 478501.
**Cable:** Telewar. **Telex:** 813421.
**Stations:**
**Prgr. I:** Powers = ERP, Pol = H exc. where indicated.

| Location | chR | kW/Pol | Location | chR | kW/Pol |
|---|---|---|---|---|---|
| Siedlce | 1 | 35 | Gdańsk | 10 | 100 |
| Bydgoszcz | 1 | 120 | Kraków | 10 | 200 |
| Pila/Walcz | 2 | 50 | Zamość | 10 | 100 |
| Warszawa | 2 | 90 | Zgorzelec | 11 | 3 |
| Kielce | 3 | 200 | Rzeszów | 12 | 100V |
| Zielona Góra | 3 | 200 | Szczecin | 12 | 100 |
| Suwalki | 5 | 100 | Wroclaw | 12 | 165 |
| Olsztyn | 9 | 100V | Przemyśl | 24 | 100 |
| Lódź | 7 | 100 | Warszawa | 27 | 8 |
| Bialystok | 8 | 100 | Jelenia Góra | 30 | 300 |
| Katowice | 8 | 265 | Rabka | 31 | 2 |
| Koszalin | 8 | 100V | Opole | 40 | 1000 |
| Lublin | 9 | 120V | Plock | 29 | 1000 |
| Poznań | 9 | 150 | Siedlce | 52 | 52 |

+ 4 st's below 1kW not mentioned & 106 TV transposers.
**D.Prgr:** 0800-1000, 1600-2200.
**Prgr. II:**

| Location | chR | kW/Pol | Location | chR | kW/Pol |
|---|---|---|---|---|---|
| Kraków | 2 | 1V | Zakopane | 28 | 1 |
| Wroclaw | 2 | 1 | Zielona Góra | 29 | 1000 |
| Gdynia | 3 | 2 | Rzeszów | 29 | 50 |
| Olsztyn | 3 | 1.4V | Kolowo/ | | |
| Kielce | 5 | 2 | Szczecin | 30 | 100 |
| Katowice | 6 | 20 | Świnoujście | 33 | 10 |
| Lódź | 10 | 1V | Konin | 34 | 2.4 |
| Warszawa | 11 | 50 | Jelenia Góra | 35 | 300 |
| Katowice | 21 | 400 | Lopez/ | | |
| Elblag | 21 | 20 | Toporzyk | 35 | 25.5 |
| Tarnów | 22 | 15 | Bydgoszcz | 36 | 100 |
| Opole | 23 | 1000 | Suwalki | 36 | 160 |
| Ostroleka | 24 | 2.5 | Rabka | 36 | 20 |
| Pila/Walcz | 24 | 140 | Zamość | 36 | 250 |
| Lebork/ | | | Siedlce | 37 | 50V |
| Skórowo | 25 | 54 | Lomza | 38 | 7 |
| Wroclaw | 25 | 1000 | Czluchów | 39 | 12.7 |
| Olsztyn | 26 | 272 | Plock | 39 | 1000 |
| Poznań | 27 | 250 | Slupsk | 40 | 12 |
| Kielce | 28 | 1000 | Przemyśl | 41 | 100 |

+ 14 st's below 1kW not mentioned & 41 TV Transposers.
**D.Prgr:** W 1745-2200; Sun 1615-2100.
**ALF:** Zlotys 1.200.

**Soviet Television Relay**

| Stations | ch | | ch |
|---|---|---|---|
| Legnica | 2 | Bialograd | 6 |
| Szczecin | 3 | Kolobrzeg | 9 |

**D. Prgr:** Relays of TSS-1 prgr via satellite from Moscow.

## PORTUGAL

**TV-sets:** 1.522.597 (incl. 109.393 colour sets) — **Colour:** PAL — **System:** B&G.

### RADIOTELEVISÃO PORTUGUESA S.A.R.L. (Comm.)

**Addr:** Head Office: Av. 5 de Outubro 187, 1000 Lisboa. **Te:** 760031. **Cable:** Televisão. **Telex:** 14527-RTP RE P. **Mailing addr:** Apartado 2934, Lisboa.
**L.P:** Chmn: Dr. João da Palma Ferreira. Dir. Tec: Eng. J.M. Franco Dias.

| Stations | ch | kW(ERP) | Pol | | ch | kW(ERP) | Pol |
|---|---|---|---|---|---|---|---|
| Muro | 2 | 40/10 | V | Lisboa | 7 | 100/10 | H |
| Lousã | 3 | 60/12 | H | Bornes | 7 | 12/2 | H |
| Mendro | 5 | 30/5 | H | Foia | 8 | 15/3 | H |
| Montejunto | 6 | 22/5 | H | Porto | 9 | 100/10 | H |

**Relay St's:** Marofa ch5 5/1kWH + 32 repeaters not mentioned.
**D.Prgr:** Mon/Tues/Wed/Thurs 0930-2345; Sat 1400-0030; Sun 1230-2345.
**Second Prgr.** (System G):

| Pol = H | ch | kW (ERP) | | ch | kW (ERP) |
|---|---|---|---|---|---|
| Lisboa | 25 | 420/84 | S. Miguel | 31 | 250/25 |
| Lousã | 26 | 540/108 | Porto | 41 | 300/60 |
| Mendro | 27 | 560/112 | Montejunto | 46 | 200/40 |
| Muro | 27 | 500/100 | Foia | 47 | 550/55 |

**D.Prgr:** 2030-2330 (Sat 2400).
**ALF:** Esc. 1.625, - (Colour: Esc. 3.250, -).

## ROMANIA

**TV-sets:** 3.900.000 — **Colour:** PAL — **System:** D&K.

### RADIOTELEVIZIUNEA ROMANA (Gov.)

**Addr:** Calea Dorobanti 191, Bucuresti. **Te:** 793290. **Cable:** Radioteleviziunea. **Telex:** 11251.
**L.P:** see radio.
**Stations:** Pol = H (exc. where indicated).

| | ch | kW | | ch | kW |
|---|---|---|---|---|---|
| Bucuresti II | R2 | 100 | Vascau | R8 | 2.5 |
| Turnu | R2 | 15 | Iasi | R9 | 25 |
| Oradea | R3 | 120 | Timisoara | R9 | 50 |
| Semenic | R3 | 15 | Magura | R9 | 10V |
| Dobrogea | R3 | 15 | Pitesti II | R9 | 0.5 |
| Bucuresti | R4 | 50 | Baia Mare | R10 | 15 |
| Suceava | R4 | 100 | Constanta | R10 | 50 |
| Birlad | R5 | 50V | Brasov | R10 | 10 |
| Gheorgieni | R5 | 50 | Petrosani | R10 | 10 |
| Bucegi | R6 | 150H | Cluj | R11 | 25 |
| Delta | R6 | 50V | Mangalia | R11 | 0.2V |
| Piatra | R6 | 5 | Arad | R12 | 50 |
| Zaiau | R6 | 2 | Comanesti | R12 | 20 |
| Galatzi | R7 | 2 | Deva | R12 | 20 |
| Sibiu | R7 | 50 | T. Mures | R12 | 2 |
| Varatec | R7 | 2V | Cozia | R12 | 2 |
| Constanta | R8 | 10V | Brasov (II) | 34 | 20 |
| Craiova | R8 | 150 | | | |

**D.Prgr: Prgr. I:** Mon-Fri 1300-1600, 1800-2040; Tues/Thurs 0900-1300, 1400-1600, 1800-2040; Wed 1400-1600, 1800-2040; Sat 0900-2130; Sun 0600-2040.
**Prgr. II:** Mon, Fri 1300-1600, 1800-2040; Tues-Thurs 1800-2040; Sat 1800-2130; Sun 0800-2040.
**ALF:** Lei 180.

## SPAIN

**TV-sets:** 9.912.000 (incl. 1.898.000 colour sets) — **Colour:** PAL.
**Systems:** B&G.

### TELEVISION ESPAÑOLA (Gov.)

**Addr:** Apt. de Correos 26002, Madrid 11. **Te:** 2183143. **Telex:** 27694.
**Stations** (System B&G): Powers = ERP.
**1st Prgr:** Audio powers 10% of vision powers indicated.

| City | ch | kW/Pol | City | ch | kW/Pol |
|---|---|---|---|---|---|
| Madrid | 2 | 250H | Ares | 5 | 50H |
| Gamoniteiro | 3 | 50H | Parada Sil | 5 | 40H |
| Aitana | 3 | 79H | Inoges | 5 | 24H |
| La Muela | 3 | 35H | Torrente | 5 | 10H |
| Tibidabo | 4 | 150H | Alpicat | 5 | 15H |
| Guadalcanal | 4 | 120H | Torrente | 5 | 10H |
| Santiago C | 4 | 120H | Alfabia | 6 | 30H |
| Sollube | 4 | 60H | Granada | 7 | 200H |
| Madrid | 4 | 2H | Castropodane | 7 | 22V |
| Almaden | 5 | 60H | Benicasim | 7 | 10V |

| City | ch | kW/Pol | City | ch | kW/Pol |
|---|---|---|---|---|---|
| Jerez Frontera | 8 | 8H | Hellin | 30 | 4.4H |
| Villadiego | 8 | 6H | Zamora | 31 | 150H |
| La Musara | 8 | 22H | Huelva | 39 | 245H |
| Matadeón | 8 | 6.2H | Soria | 39 | 16H |
| La Mancha | 9 | 90H | Lierganes | 40 | 100H |
| El Cabaco | 9 | 63H | Pechina | 41 | 100H |
| Parapanda | 9 | 30H | Saldiaran | 45 | 16H |
| Paramo | 9 | 9H | Villadiego | 47 | 200H |
| Camarena S | 9 | 53V | Madrid | 49 | 117H |
| Monte Caro | 10 | 63H | Gerona | 49 | 120H |
| Domayo | 10 | 10H | Jaizquibel | 54 | 100H |
| Montanchez | 11 | 45H | Alfabia | 54 | 119H |
| Chinchilla | 11 | 8H | Murcia | 59 | 154H |
| Cordoba | 11 | 10H | Valencina | 63 | 79H |
| Ricote | 25 | 6.7H | Mijas | 65 | 200H |
| Jerez F | 26 | 32H | Arguis | 64 | 36H |

Low power sts not mentioned.
**D.Prgr:** Mon-Fri 1245-2300, Sat 1000-2400, Sun 0930-2300.
**2nd Prgr.** (System B&G): Audio powers 1/10 of vision powers indicated.

| City | ch | kW/Pol | City | ch | kW/Pol |
|---|---|---|---|---|---|
| Santiago C | 2 | 40H | Villadiego | 41 | 200H |
| Madrid | 21 | 100H | C. de la Sierra | 41 | 200H |
| Castropodane | 21 | 200H | Chinchilla | 43 | 158H |
| Cordoba | 21 | 200H | Santiago C | 45 | 316H |
| Ares | 22 | 200H | Soria | 45 | 16H |
| Torrente | 22 | 60H | Lierganes | 46 | 100H |
| Bilbao | 22 | 60H | Parada del Sil | 47 | 400H |
| Paparanda | 23 | 158H | Pechina | 47 | 100H |
| Montanchez | 23 | 158H | Alfabia | 48 | 119H |
| Monreal | 23 | 158H | Jaizkibel | 48 | 100H |
| Jerez F | 23 | 32H | Alpicat | 49 | 158H |
| Madrid | 24 | 1500H | Valencina | 52 | 79H |
| Monte Caro | 26 | 225H | Madrid | 55 | 117H |
| Monreal | 29 | 158H | Gerona | 55 | 126H |
| Tibidabo | 31 | 300H | La Musara | 57 | 395H |
| Aitana | 32 | 200H | Inoges | 57 | 40H |
| La Muela | 33 | 250H | Arguis | 58 | 36H |
| Hellin | 36 | 4.4H | La Mancha | 58 | 200H |
| Zamora | 37 | 160H | Benicasim | 59 | 200H |
| El Cabaco | 39 | 315H | Mijas | 59 | 200H |
| Domayo | 39 | 100H | San Leon | 59 | 34H |
| Almaden | 39 | 372H | Murcia | 65 | 160H |
| Gamoniteiro | 39 | 158H | | | |

Translators not mentioned.
**D.Prgr:** Mon-Fri 1800-2300; Sat/Sun 1430-2300.

## SWEDEN

**TV-sets:** 3.235.255 (licenses) (incl. 2.812.904 colour licenses).
**Colour:** PAL — **Systems:** B & G.

### SVERIGES TELEVISION AB (Swedish Television Company)

(Non-comm. public service).
**Addr:** Oxenstiernsgatan 26-34, Stockholm.
**Postal Addr:** S-105 10 Stockholm. **Te:** (08) 7840000. **Telex:** 10000. **Cable:** Broadcast.
**L.P:** Chmn. Board of Governors: L. Sandgren. Man. Dir: S. Nilsson. Dir. Prgr. (TV1): O. Berglund. Dir. Prgr: (TV2): O. Hansson. Dir. Eng: S.O. Ekholm. Dir. Finance. O. Robin. Dir. Staff: S. Wahlström. Dir. Reg. TV: J. Forsberg. Dir. Admin: A.M. Wachtmeister. Contr. News Prgr. (TV1): R. Gustavsson. Contr. News Prgr. (TV2): I. Odlander. Legal Adviser. U. Peyron. Head International Rel: Å. Iwarsson. Eurovision: M. Lamby. Press and Information: S. Carlsson.

**The Swedish Telecommunications Administration** has the responsibility for the distribution of the prgrs produced by Swedish Television Co. and has also charge of the collection of fees.
**Addr. and L.P:** See Radio.
**Stations** (Systems B ch2-11, System G ch21-68): Sound power 1/10 of vision power stated.
**Prgr. I** (Systems B and G):

| Name | ch | Pol | kW (ERP) | Name | ch | Pol | kW (ERP) |
|---|---|---|---|---|---|---|---|
| Hörby | 2 | H | 100 | Vännäs | 2 | H | 60 |
| Örebro | 2 | H | 60 | Skövde | 3 | H | 60 |
| Sveg | 3 | H | 60 | Kalix | 8 | H | 60 |
| Stockholm | 4 | H | 60 | Lycksele | 8 | V | 15 |
| Östersund | 4 | H | 100 | Ånge | 8 | H | 15 |
| Ävlsbyn | 4 | H | 60 | Mora | 8 | V | 20 |
| Arvidsjaur | 5 | H | 60 | Västerås | 8 | H | 10 |
| Norrköping | 5 | H | 60 | Filipstad | 9 | H | 5 |
| Sundsvall | 5 | H | 60 | Gällivare | 9 | H | 60 |
| Vislanda | 5 | V | 10 | Gävle | 9 | H | 60 |
| Karlstad | 5 | V | 1 | Göteborg | 9 | H | 60 |
| Bollnäs | 6 | H | 60 | Tåsjö | 9 | H | 60 |
| Kiruna | 6 | H | 60 | Visby | 9 | H | 60 |
| Västervik | 6 | H | 60 | Karlskrona | 9 | V | 3 |
| Skellefteå | 6 | H | 35 | Helsingborg | 9 | H | 1 |
| Borås | 6 | H | 3 | Borlänge | 10 | H | 60 |
| Uppsala | 6 | H | 3 | Nässjö | 10 | H | 60 |
| Örnsköldsvik | 6 | H | 7 | Storuman | 10 | H | 60 |
| Halmstad | 7 | H | 60 | Malmö | 10 | H | 1 |
| Pajala | 7 | H | 60 | Varberg | 10 | V | 1 |
| Sollefteå | 7 | H | 60 | Överkalix | 10 | H | 5 |
| Sunne | 7 | H | 60 | Hudiksvall | 11 | H | 4 |
| Motala | 7 | H | 10 | Kisa | 11 | H | 30 |
| Trollhättan | 7 | H | 1 | Östhammar | 11 | H | 30 |
| Väddö | 8 | V | 200 | Karishamn | 11 | H | 30 |
| Bäckefors | 8 | H | 60 | Uddevalla | 33 | H | 1000 |
| Emmaboda | 8 | H | 60 | Finnveden | 41 | H | 1000 |
| Jönköping | 8 | H | 1 | Hörby | 43 | H | 1000 |

+ 284 low power trs (not mentioned).
**D.Prgr** (School prgrs not included): Mon-Fri 1530-2130; Sat 0700-1100, 1400-2230; Sun 0800-1200, 1400-2130.

**Prgr. 2** (System G) (all sts with Pol H).

| Name | ch | kW (ERP) | Name | ch | kW (ERP) |
|---|---|---|---|---|---|
| Arvidsjaur | 21 | 1000 | Storuman | 33 | 1000 |
| Sveg | 21 | 1000 | Karlskrona | 34 | 20 |
| Mora | 22 | 1000 | Pajala | 34 | 1000 |
| Nässjö | 22 | 1000 | Kalix | 35 | 1000 |
| Stockholm | 23 | 1000 | Älvsbyn | 36 | 1000 |
| Uddevalla | 23 | 1000 | Skövde | 37 | 300 |
| Halmstad | 24 | 1000 | Tåsjö | 37 | 1000 |
| Bäckefors | 26 | 1000 | Örnsköldsvik | 39 | 400 |
| Karlshamn | 26 | 1000 | Visby | 41 | 1000 |
| Västervik | 26 | 1000 | Borås | 42 | 1000 |
| Östhammar | 26 | 1000 | Ånge | 42 | 250 |
| Gävle | 27 | 1000 | Karlstad | 43 | 200 |
| Malmö | 27 | 150 | Motala | 45 | 1000 |
| Östersund | 27 | 1000 | Lycksele | 45 | 1000 |
| Jönköping | 28 | 15 | Överkalix | 45 | 1000 |
| Bollnäs | 29 | 1000 | Skellefteå | 46 | 1000 |
| Kiruna | 29 | 1000 | Sollefteå | 46 | 1000 |
| Göteborg | 30 | 1000 | Borlänge | 47 | 1000 |
| Helsingborg | 30 | 10 | Sundsvall | 47 | 1000 |
| Emmaboda | 31 | 1000 | Vännäs | 47 | 1000 |
| Hudiksvall | 31 | 1000 | Finnveden | 48 | 1000 |
| Västerås | 31 | 1000 | Örebro | 48 | 1000 |
| Norrköping | 32 | 1000 | Kisa | 49 | 1000 |
| Vislanda | 32 | 1000 | Uppsala | 49 | 15 |
| Filipstad | 33 | 1000 | Varberg | 49 | 200 |
| Hörby | 33 | 1000 | Sunne | 50 | 1000 |
| Gällivare | 33 | 1000 | Trollhättan | 51 | 20 |

+ 386 low power trs (not mentioned).
**D.Prgr:** Mon-Fri 1630-2130; Sat 1200-2200; Sun 1300-2130.
**ALF:** B & W TV (incl. radio) Sw. Kr. 576,-; Colour TV (incl. radio) Sw. Kr. 736,-.

## SWITZERLAND

**TV-sets:** 2.119.761 (licenses) (incl. approx. 1.822.995 colour licenses) — **Colour:** PAL — **Systems:** B&G.

### SBC—SWISS BROADCASTING CORPORATION

The SBC's Television programme services are an integral part of the Swiss Broadcasting Corporation.

**Addr:** SBC, Giacomettistrasse 3, 3000 Berne 15. **Cable:** Radif. **Te:** (4131) 439111. **Telex:** 32116.
**L.P:** see radio section.

**Prgr. Sce. in German:** TV Prgr. Dir: Ulrich Kündig, Fernsehstrasse 1-4, 8052 Zürich. **Te:** (4101) 3056611.
**Prgr. Sce. in French:** Radio-TV Dir: René Schenker, 6 ave de la Gare, 1001 Lausanne. **Te:** (4121) 205911. TV Prgr. Dir: Jean Dumur, 20 quai Ernest Ansermet, 1211 Geneva 8. **Te:** (4122) 293333.
**Prgr. Sce. in Italian:** Radio-TV Dir: Cherubino Darani, 6903 Lugano-Besso. **Te:** (4191) 585111. Radio-TV Prgr. Dir: Bixio Candolfi, 6903 Lugano-Comano. **Te:** (4191) 585111.

**Stations** (Systems B&G)

| German Prgr: | ch | kW (ERP) | | ch | kW (ERP) |
|---|---|---|---|---|---|
| Bantiger | 2 | 100 | La Chaux-de Fonds | 32 | 18 |
| Uetliberg | 3 | 60 | Olten | 42 | 14 |
| Rigi | 6 | 24 | Haute Nendaz | 43 | 30 |
| Säntis | 7 | 30 | Mt. Pelerin | 44 | 18 |
| Celerina | 9 | 2.8 | Gruyères | 46 | 1 |
| Valzeina | 10 | 5 | Monte Ceneri | 46 | 35 |
| Gebidem | 11 | 3 | Schaffhausen | 47 | 14 |
| St. Chrischona | 11 | 50 | Ravoire | 51 | 8 |
| Niederhorn | 12 | 5 | Monte San Salvatore | 54 | 100 |
| Chasseral | 25 | 12 | Chamossaire | 57 | 2 |
| P. Matro | 29 | 16 | | | |
| La Dôle | 31 | 400 | | | |
| Les Ordons | 31 | 14 | | | |

+ approx 400 low power st's.

| French Prgr: | ch | kW | | ch | kW |
|---|---|---|---|---|---|
| La Dôle | 4 | 150 | Rigi | 32 | 70 |
| Haute Nendaz | 7 | 3 | Ausserberg | 37 | 1 |
| Les Ordons | 7 | 4.5 | Olten | 45 | 14 |
| La Chaux-de Fonds | 9 | 4 | St. Chrischona | 46 | 200 |
| Ravoire | 9 | 1.8 | Celerina | 49 | 4.3 |
| Bantiger | 10 | 100 | Monte Ceneri | 49 | 35 |
| Mont Pelerin | 11 | 5.8 | Schaffhausen | 50 | 14 |
| Chasseral | 22 | 12 | Ziegelbrücke | 51 | 1.5 |
| Feldis | 24 | 1.5 | Gebidem | 52 | 22 |
| Uetliberg | 23 | 160 | Bantiger | 53 | 1.15 |
| Niederhorn | 27 | 15 | Valzeina | 56 | 20 |
| Säntis | 31 | 158 | Monte San Salvatore | 57 | 100 |
| Pizzo Matro | 32 | 16 | | | |

+ over 300 low power st's.

| Italian Prgr: | ch | kW(ERP) | | ch | kW |
|---|---|---|---|---|---|
| Monte Morello | 6 | 0.03 | Bantiger | 40 | 300 |
| Pizzo Matro | 6 | 0.08 | Haute Nendaz | 46 | 30 |
| Celerina | 7 | 2.8 | Mt. Pelerin | 47 | 18 |
| Monte Ceneri | 5 | 4.5 | St. Chrischona | 49 | 200 |
| Monte San Salvatore | 10 | 10 | Gruyères | 49 | 1 |
| Feldis | 21 | 1.5 | Bantiger | 50 | 150 |
| Uetliberg | 26 | 160 | Ofenpass | 53 | 0.8 |
| Rigi | 29 | 70 | Valzeina | 53 | 20 |
| Niederhorn | 30 | 15 | Ravoire | 54 | 8 |
| La Dôle | 34 | 400 | Ziegelbrücke | 54 | 1.5 |
| Les Ordons | 34 | 14 | Gebidem | 55 | 22 |
| Säntis | 34 | 158 | Chasseral | 59 | 15 |
| La Chaux-de-Fonds | 35 | 18 | Chamossaire | 60 | 2 |
| Ausserberg | 40 | 1 | Schaffhausen | 60 | 14 |
| | | | Olten | 63 | 14 |

+ over 300 low power st's (TV studios 3).

**D.Prgr: German:** Sun 0800-2200; Mon/Thurs 1300-2230; Tues 0800-1030, 1345-2200; Wed 1600-2200; Fri 0800-1030, 1600-2230; Sat 0900-1215, 1445-2300. **French:** Sun 0900-2230; W 1100-2230 (Fri 2300, Sat 2400). **Italian:** Sun 0900-2145; Mon/Tues 1700-2230; Wed/Thurs 1645 (or 1700)-2300; Fri 1700-2300; Sat 1130-2300.
**Fl:** By the proceeds from the TV license fees, divided between the SBC and PTT at the rate of 70:30 per cent, and since February 1st, 1965 by the proceeds from commercial television (1984 20 min's on weekdays at a rate ranging from 14400 to 18000 Sw. Frcs. a minute depending on season for Telecasting in all three Swiss prgrs.).
**ALF:** Frc. 174,-.

# UNITED KINGDOM

**TV-sets:** 18.869.794 licences (incl. 15.346.420 colour licences)
**Colour:** PAL — **System:** I.

## BRITISH BROADCASTING CORPORATION

**Addr:** Television Centre, London W12.
**L.P:** Man. Dir: W.F. Cotton, OBE. Dir. of Prgrs: B. G. Wenham. Contr. BBC-1: M. Grade. Contr. BBC-2: G. McDonald. Contr. Eng. & Operations (TV): C.R. Longman.
**Stations:** See below.
**D.Prgr: BBC1:** Mon-Fri 0600-2400; Sat/Sun 0900-2400 (closing times vary).
**BBC2:** 1500-2400 (Sat/Sun 0100) approx.
ALF: £ 15.00 per household (monochrome). £ 46.00 per household (for colour sets).

## INDEPENDENT BROADCASTING AUTHORITY (IBA)

**Addr:** 70 Brompton Rd, London SW3 1EY. **Te:** 01-584 7011.
**L.P:** Chmn: The Rt. Hon the Lord Thomson of Monifieth, KT. Dir. Gen: J. Whitney. Dir. of Adm: Mrs. S. Littler. Dir. of TV: D. Glencross. Dir. of Eng: T.S. Robson. Contr. Inf. Sces: Miss B. Hosking.
**Prgr. Companies** (all comm.)
Independent Television Companies Association Ltd, Knighton House, 56 Mortimer Street, London W1N 8AN. (ITCA acts on behalf of all prgr. companies on matters of common interest).
1) Anglia Television Ltd, Anglia House, Norwich NR1 3JG.
**L.P:** Chief Exec: D.S. McCall.
2) Central Independent Television PLC, Broad Str. Birmingham B1 2JP. **L.P:** Man. Dir: R. Phillis.
3) Border Television Ltd, The Television Centre, Carlisle CA1 3NT. **L.P:** Man. Dir. & Contr. of Prgrs: J. Bredin.
4) Channel Islands Communications (Television) Ltd, The Television Centre, Rouge Bouillon, St. Helier, Jersey, C.I. **L.P:** Man. Dir: K.A. Killip, OBE.
5) Grampian Television Ltd, Queen's Cross, Aberdeen AB9 2XJ. **L.P:** Chief Exec: A. Mair, MBE, ACMA.
6) Granada Television Ltd, Granada TV Centre, Manchester M60 9EA. **L.P:** Man. Dir: D. Plowright.
7) HTV Ltd, Television Centre, Cardiff CF1 9XL. **L.P:** Man. Dir: R.W. Wordley.
8*) London Weekend Television Ltd, South Bank TV Centre, Kent House, Upper Ground, London SE1 9LT. **L.P:** Man. Dir: B. Tesler.
8*) Thames Television Ltd, Thames Television House, 306-316 Euston Road, London NW1 3BB. **L.P:** Man. Dir: B. Cowgill.
9) Scottish Television PLC, Cowcaddens, Glasgow G2 3PR. **L.P:** Dep. Chmn. & Man. Dir: W. Brown, CBE.
10) Television South PLC, Television Centre, Southampton S09 5HZ. **L.P:** Man. Dir: J. Gatward.
11) Tyne Tees Television Ltd, Television Centre, City Road, Newcastle upon Tyne NE1 2AL. **L.P:** Man. Dir: P. Paine, CBE, DFC.
12) Ulster Television Ltd, Havelock House, Ormeau Road, Belfast BT7 1EB. **L.P:** Dep. Chmn. & Man. Dir: R.B. Henderson, CBE, MA, FRTS.
13) Television South West Ltd, Derry's Cross, Plymouth PL1 2SP. **L.P:** Chief Exec. & Prgr. Contr: K. Goldstein-Jackson.
14) Yorkshire Television Ltd, The Television Centre, Leeds LS3 1JS. **L.P:** Man. Dir. & Dir. of Prgrs: P. Fox.
15) **TV-am,** Breakfast Television Centre, Hawley Crescent, London NW1 8EF. **D.Prgr:** 0600-0925.
*) These two companies share the London area franchise. London Weekend Television operates from 1715 Fri (1615 in Summer) until closedown on Sunday and Thames Television for the rest of the week.
Independent Television News Ltd, ITN House, 48 Wells St, London W1P 4DE. **L.P:** Editor and Chief Exec: D. Nicholas, CBE (ITN provides national and international news to all IBA TV areas).

## CHANNEL FOUR (C4) & Sianel 4 Cymru (S4C) (Comm.)

Channel Four Television Company Ltd. (a wholly owned subsidiary of the Independent Broadcasting Authority). In Wales Sianel 4 Cymru is the responsibility of the Welsh Fourth Channel Authority but its outgoings are financed by the IBA. S4C, although giving priority to Welsh language programmes, also carries some C4 programmes and transmitter network is provided by IBA.
**Addr:** (C4): 60 Charlotte Street, London W1P 2BB
**Addr:** (S4C): Sophia Close, Cardiff, CF1 9XY.

**D.Prgr:** ITV: Mon-Fri 0600-0030 (approx); Sat/Sun 0730-0030 (approx); Ch4: 1600-2400 (approx).
**Stations** (625 lines UHF) Colour (System I): These st's are operated by the BBC and IBA jointly, and carry the sces of both organizations. The figure in brackets after st. name indicates the IBA prgr company responsible for prgrs on ITV (3rd column). The regional divisions below refer to BBC1 areas.

| Station (Pol=H) | BBC1 | BBC2 | ITV | Ch4 | kW (ERP) |
|---|---|---|---|---|---|
| **So. Ea. England** (+ 49 relays) | | | | | |
| Bluebell Hill (10) | 40 | 46 | 43 | 65 | 30 |
| Crystal Palace (8) | 26 | 33 | 23 | 30 | 1000 |
| Dover (10) | 50 | 56 | 66 | 53 | 100 |
| Heathfield (10) | 49 | 52 | 64 | 67 | 100 |
| Oxford (2) | 57 | 63 | 60 | 53 | 500 |
| **So. We. England** (+ 64 relays) | | | | | |
| Beacon Hill (13) | 57 | 63 | 60 | 53 | 100 |
| Caradon Hill (13) | 22 | 28 | 25 | 32 | 500 |
| Huntshaw Cross (13) | 55 | 62 | 59 | 65 | 100 |
| Redruth (13) | 51 | 44 | 41 | 47 | 100 |
| Stockland Hill (13) | 33 | 26 | 23 | 29 | 250 |
| Fremont Point (4) | 51 | 44 | 41 | 47 | 20 |
| **So. England** (+ 29 relays) | | | | | |
| Hannington (10) | 39 | 45 | 42 | 66 | 250 |
| Midhurst (10) | 61 | 55 | 58 | 68 | 100 |
| Rowridge (10) | 31 | 24 | 27 | 21 | 500 |
| **We. England** (+ 45 relays) | | | | | |
| Mendip (7) | 58 | 64 | 61 | 54 | 500 |
| **Ea. England** (+ 15 relays) | | | | | |
| Sandy Heath (1) | 31 | 27 | 24 | 21 | 1000 |
| Sudbury (1) | 51 | 44 | 41 | 47 | 250 |
| Talcolneston (1) | 62 | 55 | 59 | 65 | 250 |
| **Ce. England** (+ 46 relays) | | | | | |
| Ridge Hill (2) | 22 | 28 | 25 | 32 | 100 |
| Sutton Coldfield (2) | 46 | 40 | 43 | 50 | 1000 |
| The Wrekin (2) | 26 | 33 | 23 | 29 | 100 |
| Waltham (2) | 58 | 64 | 61 | 54 | 250 |
| **No. England** (+ 42 relays) | | | | | |
| Belmont (14) | 22 | 28 | 25 | 32 | 500 |
| Emley Moor (14) | 44 | 51 | 47 | 41 | 1000 |
| **No. We. England** (+ 59 relays) | | | | | |
| Winter Hill (6) | 55 | 62 | 59 | 65 | 500 |
| **No. Ea. England** (+ 46 relays) | | | | | |
| Bilsdale (11) | 33 | 26 | 29 | 23 | 500 |
| Caldbeck (3) | 30 | 34 | 28 | 32 | 500 |
| Chatton (11) | 39 | 45 | 49 | 42 | 100 |
| Pontop Pike (11) | 58 | 64 | 61 | 54 | 500 |
| **Scotland** (+ 147 relays) | | | | | |
| Angus (5) | 57 | 63 | 60 | 53 | 100 |
| Black Hill (9) | 40 | 46 | 43 | 50 | 500 |
| Sandale | 22 | — | — | — | 500 |
| Craigkelly (9) | 31 | 27 | 24 | 21 | 100 |
| Darvel (9) | 33 | 26 | 23 | 29 | 100 |
| Durris (5) | 22 | 28 | 25 | 32 | 500 |
| Eitshal (5) | 33 | 26 | 23 | 29 | 100 |
| Keelylang Hill (5) | 40 | 46 | 43 | 50 | 100 |
| Knock More (5) | 33 | 26 | 23 | 29 | 100 |
| Rosemarkie (5) | 39 | 45 | 49 | 42 | 100 |
| Rumster Forest (5) | 31 | 27 | 24 | 21 | 100 |
| Selkirk (5) | 55 | 62 | 59 | 65 | 50 |
| **No. Ireland** (+ 35 relays) | | | | | |
| Brougher Mt. (12) | 22 | 28 | 25 | 32 | 100 |
| Divis (12) | 31 | 27 | 24 | 21 | 500 |
| Limavady (12) | 55 | 62 | 59 | 65 | 100 |
| **Wales** (+ 141 relays) | **BBC1** | **BBC2** | **ITV** | **S4C** | |
| Blaen-plwyf (7) | 31 | 27 | 24 | 21 | 100 |
| Carmel (7) | 57 | 63 | 60 | 53 | 100 |
| Llanddona (7) | 57 | 63 | 60 | 53 | 100 |
| Moel-y-Parc (7) | 52 | 45 | 49 | 42 | 100 |
| Presely (7) | 46 | 40 | 43 | 50 | 100 |
| Wenvoe (7) | 44 | 51 | 41 | 47 | 500 |

## U.S.S.R.

**TV-sets:** 80.000.000 (incl. 11.000.000 colour sets) — **Colour:** SECAM — **Systems:** D&K.

### SOVIET TELEVISION (Gov.)

**Addr:** Tsentralnaja studija televidenija, ul. Koroljova 12, Moskva 12700; Leningradskaya studija televidenija, ul. Malaja Sadovaja 2, Leningrad.
**L.P:** Vice-Chmn: V.I. Popov.
**1st Prgr:** Mon-Fri 0700-1000, 1400-2100; Sat/Sun 0600-2100. Time shifted versions are relayed by satellite to the whole of the USSR acc. to the same pattern as the All-Union 1st Prgr. (radio).
**2nd Prgr:** Mon-Fri 1500-2000; Sat 1400-2000; Sun 1300-2100.
**3rd Prgr:** Tues-Sat 0835-0900, 1415-1500.
**4th Prgr:** 1630-1900.
**"Double" Prgrs:** Composite time-shifted sce. of 2nd, 3rd & 4th Prgr. output: **"Double 2"** for UTC+9, +10 time zones; **"Double 3"** for UTC+7, +8 time zones. **"Double 4"** for UTC+5, +6 time zones.
**Main TV Centres in the Soviet Republics:**
**Armenia:** Yerevanskaja studija televidenija, pr. Ordzhonokidze 22, Yerevan — **Azerbaijan:** Bakinskaka studija televidenija, Parkovajaul, Baku — **Byelorussia:** Minskaja studija televidenija, ul. Kalinin 6, Minsk — **Estonia:** Tallinn Eesti Televisioon, Lomonossovi 27, 200100 Tallinn — **Georgia:** Tbiliskaja studija televidenija, pr. Rustaveli 12, Tbilisi — **Kazakhstan:** Alma-Atkinskaja studija televidenija, Alma Ata — **Latvia:** Rizhskaja studija televidenija, ul. B. Nometnu 62, Riga — **Lithuania:** Vilnjusskaja studija televidenija, Vilnius — **Moldavia:** Kishinevskaja studija televidenija, Kishinev — **Ukraine:** Kievskaja studija televidenija, Kretshchatik 24, Kiev — **Uzbekistan:** Tashkentskaja studija televidenija, ul. Navoi 69, Tashkent.
**Stations:** chR1 - chR12 (System D); ch21 - ch68 (System K). Over 800 st's are listed in the European Broadcasting Area, mostly between 100 and 1000kW (ERP). The number of st's outside this area is unknown, but the total number including relay st's must be well in excess of 2.000.
**Local Programmes:** In addition to the Main TV Centres listed above, there are studios at: Abakan, Arkhangelsk, Armavir, Ashkhabad, Astrakhan, Barnaul, Biysk, Blagoveshchensk, Chelyabinsk, Dnepropetrovsk, Donetsk, Dushanbe, Dzezhazgan, Frunze, Gorkiy, Groznyy, Kailmain, Kaliningrad, Karaganda, Kazan, Khabarovsk, Kharkov, Kherson, Komsomolsk, Kostroma, Krasnoyarsk, Kurgan, Lvov, Magadan, Murmansk, Nikolayev, Norilsk, Novosibirsk, Odessa, Petrozavodsk, Rostov-na-Donu, Robtsovsk, Sebastopol, Sochi, Sverdlovsk, Tomsk, Ulan Ude, Volgograd and Yaroslavl.

## YUGOSLAVIA

**TV-sets:** 4.400.000 (incl. 500.000 colour sets) — **Colour:** PAL — **Systems:** B&H.

### JUGOSLOVENSKA RADIOTELEVIZIJA

**Addr: Jugoslovenska Radiotelevizija:** 70B, Kidrica, Beograd.
**Te:** 433 693. **Telex:** 11469 Yu Jurate, Beograd. **L.P:** Pres. Prgr.Com. TV: B. Puharic. Secr. Board of TV Prgr: M. Milosavljevic; for other personnel see radio.
**Radiotelevisija Beograd:** Takovska 10. **Te:** 342001.
**Telex:** 11884.
**Stations** (System B) (Ch2-12), System H (ch21-68) **ChE.** Audio powers 1/10 of vision powers indicated.

| **Serbia** | | |
|---|---|---|
| **1st Prgr.** | **ch** | **kW (ERP)** |
| Kopaonik | 3 | 50 |
| Jastrebac | 5 | 100 |
| Avala | 6 | 100 |
| Deli Jovan | 6 | 1 |
| Tornik | 7 | 1 |
| Ovcar | 8 | 35 |
| B. Kobila | 8 | 6 |
| Tupiznica | 10 | 35 |
| Crni Vrh | 11 | 35 |
| Pirot | 58 | 1 |
| + 6 repeaters. | | |
| **2nd Prgr.** | | |
| Avala | 22 | 1000 |
| Deli Jovan | 23 | 20 |
| Jastrebac | 27 | 1000 |
| Tupiznica | 31 | 5 |
| Crni Vrh | 35 | 500 |
| Pirot | 35 | 1 |
| Kopaonik | 41 | 250 |
| Ovcar | 42 | 100 |
| B.Kobila | 49 | 300 |
| Tornik | 53 | 18 |
| + 44 repeaters. | | |

| **Vojvodina** | **ch** | **kW (ERP)** |
|---|---|---|
| Subotica | 5 | 35a |
| Crveni Cot | 10 | 100a |
| Crveni Cot | 24 | 1000b |
| Vršac | 39 | 1c |
| Iriski Venac | 41 | 1000c |
| Subotica | 43 | 1000c |
| a/rel. Beograd TV1 | | |
| b/rel. Beograd TV2 | | |
| c/rel. Novi Sad TV | | |

| **Kosovo** | **ch** | **kW (ERP)** |
|---|---|---|
| Goles | 7 | 35d |
| Cviljan | 9 | 10d |
| Cviljan | 21 | 400e |
| Goles | 44 | 400e |
| d/rel. Pristina TV | | |
| e/rel. Beograd TV1 | | |

| **Croatia** | | |
|---|---|---|
| **1st Prgr** | | |
| Labistica | 4 | 15 |
| Psunj | 4 | 100 |
| Kalnik | 5 | 10 |
| Pljesevica | 5 | 30 |
| Srdj | 6 | 37 |
| Mirkovica | 7 | 60 |
| B.Manastir | 8 | 25 |
| Celevac | 8 | 50 |
| Sljeme | 9 | 100 |
| Biokovo | 9 | 100 |
| Ucka | 11 | 100 |

| 2nd Prgr. | ch | kW (ERP) | | ch | kW (ERP) |
|---|---|---|---|---|---|
| Celevac | 21 | 1000 | Hum | 8 | 6 |
| Srdj | 22 | 250 | Trovrh I | 9 | 10 |
| Labistica | 23 | 500 | Pljesevica | 10 | 18 |
| Sljeme | 28 | 1000 | Vlasic | 11 | 100 |
| Ucka | 29 | 1000 | **2nd Prgr.** | | |
| B.Manastir | 38 | 250 | Trovrh | 21 | 100 |
| Kalnik | 40 | 350 | Velez | 26 | 1000 |
| Biokovo | 41 | 1000 | Kozara | 27 | 1000 |
| Mirkovica | 43 | 500 | Vlasic | 29 | 1000 |
| Psunj | 50 | 1000 | Pljesevica | 37 | 750 |
| Pljesevica | 53 | 750 | Majevica | 46 | 750 |
| **Slovenia** | | | Bjelasnica | 47 | 1000 |
| **1st Prgr.** | | | Hum | 52 | 100 |
| Kum I | 3 | 50 | **Macedonia** | | |
| Krvavec I | 5 | 50 | **1st Prgr.** | | |
| Nanos I | 6 | 35 | Pelister | 4 | 10 |
| Plesivec I | 6 | 35 | Crni Vrh | 6 | 60 |
| Pohorje I | 11 | 10 | Mali Vlaj | 9 | 3 |
| **2nd Prgr.** | | | Turtel | 11 | 12.5 |
| Krvavec | 21 | 1000 | + 32 repeaters. | | |
| Nanos | 27 | 400f | **2nd Prgr.** | | |
| Kum | 32 | 400 | Turtel | 22 | 600 |
| Plesivec | 49 | 400 | Pelister | 29 | 600 |
| Pohorje | 56 | 1000 | Crni Vrh | 39 | 500 |
| + 42 repeaters | | | Mali Vlaj | 44 | 200 |
| f/rel. Koper TV | | | **Montenegro** | | |
| **Bosnia/Herzegovina** | | | **1st Prgr.** | | |
| **1st Prgr.** | | | Lovcen | 8 | 67 |
| Majevica I | 5 | 10 | Bjelasica | 12 | 16.8 |
| Bielasnica | 5 | 6 | **2nd Prgr.** | | |
| Kozara | 6 | 18 | Lovcen | 31 | 1000 |
| Velez | 7 | 10 | Bjelasica | 37 | 1200 |

**D.Prgr. 1st Prgr:** W 0800-1100, 1345-2200 (Sat 2300); Sun 0700-2200.
**2nd Prgr:** 1600-2200.
**TV Novi Sad/Vojvodina:** 1600-2200.
**TV Pristina/Kosovo:** 1630-2200 (Sun also 0730-1100).
**TV Koper/Slovenia:** 1800-2200; in Italian (Nanos ch27 400kW) 1845-2130.
**ALF:** Din. 3600 (no extra fee for colour sets).

# AFRICA

## ALGERIA

**TV-sets:** 1.440.000 (incl. 250.000 colour sets) — **Colour:** PAL
**System:** B.

### TELEVISION ALGERIE (Gov.)

**Addr:** 21 Blvd. des Martyrs, Alger.
**Stations:** Pol: H.

| | ch | kW (ERP) | | ch | kW (ERP) |
|---|---|---|---|---|---|
| M. Cid | 5 | 150/30 | Chrea | 9 | 120/24 |
| Ain-n-Sour | 5 | 100/20 | Metlili | 10 | 150/30 |
| Akfadou | 6 | 100/20 | Tessala | 10 | 150/30 |
| Nador | 6 | 150/30 | Alger | 11 | 20/4 |
| Constantine | 7 | 100/20 | Aflou | 11 | 150/30 |
| Mecheria | 8 | 30/6 | | | |

+ 95 low power st's.
**D.Prgr:** 1500-2300 (Thurs/Sat/Sun 1300-2400).

## ANGOLA

**TV-sets:** 23.000 — **Colour:** None — **System:** I.

### TELEVISÃO POPULAR DE ANGOLA (Gov.)

**Addr:** P.O. Box 2604, Luanda. **Te:** 35697. **Telex:** 3238 TPA-AN.
**Cable:** TPA.
**Station:** ch9 13kW (ERP).
**D.Prgrs:** 1830-2130.

## BENIN

**TV-sets:** 17.250 (incl. 1250 colour sets) — **Colour:** SECAM.
**System:** K'.

### TELEVISION DU BENIN (Gov.)

**Addr:** see radio.
**L.P:** Dir. of TV: S. Agbota. Dir. Tec: A. Azomahou. Dir. of Prgrs: T. Zannou.
**Station:** ch4 10/1kW.
**D.Prgr:** Thurs/Fri/Sat/Sun 1830-2130.

## BURKINA FASO (formerly Upper Volta)

**TV-sets:** 20.000 (incl. 4.000 colour sets) — **Colour:** SECAM.
**System:** K'.

### VOLTAVISION (Gov.)

**Addr:** B.P. 7029, Ouagadougou. **Te:** 336801.
**L.P:** Dir: Th. S. Balima.
**Station:** Ouagadougou & Bobodioulasso ch6 50/10W V.
**D.Prgr:** Tues-Fri 1833-2200; Sat 1508-2000; Sun 1205-1300, 1833-2200.
**Projected:** Ouagadougou 10kW H.
**ALF:** CFA 5.000,–.

## CANARY ISLANDS

**TV-sets:** 184.000 — **Colour:** PAL — **Systems:** B & G.

### TELEVISION ESPAÑOLA EN CANARIAS

**Addr:** Valentin Saenz 4, pisos 5 and 6, Santa Cruz de Tenerife.
**Te:** 244187.
**L.P:** Dir: César Alonso.
**Stations: Netw. I:** Santa Cruz de Tenerife (Izana) chE3 350/35kW H, Fuencaliente chE7 4.7/0.47 H, Poso de las Nieves ch10 4.25/0.425 H + 28 relays.

**Netw. II:** Fuencaliente ch27 170/17kW H, La Isleta ch28 18.6/1.86kW H, Arrecife ch38 6/0.6kW H, Izana ch45 87/8.7kW H, Puerto Rosario ch52 23.8/2.38kW H, Pozo de las Nieves ch59 3.2/0.32kW H.
**D.Prgr.** I: 1445-0035; II: 1900-0300.

## CONGO (People's Rep.)

**TV-sets:** 4.800 — **Colour:** SECAM — **System:** D.

### RADIODIFFUSION TELEVISION CONGOLAISE

**Addr:** B.P. 2241, Brazzaville.
**Station:** ch 7 10/20kW H.
**D.Prgr:** 1730-2300

## DJIBOUTI (Rep.)

**TV-sets:** 11.200 — **Colour:** SECAM — **System:** K'.

### RADIO TELEVISION DE DJIBOUTI (Gov.)

**Addr. & L.P:** See radio.
**Station:** Djibouti chK5 0.05kW H.
**D.Prgr:** 1600-1900

## EGYPT

**TV-sets:** 3.860.000 (incl. 375.000 colour sets) — **Colour:** SECAM — **System:** B.

### EGYPTIAN RADIO AND TV CORPORATION (Gov.)

**Addr:** TV Bldg, Cornish El-Nil, Cairo. **Te:** 757155.
**Cable:** Cibrotev. **Telex:** 92152 Karadun.
**L.P:** Chmn. of TV prgr. Sector: Samia Sadek.

| Stations 1st Prgr | ch | kW (ERP) | Pol | | ch | kW (ERP) | Pol |
|---|---|---|---|---|---|---|---|
| Dumyat | 4 | 0.9/0.09 | H | Mahalla | 8 | 1600/160 | H |
| Cairo | 5 | 120/12 | H | El-Minya | 8 | 165/16.5 | V |
| Port Said | 5 | 10/1 | V | Idfo | 8 | 23/2.3 | H |
| Nag-Hamadi | 5 | 5/1 | H | Qena | 9 | 30/3 | H |
| Aswan | 5 | 13.5/2.7 | H | Salum | 9 | 6.9/0.69 | H |
| Sidi Barrani | 5 | 11.2/1.12 | H | Ras Gharib | 9 | 66.4/6.64 | H |
| Hurghada | 5 | 89/8.9 | V | Assuit | 10 | 61/6.1 | H |
| Beni-Ali | 6 | 8/0.8 | V | Kom-Ombo | 10 | 40/4 | H |
| Isna | 6 | 18/1.8 | H | Matruh | 10 | 51.9/5.19 | H |
| El-Arish | 6 | 182/18.2 | V | El-Kharga | 10 | 10/1 | V |
| Suez | 7 | 20/2 | H | Ismailia | 11 | 260/26 | V |
| Sohag | 7 | 52/5.2 | H | Beni-Suef | 11 | 80/8 | V |
| El-Daba | 7 | 2.95/0.3 | H | Luxor | 11 | 19/1.9 | H |
| Queseir | 7 | 50.2/5.02 | H | Safaga | 11 | 50.2/5.02 | V |

**D.Prgr:** 0800-1100, 1300 (Fri, Sun 0700)-2100.

| Stations 2nd Prgr | ch | kW (ERP) | Pol | | ch | kW (ERP) | Pol |
|---|---|---|---|---|---|---|---|
| Dumyat | 2 | 0.9/0.09 | V | Cairo | 9 | 24/2.4 | H |
| Suez | 5 | 20/2 | H | Ismailia | 9 | 260/26 | V |
| El-Minya | 5 | 165/16.5 | V | Beni-Ali | 9 | 8/0.8 | V |
| Assuit | 6 | 61/6.1 | H | Isna | 9 | 18/1.8 | H |
| Qena | 6 | 30/3 | H | Aswan | 9 | 10/1 | H |
| Port Said | 7 | 10/1 | V | Mahalla | 10 | 1600/160 | H |
| Beni-Suef | 7 | 80/8 | V | Alexandria | 11 | 24/2.4 | H |
| Luxor | 7 | 19/1.9 | H | Sohag | 11 | 52/5.2 | H |
| Kom-Ombo | 7 | 40/4 | H | Idfo | 11 | 23/2.3 | H |

**D.Prgr:** 1100 (Sun, Fri 0700)-2130.

## EQUATORIAL GUINEA

**TV-sets:** 2.100 — **System:** B.

### TELEVISION NACIONAL (Gov.)

**Addr:** Malabo.
**Station:** chE2.
No recent details received.

## ETHIOPIA

**TV-sets:** 45.000 — **Colour:** none — **System:** B.

### ETHIOPIAN TELEVISION SERVICE (Gov.)

**Addr:** P.O. Box 5544, Addis Ababa. **Te:** 16701. **Cable:** Ethiotv.
**L.P:** Dir. Gen: A. Teferra Gizaw.
**Station:** chE7 0.5/0.1kW.
**D.Prgr:** 1600 (Sat 1430)-2000.
**ALF:** Eth. $50.00 (Studios 2).

## GABON

**TV-sets:** 21.000 (incl. 5.500 colour sets) — **Colour:** SECAM
**System:** K'.

### RADIO TELEVISION GABONAISE (Gov.)

**Addr:** B.P. 150, Libreville. **Te:** 3325. **Cable:** Radiotelegabon.
**Stations:** Libreville K3 2kW H, Port Gentil K10 0.1kW H, Moanda 1kW (relay) + relay st's of 0.1 kW at: Lambaréne, Konlamoutu, Lastourville, Makokon; also at Franceville (0.01kW).
**D.Prgr:** ch3 1800-2115, ch10 1800-2100 (relay Libreville)

## GHANA

**TV-sets:** 62.000 — **Colour:** PAL — **System:** B.

### GHANA BROADCASTING CORPORATION

**Addr:** P.O. Box 1633, Accra.
**L.P:** Dir. of TV: Ms. Aba Hayford. Dir. Tec: I.A.K. Quartey.
**Stations:** Accra chE8 (colour), Kissi chE2 15/3kW H, Jamasi chE3 15/3kW H, Ajankote chE4 15/3kW H, Tamale chE5 1.5/0.3kW H + 4 low power repeaters.
**D.Prgr:** 1730-2245 (Fri/Sat 2300), Sun 1600-2245.
**ALF:** C10.00.

## GUINEA (Revolutionary People's Rep.)

**TV-sets:** 7.600 — **Colour:** None — **System:** K'.

### RADIODIFFUSION-TELEVISION GUINÉENNE (RTG Gov.)

**Addr:** B.P. 391, Conakry.
**L.P:** Dir. Tec: A. Camara. Dir. of Prgrs: E. Katty.
**Station:** Conakry ch5 1kW (ERP) H.
**D.Prgr:** 1700-2200 (approx.)
**Projected:** 13 relay st's.

## IVORY COAST

**TV-sets:** 340.000 (incl. 90.000 colour sets) — **Colour:** SECAM.
**System:** K'.

### TELEVISION IVORIENNE (Gov.)

**Addr:** 08 B.P. 883, Abidjan 08. **Te:** 439039. **Telex:** 2293 Dirtele.
**L.P:** Gen. Mgr: Mamadou Soumahoro. Dir. Prgrs: Ble Gahie. Dir. Tec: M. Amangoua.

| Stations | chK | kW | Pol | | chK | kW | Pol |
|---|---|---|---|---|---|---|---|
| Koun | 4 | 10/2.5 | V | Man | 7 | 10/2.5 | H |
| Tiémé | 4 | 10/2.5 | H | **Abidjan** | 8 | 10/2.5 | H |
| Séguéla | 5 | 10/2.5 | H | Niangbo | 8 | 10/2.5 | H |
| Digo | 5 | 2/1 | H | Niangué | 8 | 10/2.5 | H |
| Dimbroko | 6 | 2/1 | H | Bouaflé | 9 | 10/2.5 | V |
| Touba | 6 | 1/1 | H | | | | |

**D.Prgrs:** Mon-Fri 1230-1330, 1900-2330; Sat 1230-0100; Sun 1130-2330.

## KENYA

**TV-sets:** 76.000 — **Colour:** PAL — **System:** B.

### VOICE OF KENYA TELEVISION (Gov, Comm.)

**Addr:** Box 30456, Nairobi. **Te:** 34567.

**L.P:** Contr. TV Prgrs: Mrs. E. Namai. Dir. Tec: B. Muinde.
**Stations:** chE4 (Nairobi) 30/6kW H. Relay st's: Timboroa (Kisumu) chE2 15/3kW, Nyeri chE10 0.15/0.03kW, Mazajas chE6 15/3kW — **D.Prgr:** 1430-2000. **ALF:** £3.00.

## LIBERIA

**TV-sets:** 25.000 (incl. 6.000 colour sets) — **Colour:** PAL — **System:** B.

### LIBERIAN BROADCASTING CORPORATION (Gov. Comm.)

**Addr:** P.O. Box 594, Monrovia. **Te:** 271250.
**L.P:** Dir: S. Bonah. Dir. Tec: I. Wesley.
**Station:** ELTV chE6 1/0.1kW + 4 low power repeaters not mentioned.
**D.Prgr:** W 1815 (Sat 1615)-2300; Sun 1415-2230.

## LIBYA

**TV-sets:** 171.000 — **Colour:** SECAM — **System:** B.

### PEOPLES REVOLUTION BROADCASTING — TELEVISION (Gov.)

**Addr:** P.O. Box 333, Tripoli.
**Stations:**

| | chE | kW (ERP) | Pol | | chE | kW (ERP) | Pol |
|---|---|---|---|---|---|---|---|
| Benghazi | 5 | 10/2 | V | Khoms | 8 | 5/1 | V |
| Tripoli | 6 | 20/4 | H | Tobruk | 8 | 5/1 | H |
| Derna | 6 | 5/1 | V | Yefren | 9 | 20/4 | H |
| Elmarj | 7 | 5/1 | V | El Beida | 9 | 5/1 | H |
| Houn | 7 | 1/0.2 | H | Misurata | 10 | 5/1 | H |
| Sirte | 7 | 1/0.2 | H | Egdabia | 11 | 15/3 | H |

+ 1 low power repeater.
**D.Prgr's:** 1700-2230.

## MADAGASCAR

**TV-sets:** 15.000 (incl. 7.500 colour sets) — **Colour:** SECAM
**System:** K'.

### RADIO TELEVISION MALAGASY (Gov.)

**Addr:** P.O. Box 442, Antananarivo.
**Stations:** Antananarivo ch5 1kW H, Ambatolampy, Sambava & Antsirabe all 100kW (ch unknown) + 20 low power relay st's.
**D.Prgr:** 1600-1930.

## MADEIRA

**TV-sets:** 50.000 — **Colour:** PAL — **System:** B.

### RADIO TELEVISÃO PORTUGUESA (SARL) (Comm.)

**Addr:** Rua das Maravilhas 42, Funchal.
**Stations:** Funchal (Pico do Silva) chE5 20/4kW H with repeaters on ch6 1.3kW H, ch8 1.25kW H (+ 5 low power st's not mentioned).
**D.Prgr:** 1800 (Sat/Sun 1400)-2300.
**ALF:** Esc. 1250, — (Colour sets: Esc. 2500, —).

## MAURITANIA (Islamic Rep.)

**TV-sets:** 500 — **Colour:** SECAM — **System:** B.

### TELEVISION NATIONALE (Gov.)

**Addr. & L.P:** see radio.
**Station:** Nouakchott ch5 (2x1kW).
**D. Prgr:** 1800-2100.

## MAURITIUS

**TV-sets:** 87.500 (incl. 14.000 colour sets) — **Colour:** SECAM
**System:** B.

### MAURITIUS BROADCASTING CORP. (Comm.)

**Addr:** Broadcasting House, Curepipe.
**L.P:** see radio.
**Stations:** Malherbes chE4 15/3kW H, Port Louis *chE7, Souilac *chE9, Flacq *chE12 — *) Repeaters (all 0.4kW ERP)
**D.Prgr:** 1130 (Sun 1000)-1900
**ALF:** Rs 121.00.

## MOROCCO

**TV-sets:** 1.032.956 (incl. 95.326 colour sets) — **Colour:** SECAM.
**System:** B.

### RADIODIFFUSION TÉLÉVISION MAROCAINE (Gov.)

**Addr:** 1, rue Al Brihi, Rabat.
**L.P:** Dir. of TV: S. Maaninou.
**Stations:** Pol: H.

| | chM | kW(ERP) | | chM | kW(ERP) |
|---|---|---|---|---|---|
| Zerhoun | 4 | 60/12 | Tan Tan | 8 | 9/1.8 |
| Zaio | 4 | 9/1.8 | Safi | 8 | 20/2 |
| Laayoune | 4 | 250/25 | Tazerkount | 8 | 90/18 |
| Oujda | 5 | 267/26.7 | Tazekka | 8 | 4/0.8 |
| Boukhouali | 5 | 150/15 | Touzarine | 9 | 9/1.8 |
| Tanger | 5 | 20/4 | Tiguelmamine | 9 | 9/1.8 |
| Oukaimeden | 6 | 18/3.6 | S. Bounouara | 9 | 11/1 |
| Azougar | 6 | 9/1.8 | Biougra | 9 | 4/0.8 |
| Dakhla | 6 | 11/1.1 | Casablanca | 10 | 90/18 |
| Figuig | 6 | 9/1.8 | Hafa Safa | 10 | 9/1.8 |
| Rabat | 7 | 90/18 | Ourzazate | 10 | 267/26.7 |
| Izeft | 7 | 16/3.2 | Bouarfa | 10 | 267/26.7 |
| Essaouira | 7 | 20/2 | | | |

+ 26 low power relay sts.
**D.Prgr:** 1800-2400 in Arabic.
**ALF:** DH 100, — (colour), DH 50, — (black & white).

## MOZAMBIQUE

**TV-sets:** 5.000 — **Colour:** PAL — **System:** B.

### TELEVISÃO EXPERIMENTAL (Gov, Educ.)

**Addr:** Av. Julius Nyerere 930, C.P. 2675, Maputo. **Telex:** 6346 TVEMP, Mo.
**Station:** Maputo ch33.
**D.Prgrs:** details not available.
**F.Pl:** New st's covering Maputo, Beira & Nampula by 1986.

## NIGER

**TV-sets:** 11.000 (incl. 1.000 colour sets) — **Colour:** SECAM.
**System:** K'.

### TELE-SAHEL (Gov.)

**Addr:** B.P. 309, Niamey. **Te:** 723153. **Telex:** 5229 NI.

| Stations | chK' | kW | Pol | | chK' | kW | Pol |
|---|---|---|---|---|---|---|---|
| Agadez | 4 | 10 | H | Gaya | 8 | 1 | |
| Dosso | 4 | 10 | H | Niamey | 9 | 10 | H |
| Zinder | 5 | 10 | H | Konni | 9 | 10 | H |
| Arlit | 6 | 1 | H | Diffa | 9 | 10 | H |
| Maradi | 7 | 10 | V | | | | |

+ 3 low power relay st's.
**D.Prgr:** 4 days a week 1900-2130 (approx.)

## NIGERIA

**TV-sets:** 460.000 — **Colour:** PAL — **System:** B&G.

### NIGERIAN TELEVISION AUTHORITY

**Addr:** 15, Awolowo Rd, SW Ikoyi (P.M.B. 12036) Lagos.
**Te:** 680338.
**L.P:** Dir. Gen: V. Maduka. Dir. of Prgrs: Dr. V. Ezeokoli. Dir. Tec: A.N. Onyia.

**National TV Production Centre.**
TV House, Victoria Island, PMB 12005, Lagos.
**L.P:** Man. Dir: A. Micika.
*Six Zonal Boards* are responsible to the NTA for providing six TV-programmes simultaneously in Nigeria.
*NTA-Zone A:* PMB 151, TV House, Agodi, Ibadan, Oyo State — Man. Dir: G.C. Ugwu.
*NTA-Zone B:* PMB 1593, Benin City, Bendel State — Man. Dir: S.I. Wigwe
*NTA-Zone C:* PMB 1530, Enugu, Anambra State — Head: S. Olusola.
*NTA-Zone D:* P.O. Box 1347, Kaduna, Kaduna State — Man. Dir: A. Augie.
*NTA-Zone E:* PMB 1600, Maiduguri, Borno State — Man. Dir: K. Ahmed.
*NTA-Zone F:* PMB 2351, Sokoto, Sokoto State — Man. Dir: M. Ibrahim.
**Stations:**

| | Location | ch | | Location | ch |
|---|---|---|---|---|---|
| 1) | Abafon | 3 | 13) | Bauchi | 9 |
| 2) | Jaradi | 3 | 7) | Lagos | 9 |
| 1) | Ibadan | 4 | 2) | Gusau | 9 |
| 3) | Jaji | 4 | 4) | Eku | 9 |
| 4) | Jattu | 5 | 19a) | Calabar | 9 |
| 5) | Kano | 5 | 6) | Lagos-1 | 10 |
| 6) | Lagos-2 | 5 | 14) | Makurdi | 10 |
| 1) | Idominasi | 5 | 3) | Kano | 10 |
| 7) | Egbe | 6 | 15) | Maiduguri | 10 |
| 7) | Kaima | 6 | 16) | Minna | 10 |
| 1) | Ashileke | 7 | 17) | Port Harcourt | 10 |
| 8) | Jos | 7 | 18) | Akure | 11 |
| 4) | Uzala | 7 | 19) | Abeokuta | 12 |
| 5) | Birnin Kudu | 7 | 20) | Akure | 23 |
| 9) | Ikeja | 7 | 21) | Abeokuta | 25 |
| 10) | Abor | 8 | 22) | Enugu | 50 |
| 5) | Arbus | 8 | 23) | Benin City | 55 |
| 2) | Sokoto | 5 | 24) | Owerri | 59 |
| 8) | Mangun | 5 | 25) | Jos | 62 |
| 11) | Aba | 6 | 26) | Kano | 67 |
| 12) | Yola | 8 | | | |

**Addresses & other information:**
1) NTA-Ibadan, P.O. Box 1460, Ibadan, Oyo State — Gen. Mgr: B. Sanda. 1500-2300 (Sat/Sun 0730-2300).
2) NTA-Sokoto, P.M.B. 2351, Sokoto, Kano State — Gen. Mgr: A.K. Ahmed. Dir. Tec: M.B. Abubakar. 1530-2315 (Sat/Sun 1130-2400).
3) NTA-Kaduna, P.O. Box 250, Kaduna — Gen. Mgr: I.S. Abubakar. 1500-2300.
4) NTA-Benin, P.M.B. 1593, Benin, Bendel State — Gen. Mgr: R.O. Ifidun. 1700-2200 (Sun 1000-2100).
5) NTA-Kano, P.M.B. 3343, Kano, Kano State — Gen. Mgr: D. Ibrahim.
6) NTA-Lagos, Victoria Island, P.M.B. 12005, Lagos. ch10: 1500-2300. Sat/Sun 0700-2330. ch5: 1600 (Sat/Sun 0800)-2300.
7) NTA-Ilorin, P.M.B. 1453, Ilorin, Kwara State — Gen. Mgr: P.O. Olowo.
8) NTA-Jos, P.M.B. 2134, Jos, Plateau State — Gen. Mgr: I. Jibrin.
9) NTA-Ikeja, Surulere, Lagos State — Gen. Mgr: S. Fagbo. 1530 (Sat/Sun 1200)-2300.
10) NTA-Enugu, P.O. Box 350, Enugu, Anambra State — Gen. Mgr: E. B. Ayoghu.
11) NTA-Aba/Owerri, P.M.B. 7126, Aba, Imo State — Mgr: A.E. Ukonu. 1650-2300 (Sat/Sun 1300-2300).
12) NTA-Yola, Yola, Gongola State — Gen. Mgr: M. Saidu.
13) NTA-Bauchi, P.M.B. 0146, Bauchi, Bauchi State — Gen. Mgr: Y. Abubakar. Dir. Tec: A.I. Abdulahi. (st. is 1kW).
14) NTA-Makurdi, P.M.B. 2044, Makurdi, Benue State — Gen. Mgr: I. Wakombo.
15) NTA-Maiduguri, Maiduguri, Borno State — Gen. Mgr: A. Abdu.
16) NTA-Minna, TV House, P.M.B. 79, Minna, Niger State — Gen. Mgr: B. Tunau. 1500 (Sat/Sun 1400)-2300.
17) NTA-Port Harcourt, P.M.B. 5797, Port Harcourt, Rivers State — Gen. Mgr: E. Halliday.
18) NTA-Akure, Ondo State — Gen. Mgr: D. Angulu.
19) NTA-Abeokuta, P.M.B. 2190, Abeokuta, Ogun State — Gen. Mgr: A. Bedu. (st. is 1kW). 1500 (Sat/Sun 0700)-2300.
19a) NTA-Calabar, 105 Marian Rd, Calabar, Cross River State — Gen. Mgr: O. Ndem.

**No. 20-26 State TV-Services**
20) Ondo State TV (ODTV), Akure
21) Ogun State TV (OGTV), P.M.B. 2239, Abeokuta.
22) Anambra State TV (ATV), Enugu.
23) Bendel State TV, P.M.B. 1012, Benin City — Gen. Mgr: B. Balogun. Dir. Tec: N.O. Illube. 1500 (Sat 1400)-2000.
24) Imo TV Authority, Okigure Rd, Owerri.
25) Plateau State TV, P.O. Box 6551, Jos.
26) Kano State TV, Kano.
Each state is operating a TV-service but no further details available at time of editing.

## REUNION

**TV-sets:** 87.000 (incl. 30.000 colour sets) — **Colour:** SECAM. **System:** K'.

### SOCIÉTÉ NATIONALE DE RADIO-TÉLÉVISION D'OUTRE-MER (RFO)

**Addr. & L.P:** See radio.
**Stations:** P. Textor chK'9 0.5kW; St. Denis chK'8, Le Port chK'4, St. Suzanne chK'5, St. Pierre chK'7, St. Joseph chK'4 (all 0.1kW) + 13 low power repeaters.
**D.Prgr:** Prgr.I: 1300 (Sat/Sun 1100)-1930; Prgr. II: no times available — **ALF:** FF 311,—.

## SENEGAL

**TV-sets:** 51.000 — **Colour:** SECAM — **System:** K'.

### SENEGAL TELEVISION (Gov.)

**Addr:** B.P. 1765, Dakar.
**L.P:** Dir. of TV: Pathé Fall Dieye.
**Station:** Dakar chK'7 10kW H.
**D.Prgrs:** 1900-2300 (Sat/Sun 1200-2330).

## SEYCHELLES

**TV-sets:** 650 — **Colour:** PAL — **System:** B.

### RADIO-TELEVISION SEYCHELLES (Gov.)

**Addr:** Mahé — **Station:** (ch unknown).
Operates Sat 1355-1900; Sun 1210-1830.

## SIERRA LEONE

**TV-sets:** 21.700 (incl. 11.800 colour sets) — **Colour:** PAL — **System:** B.

### SIERRA LEONE TELEVISION (Gov. Comm.)

**Addr:** Private Mailbag, Freetown. **Te:** 40597.
**L.P:** See radio.
**Station:** chE2 04./0.1kW H, chE7 10/2.5kW H.
**D.Prgr:** 1800-2300.
**ALF:** Leones 50 (colour), 24 (B&W.)

## SOMALIA (Dem. Rep)

### MINISTRY OF INFORMATION

**Addr:** Mogadishu.
**L.P:** Dir. of TV project: A. Ali Askar. Dir. Tec: A. Hassan.
**Stations:** Two transmitters planned. No further details available.

## SOUTH AFRICA

**TV-sets:** 2.100.000 — **Colour:** PAL — **System:** I.

### SOUTH AFRICAN BROADCASTING CORPORATION (SABC TV)

**Addr:** TV1: see Radio, TV 2/3: Broadcast House, Commissioner Str, Johannesburg 2001, or P.O. Box 2491, Johannesburg 2000.
**L.P:** Dir. TV-1 (English): R.M. Knox-Grant. Dir. TV-1 (Afrikaans): Miss V. Vels. Dir. TV-2/3: I.H.J. Kern. For other personnel: see

radio.
CCIR System I (PAL colour) used on bands III/IV/V using ch4-13 (174-254MHz) and 21-68 (470-845MHz), chs 12/38 not used. Sound/Vision spacing is + 6MHz.
**TV-1:**
**Stations:** 162.5kW (ERP)

| Location | ch | Pol | Location | ch | Pol |
|---|---|---|---|---|---|
| Alverstone | 4 | H | Johannesburg | 13 | H |
| Kimberley | 4 | H | Thabazimbi | 13 | V |
| Potgietersrus | 4 | H | Riversdale | 13 | H |
| De Aar | 5 | H | Davel | 22 | H |
| George | 5 | V | Nelspruit | 24 | H |
| Pretoria | 5 | V | Petrus Steyn | 24 | H |
| Theunissen | 5 | H | Kareedouw | 25 | H |
| Graaff Reinet | 6 | V | Glencoe | 27 | H |
| Prieska | 6 | V | Schweizer Reneke | 33 | H |
| Springbok | 6 | V | Queenstown | 34 | H |
| Volkrust | 6 | V | Eshowe | 36 | H |
| Port Elizabeth | | | Mooi River | 37 | H |
| (Regional) | 7 | H | Hoedspruit | 39 | H |
| Welverdiend | 7 | H | Vryheid | 39 | H |
| Villiersdorp | 7 | H | Cradock | 40 | H |
| Constantiaberg | 8 | V | Middelburg | | |
| Garies | 8 | H | (Transvaal) | 41 | H |
| Grahamstown | 8 | H | Hartbeesfontein | 45 | H |
| Kuruman Hills | 8 | H | Zeerust | 52 | H |
| Louis Trichardt | 8 | V | Noupoort | 54 | H |
| Port Shepstone | 8 | V | Bethlehem | 55 | H |
| Bloemfontein | 9 | H | Keiskammahoek | 56 | H |
| East London | 9 | H | Ladybrand | 56 | H |
| Piketberg | 9 | H | Rustenburg | 56 | H |
| Oudtshoorn | 9 | H | Kroonstad | 57 | H |
| Van Rhynsdorp | 10 | H | Suurberg | 59 | H |
| Beaufort West | 10 | H | Aliwal North | 61 | H |
| Upington | 10 | H | Christiana | 62 | H |
| Piet Retief | 11 | H | Houtbosdorp | 64 | H |
| Donnybrook | 13 | H | | | |

+ 22 gap fillers and an estimated 400 privately owned low power tr's.
**D. Prgr:** W 1400 (Sat 1100)-2100 (Fri/Sat 2200); Sun 1300-2030. English & Afrikaans. Language sce's change at 1800. Adv. allowed on W.
**TV-2** (in Zulu & Xhosa)
**Stations:** 162.5kW (ERP)

| Location | ch | Pol | Location | ch | Pol |
|---|---|---|---|---|---|
| Port Elizabeth | 4 | H | East London | 13 | H |
| Constantiaberg | 5 | V | Davel | 30 | H |
| Johannesburg | 6 | H | Glencoe | 31 | H |
| Alverstone | 7 | H | Middelburg | 45 | H |
| Pretoria | 11 | V | | | |

+ 2 gap fillers.
**TV-3** (in So. Sotho/No. Sotho/Tswana).
**Stations:** 162.5kW (ERP)

| Location | ch | Pol | Location | ch | Pol |
|---|---|---|---|---|---|
| Welverdiend | 4 | H | Johannesburg | 9 | H |
| Kimberley | 7 | H | Bloemfontein | 13 | H |
| Potgietersrus | 7 | H | Hartbeesfontein | 41 | H |
| Pretoria | 8 | V | Kroonstad | 61 | H |
| Theunissen | 8 | H | | | |

**D. Prgr** (TV2 & TV3): 1600 (Sat 1300, Sun 1345)-1930 (Fri/Sat 2100) Ad. allowed daily.
**ALF:** R 46,20.
**F.PL:** Educ. Sce. to be introduced in 1985; TV4 (in English & Afrikaans) late 1985 or early 1986.

### BOPHUTHATSWANA

#### BOPHUTHATSWANA TELEVISION (Bop-TV) (Gov, Comm.)

**Addr:** P/Bag X 2150, Mafikeng 8670.
**L.P:** Dir: J.C. Neill.

| Stations (Pol = V) | ch | kW | Stations | ch | kW |
|---|---|---|---|---|---|
| Mmabatho | 24 | 1 | Motswedi | 45 | 0.5 |
| Itsoseng | 59 | 0.5 | Makadima | 54 | 0.25 |

+ rel. st's in Johannesburg (ch36) & Pretoria (ch37) both 0.25kW.
**D. Prgr:** 1520 (Sun 1300)-2100.

### SOUTH WEST AFRICA (Namibia)

**TV-sets:** 15.000 — **System:** I — **Colour:** PAL.

#### SOUTH WEST AFRICAN BROADCASTING CORPORATION

**Addr:** P.O. Box 321, Windhoek. **Te:** 291-911. **Cable:** Broadcast.
**Stations:** Windhoek ch6, Oshakati ch6 and Walvis Bay ch9 plus relay sts at Keetmanshoop (ch4), Paresis (ch5), Erongo (ch7), Signalberg (ch9) and Mariental (ch10).
**D.Prgrs:** 1530-2200 part local, part SABC relayed and part overseas material in Afrikaans, English, German.
**ALF:** R 60.00.

### WALVIS BAY

#### SOUTH AFRICAN BROADCASTING CORPORATION

**Station:** ch9 (rel. of TV-1).

## SUDAN

**TV-sets:** 111.000 — **Colour:** PAL — **System:** B.

#### SUDAN TELEVISION (Gov, Comm.)

**Addr:** P.O. Box 1094, Omdurman. **Te:** 52100. **Cable:** Information-TV.
**L.P:** Dir. Gen: M. Tahir Ibrahim. Dir. Tec: A. Siddig.
**Stations:** Omdurman chE5 2.4/0.5kW H, Wad Medani chE7 100/10kW, ch9 5kW.
**D.Prgr:** 1600-2100.

## SWAZILAND

**TV-sets:** 7.000 (incl. 4.500 colour sets) — **Colour:** PAL.
**Systems:** B&G.

#### SWAZILAND TELEVISION AUTHORITY (Gov.)

**Addr:** P.O. Box A-146, Mbabane. **Te:** 43036. **Telex:** 2138WD.
**L.P:** Gen. Mgr: S.J. Magagula.

| STATIONS: | ch | kW | Pol | | ch | kW | Pol |
|---|---|---|---|---|---|---|---|
| Big Bend | 4 | 0.5 | V | Bulembu | 31 | 5 | H |
| Scaba | 4 | 0.01 | V | Kelly | 35 | 0.1 | V |
| Ntondosi | 21 | 40 | H | Manzini | 35 | 0.1 | V |
| Hlatikulu | 25 | 4 | H | Peak Timbers | 35 | 0.04 | H |
| Simunye | 25 | 0.05 | V | Havelock | 35 | 0.03 | V |
| Mbabane | 27 | 2.6 | V | | | | |

**D.Prgr. in English:** 1600 (Sat 1400)-2030 (Sun 1930).
**ALF:** £ 17, — ; Colour sets: £ 33, — .

## TANZANIA

**TV-sets:** 10.000 (incl. 6.800 colour sets) — **Colour:** PAL
**System:** B.

#### TELEVISION ZANZIBAR (Gov.)

**Addr:** P.O. Box 314, Zanzibar.
**L.P:** Dir: C.M. Chande. Dir. Tec: S.O. Ramadhan.
**Station:** chE21 30/5kW, Pemba chE9 40kW (ERP).
**D.Prgr:** 1600-1900.

## TOGO

**TV-sets:** 8.500 (incl. 1.200 colour sets) — **Colour:** SECAM.
**System:** K

#### TELEVISION TOGOLAISE (Gov.)

**Addr:** B.P. 3286, Lomé. **Te:** 215357.
**Stations:** Mont Agon ch6 10/2kW V, Lomé ch8 0.2/0.04kW H, Alédio Kadara ch8 10/2kW H.
**D.Prgr:** Mon-Fri 1900-2230; Sat/Sun 1230-1430, 1900-2230.

## TUNISIA

**TV-sets:** 400.000 — **Colour:** SECAM. — **System:** B.

#### RADIODIFFUSION TELEVISION TUNISIENNE (Gov.)

**Addr:** 71, Ave de la Liberté, Tunis. **Te:** 287.300.

**Stations:** *) Italian prgr.

| | ch | kW (ERP) | Pol | | ch | kW (ERP) | Pol |
|---|---|---|---|---|---|---|---|
| Boukornine* | 5 | 2.5/0.25 | V | Nefta | 8 | 1.4/0.28 | H |
| Tozeur | 5 | 5/1 | H | Beja | 9 | 32/6.4 | H |
| Bizerte | 6 | 10/2 | H | Gafsa | 10 | 400/80 | V |
| Kasserine | 6 | 340/68 | H | Zaghouan | 11 | 280/56 | H |
| Boukornine | 7 | 12.5/1.25 | V | Ain Draham | 12 | 32/6.4 | H |
| Sfax | 8 | 365/73 | H | Zarzis | 12 | 180/36 | H |

+ 2 low power relay sts.
**D.Prgr:** (Arabic): 1600-2300.

## UGANDA

**TV-sets:** 76.000 — **Colour:** PAL — **System:** B.

### UGANDA TELEVISION

Operated by Ministry of Information.
**Addr:** P.O. Box 4260
**Te:** 54461. **Cable:** Uteevee.
**Stations:** Kampala chE5, Lira chE7, Masaka chE8, Mbale chE8, Mbarara chE10, Soroti chE10 (all 55kW (ERP) H). Gulu chE9 (51.50kW) + low power repeaters at Jinja and Kabale.
**D.Prgr:** 1500 (Sat/Sun 1300)-2000

## ZAIRE (Rep. of)

**TV-sets:** 12.500 — **Colour:** SECAM — **System:** K'.

### ZAIRE TELEVISION (Gov, Comm.)

**Addr:** B.P. 3171, Kinshasa. **Te:** 25606.
**L.P:** Dir. of Prgrs: K. Mbunga.
**Station:** Kinshasa chK5 10/2kW, Lubumbashi chK9 0.1/0.02kW.
**D.Prgr:** 1600-2100 (Sat/Sun 1100-2100).
No recent information available.

## ZAMBIA

**TV-sets:** 240.000 (incl. 40.000 colour sets) — **Colour:** PAL — **System:** B.

### TELEVISION-ZAMBIA (Gov.)

**Addr:** Broadc. House, P.O. Box RW 15, Lusaka. **Te:** 219673; P.O. Box 20748, Kitwe. **Te:** 213555. **Cable:** Broadcasts TV.
**L.P:** Dir. Gen: A.E. Phiri. Dir. Tec: C. Mutale.

| Stations: | chE | kW (ERP) | Pol | | chE | kW (ERP) | Pol |
|---|---|---|---|---|---|---|---|
| Solwezi | 3 | 0.075 | H | Kitwe | 9 | 200 | H |
| Kapiri Mposhi | 6 | 200 | H | **Lusaka** | 10 | 200 | H |
| Pemba | 8 | 200 | V | Senkobo | 10 | 200 | V |
| Kasama | 8 | 16 | H | Chipata | 11 | 16 | H |
| Mubwa | 8 | 0.1 | H | | | | |

**D.Prgrs:** Tues-Fri 0800-1400 (Educational), 1500 (Sat/Sun 1400)—2100 (Fri/Sat 2200).

## ZIMBABWE

**TV-sets:** 99.000 — **Colour:** SECAM — **System:** B.

### ZIMBABWE TELEVISION (Gov, Comm.)

**Addr. & L.P:** See radio.

| Stations: | chE | kW (ERP) | Pol | | chE | kW (ERP) | Pol |
|---|---|---|---|---|---|---|---|
| Gweru | 2 | 17.6 | H | Kadoma | 6 | 4 | H |
| Bulawayo | 3 | 3 | H | Bulawayo | 6 | 6 | V |
| Harare | 4 | 20 | H | Mutare | 7 | 12 | V |
| Chipinge | 5 | 7 | H | Gweru | 11 | 30 | H |

**D.Prgr:** English/Shona/Ndebele Mon-Fri 1445-2130; Sat/Sun 1200-2200.
**ALF:** $32.00.

**The Editors welcome information concerning TV broadcasting in Africa. Please write to our Copenhagen office.**

# NEAR AND MIDDLE EAST

## AFGHANISTAN

**TV-sets:** 12.600 — **Colour:** PAL — **System:** B.

### PEOPLES RADIO & TV AFGHANISTAN (Gov.)

**Addr:** P.O. Box 544, Kabul.
**Station:** Kabul ch5 10/1kW H.
**D.Prgr:** 1330-1830.

## BAHRAIN

**TV-sets:** 122.000 (incl. 63.000 colour sets) — **Colour:** PAL.
**Systems:** B&G.

### BAHRAIN TELEVISION (Gov, Comm.)

**Addr:** P.O. Box 1075, Manama. **Te:** 681811.
**L.P:** Dir: Khalil Al Thawadi. Advisor: E.J.W. Payne. Film Buyer: H. Mutlak.
**Station:** Isa Town chE4 120/24kW, chE55.
**D.Prgr:** 1400-2030 (Arabic on chE4, English on chE55).

## CYPRUS

**TV-sets:** 112.000 (incl. 35.000 colour sets) — **Colour:** PAL (& SECAM with line identification signals) — **Systems:** B & G.

### CYPRUS BROADCASTING CORPORATION

**Addr:** P.O. Box 4824, Nicosia. **Cable:** Broadcasts. **Te:** 22231.
**Telex:** 2333.
**L.P:** Head of TV prgr: P. Ioannides. For other personnel: See radio.
**Stations:** Mt. Olympus chE6 40/4kW V + 27 low power relay stations (using chs 11, 35, 38, 59, 61, 62 & 63).
**D.Prgr.** in Greek, Turkish, English: Mon-Fri 1500-2100; Sat 1500-2200; Sun 0800-1100, 1500-2100.

#### TURKISH ZONE

**TV-sets:** 55.000 (incl. 15.000 colour sets) — **Colour:** PAL.

### BAYRAK RADIO & TV CORP. (Gov.)

**Addr. & L.P:** See radio.
**Stations:** Sinan Dağ chE8 100/10kW V + relay st's on ch5, 9, 10.
**D.Prgrs:** 1430 (Sat 1200, Sun 0800)-2030.
**ALF:** TL 200,-.

## IRAN

**TV-sets:** 2.000.000 — **Colour:** SECAM — **System:** B.

### ISLAMIC REPUBLIC OF IRAN TELEVISION (Gov.)

**Addr:** P.O. Box 19395, 1774 Tehran. **Te:** 21961. **Cable:** "IRIB".
**Telex:** 213910.
**L.P:** See radio.
**Stations:** Two production centers in Tehran producing for two networks.
**Network I:** 1330 (Holidays 1030)-2030.
**Network II:** 1330 (Holidays 1300)-2030. (During summer also 0630-0830, Fri 0430-0630).
**Local st's** (28) Abadan, Ahwaz, Alamdeh, Ardebil, Baharlo, Bakhtaran, Bandar-Abbas, Booshehr, Esfahan, Hamedan, Kerman, Khoramabad, Kohe Genon, Kohe Noor, Kosangar, Mashhad, Oromieh, Rasht, Sanandaj, Sari, Shahrkord, Shiraz, Tabriz, Tehran, Yazd, Zahedan, Zanjan, Zibakenar + 450 low power repeaters.

**The TV section has been compiled from official information supplemented by material sent in by interested readers.**

## IRAQ

**TV-sets:** 635.000 — **Colour:** SECAM — **System:** B.

### BAGHDAD TELEVISION (Gov, Limited Comm.)

**Addr:** See radio.
**Stations:** 1 = 1st Prgr; 2 = 2nd Prgr.

| Location | chE | kW/Pol | Location | chE | kW/Pol |
|---|---|---|---|---|---|
| Misan (1) | 5 | 144H | Baghdad (1) | 9 | 360H |
| Muthanna (1) | 6 | 144V | Basrah (1) | 9 | 360V |
| Al-Taamin (1) | 6 | 144H | Nenavah (1) | 9 | 180V |
| Baghdad (2) | 7 | 288H | Al-Taamin (2) | 10 | 144H |
| Nenavah (2) | 7 | 144V | Misan (2) | 11 | 180H |
| Al-Taamin (1) | 8 | 180H | Basrah (2) | 12 | 144V |
| Muthanna (2) | 8 | 180V | | | |

**D.Prgrs:** 1400-2100.

## ISRAEL

**TV-sets:** 605.000 — **Colour:** PAL — **Systems:** B & G.

### ISRAEL BROADCASTING AUTHORITY (IBA)

**Addr:** P.O. Box 7139, Jerusalem. **Te:** 557111. **Telex:** 25301.
**L.P:** Dir. Eng (TV): G. Fischer. Others: see radio.

### INSTRUCTIONAL TELEVISION CENTRE (Educ.)

**Addr:** 14 Klausner Str, Tel Aviv. **Te:** 414155. **Telex:** 34118 BXTV 11 Ext. 6065 Telemodit.
**L.P:** Gen. Mgr: Y. Lorberbaum. Dir. of Eng: A. Kaplan. Dir. of Prgrs: Mrs. Y. Prener.

| Stations | chE | kW (ERP) | | chE | kW (ERP) |
|---|---|---|---|---|---|
| M. Ramon | 5 | 5/1 | Acco | 24 | 1.5/0.15 |
| Acco | 7 | 20/2 | Tel Aviv | 28 | 150/15 |
| Eilat | 7 | 1/0.2 | Zefat | 34 | 50/5 |
| K. Hayarden | 7 | 1.6/0.3 | Karmiel | 39 | 3/0.3 |
| Eitanim | 8 | 200/20 | Jerusalem | 40 | 0.4/0.04 |
| Manara | 8 | 1.6/0.3 | Menara | 44 | 6/0.6 |
| Arad | 9 | 10/1 | Haifa | 46 | 200/20 |
| Grofit | 10 | 50/5 | Jerusalem | 56 | 1.5/0.15 |
| Haifa | 10 | 100/10 | K. Hayarden | 57 | 20/2 |
| Beersheba | 11 | 100/10 | | | |

+ 30 low power repeaters.
**D.Prgr. Educational:** 0600-1530 (Fri 0600-1100, 1200-1300). (Sat: no trs).
**IBA:** 1530 (Sat 1600)-2200; Fri 1300-1400, 1600-2200.
**ALF:** Shekel 2.700,-.

## JORDAN

**TV-sets:** 280.000 (incl. 200.000 colour sets) — **Colour:** PAL.
**Systems:** B & G.

### JORDAN TELEVISION CORPORATION (JTV)

**Addr:** P.O. Box 1041, Amman. **Te:** 38760. **Cable:** Television.
**Telex:** 1244.
**Stations:** Suweilih chE3 104/10.4kW H, Aquaba ch9 3/0.3kW, Ras Munif-Ajlun ch9 500/50kW H, Deir Alla ch26 6/0.6kW H, G. Nimrin ch43 6/0.6kW H, El-Jasura ch54 6/0.6kW H + 8 low power repeaters.
**2nd Prgr:** Aquaba ch5 3/0.3kW H, Suweilih ch6 108/10.8kW H, Ras Munif-Ajlun ch11 500/50kW H, Deir Alla ch29 6/0.6kW H, G. Nimrin ch46 6.4/0.64kW H, El-Jasura ch57 6.4/0.64kW H + 4 low power repeaters.
**D. Prgr:** no information received.
**ALF:** Dinar 12,- (70,- per household).

## KUWAIT

**TV-sets:** 580.000 (incl. 570.000 colour sets) — **Colour:** PAL.
**System:** B.

### KUWAIT TELEVISION (Gov.)

**Addr:** P.O. Box 25795, Safat, Kuwait. **Telex:** KTV 22169 KT.
**L.P:** Asst. Under Secr. for TV Affairs: M. Sannousi. Asst. Under Secr. for Eng. Affairs: A.E. Houty. Chief Eng: Y.Y. Al-Dashti.
**Stations:** Mutlaa chE5 300/60kW H, Rawdatain chE6 45/9kW H, Failaka chE8 and E10 (both 300/60kW H).
**D.Prgr:** First Prgr: Sat-Wed 1400-2100, Thurs 1000-2300, Fri 0600-2100 — Second Prgr: 1600-2000.

## LEBANON

**TV-sets:** 450.000 — **Colour:** SECAM — **Systems:** B & G.

### TELE-LIBAN (Gov.)

**Addr:** B.P. 4848 ET11, Beyrouth.

| Stations: | ch | kW (ERP) | Prgr | | ch | kW (ERP) | Prgr |
|---|---|---|---|---|---|---|---|
| Fih | 2 | 1/0.2 | I | Beyrouth | 7 | 7/1.4 | II |
| Jounieh | 2 | 1/0.2 | II | Fih | 8 | 7/1.4 | II |
| Beit Mery | 2 | 1/0.2 | III | Zahle | 8 | 7/1.4 | II |
| Massar El | | | | Beyrouth | 9 | 7/1.4 | III |
| Chouf | 4 | 60/12 | II | Fih | 10 | 7/1.4 | I |
| Beyrouth | 5 | 50/10 | I | Zahle | 10 | 7/1.4 | I |
| Fih | 6 | 7/1.4 | III | Beit Mery | 11 | 7/1.4 | II |

+ 4 low power repeaters.
**D. Prgrs:** Prgr.I: 1230-1500 (Arabic/French), 1500-2100 (Arabic); Prgr.II: 1500-2100 (Arabic); Prgr.III: 1700-2100 (French & English).

## OMAN (Sultanate of)

**TV-sets:** 46.000 (all colour sets) — **Colour:** PAL — **System:** B & G.

### OMAN TELEVISION (Gov.)

**Addr. & L.P:** See radio.

**Stations**

| Location | ch | kW | Pol | Location | ch | kW | Pol |
|---|---|---|---|---|---|---|---|
| Qurum | 6 | 120/24 | H | Salala | 10 | 300/60 | V |
| Sur | 7 | 6/1.2 | | Saham | 10 | 25/5 | |
| Buraimi | 8 | 160/32 | | Nizwa | 10 | 200/20 | |
| Midway | 8 | 140/28 | V | | | | |

+ 4 low power relay st's.
**D.Prgr:** 1200-2000.

## QATAR

**TV-sets:** 111.000 (incl. 80.000 colour sets) — **Colour:** PAL — **System:** B.

### QATAR TELEVISION SERVICE

**Addr:** Min. of Information, QTV, P.O. Box 1944, Doha.
**Cable:** Television, Doha. **Telex:** 4040 TeeVee DH.
**L.P:** Dir. TV: Mana-Al-Hajri. Head of Eng: H Abdullah Jaffar.
**Station:** Doha chE9 200kW (ERP), Jamilliya chE11 (repeater) 600kW (ERP), Doha chE37 695kW (ERP).
**D.Prgr:** 1200-2130 (Fri also 0600-0900).

## SAUDI ARABIA

**TV-sets:** 2.500.000 (incl. 2.000.000 colour sets) — **Colour:** SECAM & PAL — **System:** B & G.

### SAUDI ARABIAN TELEVISION (Gov.)

**Addr:** P.O. Box 570, Riyadh.
**L.P:** Asst. Dep. Minister for Eng. Affairs: A.M. Al-Swailem. Asst. Dep. Minister for Radio and TV: Dr. Saleh Bin Naser.

| Stations | ch | kW | Stations | ch | kW |
|---|---|---|---|---|---|
| Riyadh | 5 | 5 | Baqaa | 6 | 1 |
| Al-Madinah | 5 | 5 | Al-Quwaiyah | 6 | 5 |
| Abha | 5 | 5 | Taif | 6 | 5 |
| Hail | 5 | 1 | Mecca | 7 | 5 |
| Al-Zulfi | 5 | 1 | Jizan | 7 | 5 |
| Hafr Al-Batin | 5 | 1 | Qurayyat | 7 | 80 |
| Tayma | 5 | 5 | Riyadh (II) | 7 | 5 |
| Mecca (II) | 5 | 5 | King Khalid City | 7 | 1 |
| Dammam (I) | 6 | 20 | Qassim | 8 | 2 |
| Yanbu | 6 | 1 | Taif (II) | 8 | 5 |

| Stations | ch | kW | Stations | ch | kW |
|---|---|---|---|---|---|
| Tabrjal | 8 | 1 | Arar | 23 | 1 |
| Al-Hassi | 9 | 1 | Turaif | 24 | 1 |
| Al-Baha | 9 | 1 | Hafuf | 25 | 1 |
| Sakaka | 9 | 1 | Khurmah | 26 | 1 |
| Badr Hunayn | 9 | 1 | Dammam (I) | 27 | 2 |
| Abha (II) | 9 | 5 | Layla | 27 | 1 |
| Jeddah | 10 | 5 | Haql | 27 | 1 |
| Tabuk | 10 | 1 | Rafha | 28 | 1 |
| Khamasin | 10 | 1 | Dammam (II) | 29 | 40 |
| Rania | 10 | 1 | Al-Namas | 30 | 1 |
| Majmah | 11 | 10 | Bishah | 39 | 1 |
| Al-Kharj | 11 | 1 | Turabah | 40 | 1 |
| Al-Sulail | 11 | 1 | Umm-Lajj | 41 | 1 |
| Jeddah (II) | 12 | 5 | Rabigh | 42 | 1 |
| Qunfadah | 22 | 1 | Al-Hawtah | 45 | 1 |
| Khyber | 22 | 1 | Al-Wajh | 53 | 1 |
| Khurma | 22 | 1 | Al-Khafji | 57 | 1 |
| Annuayriyah | 22 | 1 | | | |

+ 20 low power st's not mentioned.
**D.Prgr:** 1430-2100.

### CHANNEL 3 TV (Non-Comm, Private Co.)

**Addr:** Box 130 MSB, Mailroom, Dhahran.
**Te:** 874-6618. **Cable:** Aramco, Dhamedia.
**Station:** chE3 Dhahran 5kW.
**D.Prgr:** 1330-2100. **Colour:** PAL.

## SYRIAN ARAB REP.

**TV-sets:** 500.000 (incl. 50.000 colour sets) — **Colour:** SECAM
**System:** B.

### SYRIAN ARAB TELEVISION (Gov.)

(Operated by Directorate general of Broadcasting & TV).
**Addr:** Ommayyad Square, Damascus. **Te:** 720700.
**Stations:** Pol = H.

| Location | chE | kW (ERP) | Location | chE | kW (ERP) |
|---|---|---|---|---|---|
| Nabi-Saleh | 3 | 400/40 | Soueida | 7 | 350/70 |
| Aboukamal | 3 | 400/40 | Ain al Arab | 7 | 400/40 |
| Hassake | 4 | 35/3.5 | Tabqua | 8 | 150/15 |
| Damascus | 5 | 150/15 | Slenfe | 9 | 180/36 |
| Aleppo | 5 | 200/40 | Saroukhieh | 9 | 6/0.6 |
| Deir-el-Zor | 6 | 200/20 | Salhieh | 11 | 30/3 |
| Homs | 7 | 150/30 | | | |

+ 27 relay sts not mentioned.
**D.Prgr:** 1600 (Fri 1200)-2200 — **ALF:** S 50,-.

## TURKEY

**TV-sets:** 4.929.732 (incl. 39.753 colour sets) — **Colour:** PAL — **System:** B.

### TURKISH RADIO TELEVISION CORPORATION

**Addr:** TRT-TV Department, Nevzat Tandogan Caddesi 2, Kavaklidere, Ankara.
**L.P:** Head of TV Dept: M. Turan Akköprülü. Dep. Head Prgr: Teoman Ertan. Dir. Ankara TV: Haluk Kilcik. Dir. of Tech. Affairs: E. Gönüllü.
Audio powers are 1/10 of vision powers indicated.

| Location | chE | kW (ERP) | Location | chE | kW (ERP) |
|---|---|---|---|---|---|
| Ankara | 5 | 100 | Uzak | 8 | 30 |
| Istanbul | 5 | 100 | Ersincan | 8 | 30 |
| Antalya | 5 | 30 | Nigde | 8 | 30 |
| Agri | 5 | 30 | Afyon | 9 | 30 |
| Giresun | 5 | 30 | Amasya | 9 | 100 |
| Adana | 6 | 30 | Edirne | 9 | 30 |
| Erzurum | 6 | 100 | Diyarbakir | 9 | 30 |
| Bursa | 6 | 100 | Trabzon | 9 | 30 |
| Kastamonu | 6 | 30 | Kars | 9 | 100 |
| Aksehir | 6 | 30 | Zonguldak | 9 | 30 |
| Malatya | 7 | 30 | Izmir | 10 | 100 |
| Eskisehir | 7 | 100 | Gaziantep | 10 | 30 |
| Kirsehir | 7 | 30 | Konya | 10 | 100 |
| Samsun | 7 | 30 | | | |
| Silifke | 7 | 30 | Adapazari | 10 | 30 |
| Van | 7 | 30 | Bingöl | 10 | 30 |
| Aydin | 7 | 30 | Tokat | 10 | 30 |
| Hatay | 8 | 10 | | | |
| Canakkale | 8 | 30 | | | |

+ 119 low power repeaters not mentioned.
**D.Prgr:** W 1600-2100, Sat 1400-2100, Sun 0700-2100.
**ALF:** TL 500,-.

## UNITED ARAB EMIRATES

**TV-sets:** 110.000 — **Colour:** PAL — **System:** B & G.

### UNITED ARAB EMIRATES TELEVISION SERVICE (Gov.)

**Addr:** P.O. Box 637, Abu Dhabi. **Te:** 461400. **Telex:** 22557 em.
**L.P:** Dir. Gen: A.M. al-Hamli. Contr. of Prgrs: S. al-Hash.
**Stations: Prgr. I:** Abu-Dhabi chE5 100/10kW, Al-Ain chE7 2/1kW + low power repeaters on ch11 (Abu-Dhabi), ch3 (Habshan), ch6 (Umm-al-Quwain), ch9 (Fujairah), ch21 (Diba), ch31 (Jebel Dhana), ch66 (Swayfah) — **Prgr. II:** ch48 (Abu Dhabi), ch35 (Al-Ain) + low power repeaters on ch23 (Diba), ch36 (Fujairah), ch43 (Umm-al-Quwain), ch68 (Swayfah).
**D.Prgr:** Prgr. I (Arabic main prgr), Prgr. II (Arabic/English/French): 0600-1000, 1200-2030 (Fri & holidays 0600-2030).

### U.A.E. RADIO AND TELEVISION-DUBAI (Gov.)

**Addr:** P.O. Box 1695, Dubai. **Te:** 470255. **Telex:** 45605 DRCTV EM.
**L.P:** Dir. Gen: Abdul G. Al Sayeed Ibrahim. Contr. of Prgrs: Nasib Bitar. Contr. of Eng: Ahmed Najeeb.
**Stations** (Systems B & G): Audio powers are 1/10 of the vision powers indicated.

| Location | ch | kW (ERP) | Pol | Prgr |
|---|---|---|---|---|
| Trade Centre | 2 | 150 | H | 1 |
| Zabeel | 10 | 455 | H | 1 |
| Zabeel | 33 | 1700 | H | 2 |
| Jebel Hatta | 41 | 1600 | H | 1 |

**D.Prgrs:** Arabic (prgr. 1) on chs 2, 10 & 44: 1200-2030; English (prgr. 2) on ch33: 1200-2000.

## YEMEN ARAB REPUBLIC

**TV-sets:** 27.000 — **Colour:** PAL — **System:** B.

### SAN'A TELEVISION (Gov.)

**Addr. & L.P:** See radio.
**Stations:** chE6 (2 st's, 4 & 1kW), chE7 (2kW), chE8 (1kW), chE10 (4kW), chE11 (1kW), chE12 (2kW) + 10 low power repeaters.
**D.Prgr:** 1300-2100.

## YEMEN (People's Democratic Rep. of)

**TV-sets:** 38.000 — **Colour:** NTSC — **System:** B.

### PDR OF YEMEN TELEVISION SERVICE (Gov, Comm.)

**Addr:** Box 1264, Aden.

**Stations:** Al-Ainah chE4 0.4kW H, Al-Bargh chE10 0.8kW H, Ga'ar (Abyan) chE7 0.2kW H + 2 repeaters (Crater chE8 and Little Aden chE5).
**D.Prgr:** 1530-2000.

**In an effort to improve our service to you, the reader, we invite your comments, criticisms and suggestions concerning this section of the WRTH. Please send them to our editorial address.**

# ASIA

## BANGLADESH

**TV-sets:** 255.000 (incl. 30.000 colour sets) — **Colour:** PAL — **System:** B.

### TELEVISION BHABAN (Gov, Comm.)

**Addr:** Rampura, Dhaka-17 — **Te:** 400131. **Cable:** BTV.
**L.P:** Dir. Gen: S. Bari. Chief Eng: S. Ahmed.

| Stations | chE | kW (ERP) | | chE | kW (ERP) |
|---|---|---|---|---|---|
| Chittagong | 5 | 15 | Dhaka II | 9 | 60 |
| Dhaka I | 6 | 108 | Cox's Bazar | 11 | 7 |
| Rangpur | 6 | 362 | Khulna | 11 | 91 |
| Sylhet | 7 | 136 | Mymensingh | 12 | 398 |
| Satkhira | 7 | 252 | Noakhali | 12 | 398 |
| Natore | 8 | 91 | | | |

**D.Prgr:** 1200 (Fri 0900)-1735; 1200-1400 (ch6 only).
**ALF:** Taka 125,— (B&W), Taka 300,— (colour sets) per household.

## BRUNEI

**TV-sets:** 31.000 (incl. 29.000 colour sets) — **Colour:** PAL
**System:** B.

### RADIO TALIVISYEN BRUNEI (Gov.)

**Addr:** Bandar Seri Begawan, Negara Brunei Darussalem.
**Te:** (02) 23111. **Cable:** Broadcasts.
**L.P:** Dir: Pg. Badaruddin bin Pg. Ghani. Dep. Dir: Pg. Asmalee Pg. Ahmad. Supt. Engineer: S. Bolhassan.
**Stations** (System B): Brunei ch5 10kW H, ch8 20kW H.
**D.Prgrs:** 0815 (Fri 0400, Sun 0600)-1600.

## BURMA

**TV-sets:** 32,000 (incl. 30,000 colour sets) — **Colour:** NTSC.
**System:** M.

### BURMA BROADCASTING SERVICE

**Addr. & L.P:** See radio.
**Stations:** Rangoon ch6 10/2.5kW H (+ rel. st. Sagaing).
**D. Prgrs:** 1300-1530 (Sat & Sun also 0630-0830).

## CHINA (People's Rep. of)

**TV-sets:** 9.900.000 — **Colour:** PAL — **System:** D.
**L.P:** Chmn. of Central Board: Tchang-Sian-Chiang.
**Stations:** (powers unknown).

| Ch | Location | Ch | Location | Ch | Location |
|---|---|---|---|---|---|
| 1 | Anqins | 2 | Duyun | 2 | Jinhua |
| 1 | Huanshi | 2 | Luzhi | 3 | Shaoguan |
| 1 | Shijiazhuans | 2 | Zhengzhou | 3 | Changzhou |
| 1 | Tangshan | 2 | Zhumadian | 3 | Karamay |
| 1 | Nanyang | 2 | Qiqihar | 4 | Fuyang |
| 1 | Xinyang | 2 | Hegan | 4 | Xiamen |
| 1 | Harbin | 2 | Yueyang | 4 | Zhanjiang |
| 1 | Changsha | 2 | Changchun | 4 | Shantou |
| 1 | Jilin | 2 | Wuxi | 4 | Lanzhou |
| 1 | Siping | 2 | Lianyuangang | 4 | Nanning |
| 1 | Nanjing | 2 | Jiujiang | 4 | Guiyang |
| 1 | Xuzhou | 2 | Fushun | 4 | Wuhan |
| 1 | Benxi | 2 | Luda | 4 | Yichang |
| 1 | Liaoyang | 2 | Hohhot | 4 | Xiangfan |
| 1 | Tongliao | 2 | Shizuishan | 4 | Baoding |
| 1 | Baoji | 2 | Shengdu | 4 | Handan |
| 2 | Huaibei | 2 | Chongqing | 4 | Chengde |
| 2 | Wuhu | 2 | Jinan | 4 | Zhangjiakou |
| 2 | Beijing | 2 | Zaozhuang | 4 | Anda |
| 2 | Fuzhou | 2 | Yan'an | 4 | Mudanjiang |
| 2 | Guangzhou | 2 | Tongchuan | 4 | Yichun |
| 2 | Zunyi | 2 | Linfen | 4 | Jixi |
| 4 | Jiamusi | 5 | Zhenjiang | 8 | Quanzhou |
| 4 | Yanji | 5 | Shenyang | 8 | Guangzhou |
| 4 | Nantong | 5 | Dandong | 8 | Haikou |
| 4 | Huaiyin | 5 | Yingkou | 8 | Lanzhou |
| 4 | Nanchang | 5 | Uhai | 8 | Wuhan |
| 4 | Ganzhou | 5 | Yinbin | 8 | Harbin |
| 4 | Ji'an | 5 | Shanghai | 8 | Shanghai |
| 4 | Fushun | 5 | Taiyuan | 8 | Xi'an |
| 4 | Luda | 5 | Datong | 8 | Urumqi |
| 4 | Fuxin | 5 | Changzhi | 8 | Lhasa |
| 4 | Jinzhou | 5 | Yuncheng | 9 | Tongling |
| 4 | Baotou | 5 | Tianjin | 9 | Guiyang |
| 4 | Yinchuan | 5 | Urumqi | 9 | Changzhou |
| 4 | Xining | 5 | Chuxiong | 9 | Anshan |
| 4 | Quindao | 6 | Ma'anshan | 9 | Kunming |
| 4 | Xi'an | 6 | Beijing | 10 | Fuzhou |
| 4 | Yangquan | 6 | Zhanjiang | 10 | Shenzhen |
| 4 | Xuanwei | 6 | Juhai | 10 | Anda |
| 4 | Gejiu | 6 | Yumen | 10 | Shenyang |
| 5 | Hefei | 6 | Jiangling | 10 | Dandong |
| 5 | Shaoguan | 6 | Xingtai | 10 | Hohhot |
| 5 | Anshun | 6 | Liaoyuan | 10 | Yantai |
| 5 | Shiyan | 6 | Lhasa | 10 | Shuicheng |
| 5 | Luoyang | 6 | Hangzhou | 11 | Suzhou |
| 5 | Shangqiu | 7 | Huainan | 12 | Baicheng |
| 5 | Kaifeng | 7 | Qinhuangdao | 12 | Taizhou |
| 5 | Shuangyasha | 7 | Changchun | 12 | Wanxian |
| 5 | Changde | 7 | Taiyuan | 12 | Tianjin |
| 5 | Tonghua | 8 | Beijing | | |

**D.Prgr: 1st Network:** 1000-1400 (prgrs from Beijing broadcast to all 29 provinces).
**2nd Network:** separate regional prgrs are broadcast in each of the 29 provinces.
Recent information not received.

## CHINA (Rep. of)

### Taiwan

**TV-sets:** 5.235.000 (incl. 4.448.000 colour sets) — **Colour:** NTSC
**System:** M.

### CHINA TELEVISION COMPANY (Comm.)

**Addr:** 53, 3rd Section, Jen Ai Road, Taipei.
**Stations:** BEF21 chA9 180/40kW (No. Taiwan), BEF22 chA10 150/17kW (Ce. Taiwan), BEF23 chA9 180/80/20kW (So. Taiwan).
**D.Prgr:** W 0400-0500, 0930-1515; Sat 0450-1615; Sun 0250-1515.

### CHINESE TELEVISION SERVICE

**Addr:** 100 Kuang Fu South Road, Taipei.
**L.P:** Pres: P.H. Wu. Dir. Tec: S.H. Hu.
**Stations:** BET31 chA11 340kW (No. West Taiwan), BET32 chA8 153kW (Ce. Taiwan), BET33 chA11 179kW (So. We. Taiwan), BET34 chA8 9.7kW (No. East Taiwan), BET35 chA11 6.45kW (Ce. East Taiwan), BET36 chA8 0.92kW (So. East Taiwan) + 6 relay st's.
**D.Prgr:** W 2135-0110, 0340-0510, 0945-1600; Sat 2135-0140, 0340-1600; Sun 2135-1530.

### TAIWAN TELEVISION ENTERPRISE Ltd. (Comm.)

**Addr:** No. 10, Pa Te Rd, Section 3, Taipei 105. **Te:** 7711515.
**Cable:** Television. **Telex:** 25714.
**L.P:** Pres: Stone K. Shih. Dir. Inf. Center: K.N. Huang.
**Stations:** BET21 chA7 145/56kW (No. Taiwan), BET22 chA12 105/125/5kW (Ce. Taiwan), BET23 chA7 105/125/4.2kW (So. Taiwan), BET24 chA10 0.4/0.4kW (I-Lan), BET25 chA7 9/3kW (Hua Lien), BET26 chA10 0.9/0.5kW (Taitung) + 7 Transposer stations.
**D.Prgr:** Mon-Fri 0400-0515, 1000-1515; Sat 0400-1600; Sun 0300-1500.

## DIEGO GARCIA

**TV-sets:** 615 — **Colour:** NTSC — **System:** M.

### AF DIEGO GARCIA TELEVISION (AFRTS)

**Addr:** US Navy Broadcasting Service, Detachment Three, Box 14,

US Naval Support Facility, F.P.O. San Francisco, Calif. 96685, USA.
**L.P:** Dir. Gen: R. Zabriskie. Dir. Tec: B. Posadas.
**Station:** chA8 0.25kW H.
**D.Prgr:** 0600 (Sat/Sun 0300)-2200.

## HONG KONG

**TV-sets:** 1.278.000 (incl. 1.164.000 colour sets) — **Colour:** PAL
**System:** I.

### TELEVISION BROADCASTS LTD.

**Addr:** HK-TVB, P.O. Box 70100, Kowloon, Hong Kong.
**Te:** 3-360111.
**L.P:** Chmn: R.R. Shaw. Gen. Mgr: R.H.C. Chan.
**Stations:** Two simultaneous networks:
Jade ch21 10/2kW (Chinese) and Pearl (English) ch25 10/2kW.
**D.Prgr:** Jade netw. (Chinese): 24h; Pearl netw. (English): 0400 (Sat/Sun 0100)-1730 (Sat 1730, Sun 1600).

### ASIA TELEVISION LIMITED

Operates two wire comm. sts on CCIR 625 line PAL System I.
**Addr:** TV House, 81 Broadcast Drive, Kowloon, Hong Kong. **Te:** 3-374111. **Telex:** HX74680. **Cable:** Starvision.
**L.P:** Man. Dir: Steve S.C. Huang. Dep. Gen. Mgr: K.F. Chung.
**D. Prgr:** RTV1 ch23 (Chinese): 2300-1600 (Sat 1730); RTV2 ch27 (English) Mon-Fri 0000-1700, Sat 0700-1730, Sun 0330-1700.

## INDIA

**TV-sets:** 2.100.000 — **System:** B — **Colour:** PAL.

### DOORDARSHAN (TVI-Gov.)

**Addr:** Doordarshan, Mandi House, New Delhi 110001. **Te:** 387786. **Cable:** TV General. **Telex:** 4413.
**L.P:** Dir. Gen: S. Shanker. Dep. Dir. Gen: Miss M. Mozoomdar. Chief Eng: N. Venkateshwarlu.

| Stations Location | ch | kW (ERP) | Stations Location | ch | kW (ERP) |
|---|---|---|---|---|---|
| Delhi | 4 | 50/10 | Muzaffarpur | 6 | 5/1 |
| Bombay | 4 | 50/10 | Ahmedabad | 7 | 5/1 |
| Calcutta | 4 | 50/10 | Gulbarga | 7 | 5/1 |
| Lucknow | 4 | 50/10 | Sambalpur | 7 | 5/1 |
| Srinagar | 4 | 50/10 | Amritsar (rel Jullundur) | 7 | 100/10 |
| Madras | 4 | 50/10 | Nagpur (rel. Bombay) | 7 | 5/1 |
| Hyderabad | 4 | 50/10 | Pajani (rel. Bombay) | 7 | 5/1 |
| Jaipur | 5 | 100/10 | Jullundur | 9 | 50/10 |
| Raipur | 5 | 5/1 | Mussoorie (rel. Delhi) | 10 | 100/10 |
| Poona (rel. Bombay) | 5 | 6/0.6 | | | |
| Kanpur (rel. Lucknow) | 5 | 100/10 | | | |
| Bangalore (rel. Madras) | 5 | 5/1 | | | |

+ 20 low power st's not mentioned.
**D.Prgr:** Delhi/Mussoorie/Madras: 1230-1700; Bombay/Poona/Pajani: 1300-1730; Calcutta/Bangalore/Hyderabad: 1300-1630; Jullundur/Amritsar: 1200-1700; Lucknow/Kanpur: 1230-1630; Srinagar: 1300-1700; Jaipur/Raipur/Muzzafarpur: 1230-1630; Ahmedahbad/Gulbarga/Sambalpur 1330-1630; Nagpur 1400-1630. All low power tr's 1230-1630.
Sun morning trs and School prgrs not mentioned.
**ALF:** Rs 50, – (for schools and teleclubs RS 10, –). Rs 100, – for Commercial sets.

## INDONESIA

**TV-sets:** 3.005.000 — **Colour:** PAL — **System:** B.

### TELEVISI REPUBLIK INDONESIA (Gov, Comm.)

**Addr:** Senayan, Jakarta. **Te:** 582160. **Telex:** 46154 TVRT, Jakarta.
**L.P:** Gen. Mgr: M. Sumadi. Mgr: H. Subrata. Chief Eng: M. Arifin.
**Key stations/**

| Areas | chE | kW(ERP) | Areas | chE | kW(ERP) |
|---|---|---|---|---|---|
| Ujung Padang (1) | 4 | 1/0.1 | Jakarta (3) | 6 | 5/0.5 |
| Medan/B. Baru (2) | 5 | 10/1 | Jakarta (3) | 8 | 10/1 |
| Jogyakarta (4) | 8 | 10/1 | Palembang (7) | 9 | 5/1 |
| Denpasar (Bukit Bakung) (5) | 8 | 5/0.5 | Balikpapan (8) | 9 | 1/0.1 |
| Surabaya (6) | 9 | 10/1 | Manado (9) | 9 | 1/0.1 |

**Relay stations/**

| Areas | chE | kW(ERP) | Areas | chE | kW(ERP) |
|---|---|---|---|---|---|
| Gn. Gombel (10) | 4 | 5/0.5 | Gn. Cemorosewu (6) | 6 | 2/0.2 |
| Pandai Sikat (11) | 5 | 5/0.5 | Pekanbaru (12) | 7 | 10/1 |
| Pulau Batam (12) | 5 | 10/1 | Gn. Muntai (7) | 7 | 5/0.5 |
| Jambi (13) | 5 | 10/1 | Gn. Nagrak (15) | 7 | 5/0.5 |
| Banjarmasin (14) | 5 | 10/1 | Pontianak (16) | 7 | 10/1 |
| Makawemben (9) | 5 | 5/0.5 | Bukit Gresir (17) | 7 | 5/0.5 |
| Rantauprapat | 6 | 10/1 | Gn. Gompong (19) | 8 | 5/0.5 |
| Sungai Pakning (12) | 6 | 10/1 | Palangkaraya (18) | 8 | 10/1 |
| Gn. Manumbing (7) | 6 | 5/1 | Gn. Depok (10) | 9 | 5/0.5 |
| Prabumulih (7) | 6 | 2/0.2 | Oben Kupang (19) | 9 | 15/1.5 |
| Gn. Gantungan (10) | 6 | 5/0.5 | | | |

+ 179 low power st's not mentioned.
**Areas:** 1) Sulawesi Selatan — 2) Sumatera Utara — 3) DKI Jakarta — 4) DI Jogyakarta — 5) Bali/Denpasar — 6) Jawa Timur — 7) Sumatera Selatan — 8) Kalimantan Tirmir — 9) Sulawesi Utara — 10) Jawa Tengah — 11)Sumatera Barat — 12) Riau — 13) Jambi — 14) Kalimantan Selatan — 15) Jawa Berat — 16) Kalimantan Barat — 17) Maluku — 18) Kalimantan Tengah — 19) Nusatenggara Timur.
**D. Prgr:** W 0930-1630 (Sat 1700); Sun 0200-0630, 0930-1630.

## JAPAN

**TV-sets:** 30.210.000 (incl. 28.000.000 colour sets) — **Colour:** NTSC — **System:** M.

### NIPPON HOSO KYOKAI (Corporation, non Gov, non Comm.)

**Call:** JO TV; **Pol:** H and V; **Ch:** J:—**DEF:** 525.
**Colour-TV:** 3264 sts for General netw. and 3200 for Educational netw.
I = General Sce; 2) = Educational Sce.

| Name | Call | ch | kW | P | Name | Call | ch | kW | P |
|---|---|---|---|---|---|---|---|---|---|
| Tokyo | JOAK | 1 | 50 | 1 | Yamagata | JOJC | 4 | 3 | 2 |
| Kofu | JOKG | 1 | 3 | 1 | Morioka | JOQG | 4 | 3 | 1 |
| Fukuyama | JODP | 1 | 1 | 1 | Hamamatsu | JODG | 4 | 1 | 1 |
| Yamaguchi | JOUC | 1 | 1 | 2 | Kanazawa | JOJK | 4 | 3 | 1 |
| Nagasaki | JOAC | 1 | 1 | 2 | Tottori | JOLC | 4 | 1 | 2 |
| Asahikawa | JOCC | 2 | 1 | 2 | Kochi | JORK | 4 | 1 | 1 |
| Kushiro | JOPC | 2 | 1 | 2 | Sendai | JOHB | 5 | 10 | 2 |
| Muroran | JOIT | 2 | 1 | 2 | Aomori | JOTC | 5 | 5 | 2 |
| Akita | JOUB | 2 | 5 | 2 | Okayama | JOKK | 5 | 10 | 1 |
| Fukushima | JOFD | 2 | 3 | 2 | Kagoshima | JOHC | 5 | 5 | 2 |
| Nagano | JONK | 2 | 1 | 1 | Tsuruoka | JOJD | 6 | 1 | 2 |
| Shizuoka | JOPB | 2 | 1 | 2 | Matsue | JOTK | 6 | 1 | 1 |
| Osaka | JOBK | 2 | 10 | 1 | Matsuyama | JOZK | 6 | 5 | 1 |
| Matsuyama | JOZB | 2 | 5 | 2 | Kochi | JORB | 6 | 1 | 2 |
| Kumamoto | JOGB | 2 | 1 | 2 | Fukuoka | JOLB | 6 | 10 | 2 |
| Sasebo | JOAY | 2 | 1 | 2 | Kitakyushu | JOSK | 6 | 1 | 1 |
| Okinawa | JOAP | 2 | 5 | 1 | Hiroshima | JOFB | 7 | 10 | 2 |
| Sapporo | JOIK | 3 | 10 | 1 | Fukuyama | JODD | 7 | 1 | 2 |
| Kitama | JOKP | 3 | 1 | 1 | Yamagata | JOJG | 8 | 3 | 1 |
| Sendai | JOHK | 3 | 10 | 1 | Morioka | JOQC | 8 | 3 | 2 |
| Tsuruoka | JOJP | 3 | 1 | 1 | Niigata | JOQK | 8 | 5 | 1 |
| Aomori | JOTG | 3 | 5 | 1 | Hamamatsu | JODC | 8 | 1 | 2 |
| Tokyo | JOAB | 3 | 50 | 2 | Kanazawa | JOJB | 8 | 3 | 2 |
| Kofu | JOKC | 3 | 3 | 2 | Sasebo | JOAT | 8 | 1 | 1 |
| Nagoya | JOCK | 3 | 10 | 1 | Miyazaki | JOMG | 8 | 1 | 1 |
| Fukui | JOFC | 3 | 3 | 2 | Asahikawa | JOCG | 9 | 1 | 1 |
| Toyama | JOIG | 3 | 3 | 1 | Kushiro | JOPG | 9 | 1 | 1 |
| Hiroshima | JOFK | 3 | 10 | 1 | Muroran | JOIU | 9 | 1 | 1 |
| Okayama | JOKB | 3 | 10 | 2 | Akita | JOUK | 9 | 5 | 1 |
| Tottori | JOLG | 3 | 1 | 1 | Fukushima | JOFP | 9 | 3 | 1 |
| Tokushima | JOXK | 3 | 1 | 1 | Nagano | JONB | 9 | 1 | 2 |
| Fukuoka | JOLK | 3 | 10 | 1 | Nagoya | JOCB | 9 | 10 | 2 |
| Nagasaki | JOAG | 3 | 1 | 1 | Shizuoka | JOPK | 9 | 1 | 1 |
| Kagoshima | JOHG | 3 | 5 | 1 | Fukui | JOFG | 9 | 3 | 1 |
| Oita | JOIP | 3 | 3 | 1 | Yamaguchi | JOUG | 9 | 1 | 1 |
| Hakodate | JOVK | 4 | 1 | 1 | Kumamoto | JOGK | 10 | 1 | 2 |
| Obihiro | JOOG | 4 | 1 | 1 | Hakodate | JOVB | 10 | 1 | 2 |

| Name | Call | ch | kW | P | Name | Call | ch | kW | P |
|---|---|---|---|---|---|---|---|---|---|
| Toyama | JOIC | 10 | 3 | 2 | Otsu | JOQP | 28 | 1 | 1 |
| Sapporo | JOIB | 12 | 10 | 2 | Tsu | JONP | 31 | 5 | 1 |
| Obihiro | JOOC | 12 | 1 | 2 | Wakayama | JORP | 32 | 1 | 1 |
| Kitami | JOKD | 12 | 1 | 2 | Kyoto | JOOK | 32 | 10 | 1 |
| Niigata | JOQB | 12 | 5 | 2 | Takamatsu | JOHP | 37 | 10 | 1 |
| Osaka | JOBB | 12 | 10 | 2 | Tokushima | JOXB | 38 | 10 | 2 |
| Matsue | JOTB | 12 | 1 | 2 | Saga | JOSP | 38 | 5 | 1 |
| Kitakyushu | JOSB | 12 | 1 | 2 | Takamatsu | JOHD | 39 | 10 | 2 |
| Miyazaki | JOMC | 12 | 1 | 2 | Gifu | JOOP | 39 | 5 | 1 |
| Oita | JOID | 12 | 3 | 2 | Saga | JOSD | 40 | 5 | 2 |
| Okinawa | JOAD | 12 | 5 | 2 | Nara | JOUP | 51 | 1 | 1 |
| Kobe | JOPP | 28 | 10 | 1 | | | | | |

+ 6991 translator st's (as of March 1983).
**D.Prgr: Gen. TV:** 2100-1415 (Fri/Sat 1500). **Educ. TV:** 2100-1500. All prgrs in colour.
**ALF:** B and W. TV: 6240 Yen; Colour TV: 10560 Yen.

## PRIVATELY OWNED COMMERCIAL TV-STATIONS

**Call:** JO-TV chJ — All st's with colour facilities (System M & colour system NTSC). **D. Prgr:** General (approx.) 2100 (or 2130) -1700 (or 1800) in Tokyo, Osaka and other major cities; in smaller cities generally 2200, 2300 or 0000-1400 (or 1500). * = (ERP).

**Key Networks:**

### The Nippon Television Network Corpo (NTV)

**Addr:** 14, Nibon-cho, Chiyodaku, Tokyo 102. **Te:** (03) 265-2111. **Telex:** J24566 JOAXNTV — **L.P:** Pres: M. Takagi. Dir. of Engineering: S. Ujiie. Head Intern. Operations: T. Kataoka.
**Station:** JOAX-TV ch4 50kW. **D.Prgr:** 2100-1650.

### Tokyo Broadcasting System Inc.

**Addr:** 5-3-6 Akasaka, Minato-ku, Tokyo — **L.P:** St. Mgr: Y. Yamanishi. Dir. Tec: H. Yamamoto. Film Buyer: K. Suzuki.
**Station:** JOKR-TV ch6 370kW. **D.Prgrs:** 2100-1600 (70 relay sts).

### Fuji Telecasting Co. Ltd.

**Addr:** 7, Kawadacho, Ichigaya, Shinjuku-ku, Tokyo 162 — **L.P:** Pres: Y. Asano. Dir. Tec: Y. Kono. Film Buyer: K. Murayama.
**Station:** JOCX-TV ch8 370kW. **D.Prgrs:** 2125-1800 (59 relay sts).

### Asahi National Broadc. Co. Ltd.

**Addr:** 6-4-10, Roppongi, Minato-ku, Tokyo — **L.P:** Pres: M. Takano. Film Buyer: N. Nakamura. Dir. Tec: S. Kaneko.
**Station:** JOEX-TV ch10 50kW. **D.Prgr:** 2200-1700 (+ 7 relay sts).

**Other stations:**

| | Call | ch | kW | Name, location and h. of tr. |
|---|---|---|---|---|
| 1) | HR | 1 | 10 | Hokkaido Broadc. Co, Sapporo: 2100-1530 |
| 2) | FX | 1 | 10 | Tokai Television Broadc. Co, Nagoya |
| 3) | IR | 1 | 10 | Tohoku Broadc. Co, Sendai |
| 4) | LR | 1 | 3 | Kita-Nihon Broadc. Co, Toyama. |
| 5) | IF | 1 | 60 | Kyushu Asahi Broadc. Corp, Fukuoka |
| 6) | CF | 1 | 5 | Minami-Nihon Broadc. Co, Kagoshima |
| 7) | JR | 1 | 1 | Shikoku Broadc. Co, Tokushima |
| 8) | GR | 1 | 1.5 | Aomori Broadc. Co, Aomori |
| 9) | JX | 1 | 1 | Nihon-Kai Telecasting Co, Tottori |
| 11) | FR | 4 | 130 | RKB Mainichi Broadc. Corp, Fukuoka: 2100-1600 |
| 12) | OR | 4 | *100 | MBS Mainichi Broadc. System, Osaka: 2100-1600 |
| 13) | ER | 4 | 100 | Chugoku Broadc. Co, Hiroshima: 2130-1500 |
| 14) | AR | 5 | 10 | Chubu Nippon Broadc. Co, Nagoya |
| 15) | DR | 5 | 5 | Broadc. System of Niigata, Niigata |
| 16) | KX | 5 | 10 | Sapporo TV Broadc. Co, Sapporo |
| 17) | JF | 5 | 3 | Yamanashi Broadc. System, Kofu: 2110-1530 (Fri 1625) |
| 18) | GF | 5 | 3 | Oita Broadc. Sce, Oita |
| 19) | UR | 5 | 1 | Nagasaki Broadc. Co, Nagasaki |
| 20) | DF | 6 | *45 | Iwate Broadc. Co, Morioka |
| 22) | NR | 6 | 10 | Asahi Broadc. Corp, Osaka |
| 23) | MR | 6 | 3 | Hokuriku Broadc. Co, Kanazawa |
| 24) | DX | 8 | *100 | Kansai Telecasting Corp, Osaka: 2100-1630 (or 1730) |
| 26) | ZR | 8 | 1 | Kochi Broadc. Co, Kochi |
| 26a) | OF | 8 | 5 | Okinawa TV Broadc. Co, Naha: 2100-1500 |
| 27) | JY | 9 | *78 | TV Nishinippon Corpo, Fukuoka |
| 27a) | KF | 9 | 10 | Nishi-Nippon Broadc. Co, Takamatsu |
| 28) | AF | 10 | 5 | Nankai Broadc. Co, Matsuyama. |
| 29) | EF | 10 | 56 | Yamagata Broadc. Co, Yamagata: 2100-1530 |
| 30) | NF | 10 | 1 | Miyazaki Broadc. Co, Miyazaki |
| 31) | IX | 10 | 100 | Yomiuri Telecasting Corp, Osaka: 2100-1500 |
| 32) | HF | 10 | 1 | Broadc. System of San In, Yonago |
| 33) | EX | 10 | 50 | Asahi National Broadc. Co, Tokyo |
| 34) | RR | 10 | 100 | Ryukyu Broadc. Co, Naha: 2155-1545 |
| 35) | YR | 11 | 10 | Sanyo Broadc. Co, Okayama |
| 36) | TR | 11 | 5 | Akita Broadc. System, Akita: 2140-1600 |
| 37) | PR | 11 | 3 | Fukui Broadc. Co, Fukui |
| 38) | SR | 11 | 1 | Shinetsu Broadc. Co, Nagano |
| 39) | PF | 11 | 1 | Yamaguchi Broadc. Co, Tokuyama |
| 40) | VR | 11 | *10 | Shizuoka Broadc. System, Shizuoka. |
| 41) | BF | 11 | 1 | Kumamoto Broadc. Co, Kumamoto |
| 42) | PX | 11 | 3 | Fukushima Telecasting Co. |
| 43) | LX | 11 | 10 | Nagoya Broadc. Networks, Nagoya: 2200-1500 |
| 44) | NX | 12 | 10 | Hiroshima Telecasting Co, Hiroshima |
| 45) | TX | 12 | 370 | TV Tokyo channel 12, Tokyo |
| 46) | OX | 12 | 10 | Sendai TV Broadc. Co, Sendai |
| 46a) | BH | 19 | 10 | TV Osaka, Osaka |
| 46b) | QI | 22 | 10 | Kumamoto Kenmin TV Corp: 2145-1545 |
| 46c) | CI | 25 | 10 | Aichi TV Corp, Aichi |

**UHF Commercial Television Stations**
**Call:** JO-TV. All st's with colour facilities (System M).
**D.Prgr:** Approx. 2200-1500 (generally).

| | | | | |
|---|---|---|---|---|
| 47) | BM | 27 | 30 | Hokkaido Culture Broadc. Co, Sapporo |
| 47a) | PI | 29 | 30 | TV Niigata Netw. Co, Niigata: 2130-1634 |
| 47b) | NI | 30 | 10 | TV Shinshu Co, Matsumoto |
| 48) | BL | 30 | 1 | Biawako Broadc. Co, Ohtsu City |
| 48a) | OM | 30 | 1 | Wakayama TV Co, Wakayama |
| 48b) | RM | 31 | 30 | Shin Hiroshima Telecasting Co, Hiroshima |
| 48d) | SX | 31 | 10 | Shizuoka Dauchi TV Co, Shizuoka |
| 48c) | EM | 32 | 30 | Higashi Nippon Broadc. Co, Sendai |
| 48e) | TI | 32 | 10 | Kabushiki Kaisha Kagoshima Broadc. |
| 49) | VH | 33 | 10 | Kabushiki Kaisha, Setonaikai Broadc, Takamatsu |
| 49a) | SI | 33 | 10 | Shizuoka Kenmin TV Co, Shizuoka |
| 50) | VI | 33 | 30 | Fukushima Central TV Co. |
| 51) | MH | 33 | *81 | Mie TV Broadcasting Co, Tsu |
| 52) | BR | 34 | 10 | Kinki Broadc. Syst. Co, Kyoto |
| 53) | TH | 34 | 10 | Toyama TV Broadc. Co, Toyama |
| 54) | MM | 34 | 30 | Miyagi TV Broadcasting Co, Sendai |
| 55) | MI | 34 | *69 | San-In Chuo TV Broadc. Co. Ltd, Matsue |
| 56) | ZH | 34 | 10 | Kabushi-Kaisha TV, Kumamoto: 2100-1630 |
| 57) | OH | 35 | *69 | Okayama Broadc. Co, Okayama: 2130-1600 |
| 58) | GM | 35 | 30 | Hiroshima Home TV Co, Hiroshima |
| 59) | DI | 35 | 10 | TV Miyazaki Co, Miyazaki |
| 60) | CH | 35 | 360 | Chukyo TV Broadc. Co, Nagoya: 2115-1615 (approx.) |
| 61) | QH | 35 | 100 | Shizuoka Telecasting Co, Shizuoka |
| 62) | NH | 35 | 30 | Niigata Sogo TV Co, Niigata |
| 63) | II | 35 | 10 | TV Iwate Co, Morioka |
| 63a) | JI | 35 | 30 | Fukushima Broadc. Co, Koriyama |
| 64) | HH | 35 | *310 | Hokkaido TV Broadc. Co, Sapporo: 2145-1530 |
| 65) | OI | 36 | 10 | TV Oita System Co, Oita |
| 66) | SH | 36 | *35 | Saga TV System, Saga |
| 67) | UH | 36 | *36 | Sun Television Co, Kobe |
| 68) | ZF | 37 | 5 | Gifu Broadc. System, Gifu |
| 69) | EI | 37 | *100 | Ehime Broadc. Co, Matsuyama: 2150-1530 |
| 70) | FH | 37 | 30 | Fukuoka Broadc. Syst, Fukuoka |
| 71) | WH | 37 | 10 | TV Nagasaki Co, Nagasaki |
| 72) | IH | 37 | 10 | Ishikawa TV Broadc. Corp, Kanazawa |
| 73) | BI | 37 | *130 | Akita TV Co, Akita: 2100-1600 |
| 74) | GI | 37 | 10 | TV Yamanashi Co, Kofu |

| | Call | ch | kW | Name, location and h. of tr. |
|---|---|---|---|---|
| 75) | KH | 38 | 10 | Kagoshima TV Station, Kagoshima |
| 76) | LI | 38 | 10 | TV Yamaguchi Co, Yamaguchi |
| 77) | RI | 38 | 10 | Kochi TV Co, Kochi |
| 78) | AI | 38 | 10 | Aomori TV Co, Aomori |
| 79) | YI | 38 | 10 | Yamagata TV Station, Yamagata |
| 80) | LH | 38 | 10 | Nagano Broadc. System, Nagano |
| 80a) | US | 38 | 5 | TV Saitama Co, Urawa |
| 81) | FI | 39 | 10 | Fukui TV Broadc. Corp, Fukui |
| 82) | KM | 42 | 10 | Television Kanagawa Co, Yokohama |
| 83) | CL | 46 | 5 | Chiba TV Broadc. Corp, Chiba |
| 84) | ML | 48 | 1 | Gunma TV Co, Maebashi. |
| 85) | NM | 55 | 1 | Nara Television Co, Nara: 0000 (Fri/Sat 0400, Sun 0800)-1400. |

**Addresses and other information** (number of repeaters in brackets):

1) North 1, West 5, Chuo-ku, Sapporo. **Te:** 011-231-8181 — Pres: K. Tomihara. Dir. Tec: T. Satoh (6 relay st's + 135 repeaters).
2) 1-14-27 Higashizakura, Higashi-ku, Nagoya.
3) 26-1, Kasumi-cho, Yagiyama, Sendai.
4) 10/18 Ushijima, Toyama — St. Mgr: R. Yokoyama; Dir. Tec: S. Takamatsu; Film Buyer: K. Iguchi.
5) 1-34, 1-chome, Nagahama, Fukuoka 810 — Pres: J. Yawata; Dir. Tec: K. Suzuki; Film Buyer: O. Hirata (8).
6) 5-25, Koraichi, Kagoshima.
7) 6, 1-chome, Saiwaicho, Tokushima.
8) 72 Fukuda, Matsumoro, Aomori City.
9) 102, 3-chome, Honmachi, Tottori.
11) 4-1-10, Watanabe-Dori, Chuo-ku, Fukuoka — St. Mgr: K. Kurono. Dir. Tec: H. Hideshima.
12) 1-1-16, Dojima, Kita-ku, Osaka 530 — Pres: K. Tagaki. Dir. Tec: T. Fukuda. Film Buyer: I. Tsuji. (115).
13) 21-3, Moto-machi, Hiroshima — St. Mgr: M. Yamamoto. Dir. Tec: K. Kosaki (+ 89).
14) 4-15 Shinsakae-machi, Naka-ku, Nagoya.
15) 3-18, Kawagishicho, Niigata — Pres: S. Shimizu.
16) North 1 West 8-1-1, Chuo-ku, Sapporo.
17) 2-6-10, Kitaguchi, Kofu — St. Mgr: S. Kobayashi. Dir. Tec: S. Yonaga. Film Buyer: A. Hosoda.
18) 13-15-5, Imazuru, Oita.
19) 1-35, Uwamachi, Nagasaki 850 — Pres: Y. Suzuki. Dir. Tec: M. Ogoh (24).
20) 6-1, Shikecho, Morioka Iwata 020 — Gen. Mgr: T. Ohta. St. Mgr: S. Takahasi. Dir. Tec: S. Yamamoto (42).
22) 2, 2-chome, Minami, Oyodo-ku, Osaka.
23) 3-2-1 Honda-machi, Kanazawa.
24) 5-17 chome, Nishitemma, Kita-ku, Osaka 530 — Pres: O. Yamaguchi. Dir. Tec: K. Kuwabara. Prgr. Dir: N. Makihate (171).
25) 7, Ichigaya Kawada-cho, Sinjuku-ku, Tokyo 162 — Pres: Y. Asano. Dir. Tec: Y. Kono. Film Buyer: K. Murayama (59).
26) 3-2-15 Honmachi, Kochi.
26a) 2-32-1, Kume, Naha City.
27) 4-20-23 Takamiya Minamiku, Fukuoka 815 — St. Mgr: M. Hisano. Dir. Tec: J.I. Tsukazaki. Film Buyer: N. Shimohonzi (41).
27a) 8-15 Marunouchi, Takamatsu.
28) 6-24, Dogohimata, Matsuyama.
29) 5, 2-chome, Hatagomachi, Yamagata — St. Mgr: Y. Hattori. Dir. Tec: S. Kojima (34).
30) 858, Shimo-Kitakatamachi, Miyazaki.
31) 1-8-2, Higashi-tenma, Kitaku, Osaka — St. Mgr: Y. Ayoma. Dir. Tec: O. Okamoto. Film Buyer: Y. Sugitani.
32) 423 Nishi-Fukuhara, Yonago.
34) 2-3-1, Kumojicho, Naha City — Pres. & St. Mgr: T. Toma. Dir. Tec: H. Shiroma. Film Buyer: K. Owan (4).
35) 2-1-3, Marunouchi, Okayama.
36) 7-4-2 Sanno, Akita City — Gen. Mgr: H. Kudo. St. Mgr: M. Ooba. Dir. Tec: T. Watanabe.
37) 3-4-1, Otemachi, Fukui.
38) 1-21-24, Yoshidamachi, Nagano.
39) Koenku, Tokuyama.
40) 3-1-1, Toro, Shizuoka 422 — Pres: M. Oishi. Dir. Tec: Y. Katsuse (50).
41) 30 Yamasakimachi, Kumamoto.
42) 2-5, Oyama-cho, Fukushima.
43) 2-9-18, Tachibana, Nakaku, Nagoya.
44) 6-4, Nakamachi, Hiroshima.
45) 4-7, Shiba-park, 4-chome, Minato-ku, Tokyo — Pres: S. Nakagawa. Dir. Tec: K. Maeda. Film Buyer: T. Kuramasu (13).
46) 51 Aza-Mogasaki, Nagamachi, Sendai 982 — Pres: Y. Shimura. Dir. Tec: T. Kuroda (27).
46a) 2-2, Maeno-cho, Kyobashi, Higashi-ku, Osaka.
46b) 7 Yoyasumachi, Kumamoto — St. Mgr: T. Tagawa. Dir. Tec: A. Konose. Film Buyer: T. Maruyama (+ 11 relay st's).
46c) 3-3-6, Nishiki, Naka-ku, Nagoya — Pres: H. Kurokawa.
47) 14-1-5, Nishi, Kita-Ichijo, Sapporo (9).
47a) 1-11, Shinko-cho, Niigata — St. Mgr: H. Jodariki. Dir. Tec: F. Kurita. Film Buyer: D. Murakami (28).
47b) 4-18, Marunouchi, Matsumoto.
48) 66-1, Tsurunosato, Ohtsu City.
48a) 151, Sakaedani, Wakayama.
48b) 2-3-19, Deshio, Hiroshima.
48c) 2-50-2, Yesugi, Sendai.
48d) 563, Nakahara, Shizuoka.
48e) 2-5-12 Yojiro, Kagoshima — Pres: T. Hombo.
49) 1-5-20, Saihocho, Takamatsu 760.
49a) 13, Shichiken-cho, Shizuoka.
50) 13-23, Ikenodai, Kooriyama, Fukushima 963.
51) 693, Shibumicho, Tsu City, Mie Pref. 514 — St. Mgr: M. Fujihara. Dir. Tec: K. Adachi. Film Buyer: R. Nakatsu (32).
52) Karasuma-Ebjsugawa-agaru, Nakagyoku, Kyoto 604.
53) 828, Nezukamachi, Toyama 930.
54) 1-5-33, Hinode-cho, Sendai, Miyagi 983.
55) 721, Nishikawatsu-cho, Matsue, Shimane 690 — St. Mgr: T. Tanabe. Dir. Tec: K. Katsube. Film Buyer: Y. Uchida (42).
56) 440, Tokuo Hokubumachi, Hotaku gun, Kumamoto — St. Mgr: T. Kawatsu. Dir. Tec: H. Maruyama. Film Buyer: H. Iwata (45).
57) 3-2-1, Gakunancho, Okayama 700 — Pres: R. Okazaki. Dir. & Gen. Mgr: A. Araki. Film Buyer: S. Tada (42).
58) 19-2, Hakushima Kitamichi, Hiroshima City 730 — St. Mgr: M. Miyata. Dir. Tec: M. Nenohi. Film Buyer: C. Nakamichi (15).
59) 2-78, Gion-cho, Miyazaki 880.
60) 154, Takamine-cho, Showa-ku, Nagoya, Aichi 466. — St. Mgr: T. Ihikawa. Dir. Tec: A. Yokoyama. Film Buyer: T. Okamoto (49).
61) 198, Kurihara, Shizuoka 422. — St. Mgr: R. Kodama. Dir. Tec: S. Yokata (34).
62) 1134-93, Kamitokorojima, Niigata 950.
63) 2-23-20, Chabatake, Morioka, Iwate 020.
63a) 4-3-6, Kuwano, Koriyama.
64) 4-13, Hiragishi, Toyohira-ku, Sapporo, Hokkaido 062 — St. Mgr: Y. Kobayashi. Dir. Tec: J. Seino. Film Buyer: M. Takahashi (42).
65) 6-22, Higashikasuga-cho, Oita 870.
66) 1-6-10, Joonai, Saga 840 — St. Mgr: H. Yamasaki. Dir. Tec: T. Ishibashi (5).
67) 2-1-10, Ichibancho, Nagata-ku, Kobe 653 — St. Mgr: K. Mitsuda. Dir. Tec: T. Kagiyama. Film Buyer: H. Utsumi (43).
68) 9, Imakomachi, Gifu 500.
69) 119, Masagocho, Matsuyama, Ehime 790 — St. Mgr: H. Sasaki. Dir. Tec: S. Makino. Film Buyer: S. Kogami (65).
70) 13-1, Chikukohonmachi, Fukuoka 812.
71) 1-7, Kanayachi, Nagasaki 850.
72) 18, Kannondocho, Kanazawa 920-03.
73) 3-2-14 Yabase Honcho, Akita 010 — St. Mgr: M. Nakayasu. Dir. Tec: T. Taguchi. Film Buyer: A. Sato (42).
74) 2-9-8, Yuda, Kofu 400 — St. Mgr: K. Kazama. Dir. Tec: H. Fukunaga. Film Buyer: S. Tatsushige.
75) 6-15-8, Murasakihara, Kagoshima 890.
76) 1277, Oouchi, Mihori, Yamaguchi 747-13.
77) 3-4-27 Kita-Honmachi, Kochi 780.
78) 94, Fukuda, Matsumori, Aomori 030.
79) 5-8-1, Shironishi-machi, Yamagata 990.
80) 131-7, Okada-cho, Nagano 380.
80a) 6-36-4, Tokiwa, Urawa.
81) 11, Wadanaka-machi, Fukui 910.
82) 69-1 Yamashita-cho, Naka-ku, Yokohama 231 — St. Mgr: E. Sugai. Dir. Tec: A. Sato. Film Buyers: M. Aoshima, K. Iwaya.
83) 688 Miyakocho, Chiba 280.
84) 120, Kamikoidemashi, Maebashi 371 — St. Mgr: M. Sekine. Dir. Tec: Y. Nakajima. Film Buyer: I. Hagiwara (3).
85) 1-1699 Horen-cho, Nara City — Pres: I. Saeki. St. Mgr: K. Mitsuda. Dir. Tec: O. Sekiya. Film Buyer: S. Sawatari (8).

## ARMED FORCES RADIO & TV SERVICE

**Stations:** Misawa ch66 1kW, Iwakuni ch66 0.4kW — Philippines: Olongapo ch14 1kW, Angeles City ch17 1kW, San Miguel ch40 0.1kW.

**Addr:** (Misawa) OLAA, AFPBS, APO San Francisco 96519 — (Iwakuni) OLAB, AFPBS, FPO Seattle 98764 — (Philippines) Det

1, AFPBS, APO San Francisco 96274 — (Okinawa) Det 2, AFPBS, APO San Francisco 96239 — (Guam) OLAC, AFPBS, APO San Francisco 96334 — (Tokyo) AFPBS, APO San Francisco 96238 — (Sasebo) OLAD, AFPBS, FPO Seattle 98776.

## KAMPUCHEA

**TV-sets:** 51.000 — **System:** M.

### VOICE OF THE KAMPUCHEAN PEOPLE (Gov.)

**Addr:** Phnom Penh.
**Stations:** Phnom Penh chA8 40/8kW H, Bokor chA11 0.8/0.2kW (rel.)
No recent information available.

## KOREA (Dem. Rep.)

**TV-sets:** unknown — **System:** D.
A st. in Pyongyang is reported offset on R2 (59.10/65.60MHz) with colour transmissions (PAL) daily at 1000-1430 and longer at weekends.
At least one other TV station is known active.
No further details available.

## KOREA (Rep.)

**TV-sets:** 7.650.000 (incl. 2.800.000 colour sets) — **Colour:** NTSC — **System:** M.

### KOREAN BROADCASTING SYSTEM—TV (Publicly owned)

**Addr:** see radio.
**Stations:** I = Prgr. 1; II = Prgr. 2; III = Prgr. 3 (Educational).

| Location | ch | kW | Prgr | Location | ch | kW | Prgr |
|---|---|---|---|---|---|---|---|
| Chinju | 3 | 1 | I | Ulsan | 21 | 10 | III |
| Chŭn'an | 4 | 1 | I | Chŭngju | 21 | 30 | III |
| Taejŏn | 4 | 1 | I | Chŭnchŏn | 22 | 30 | II |
| Yŏsu | 4 | 10 | I | Kurye | 22 | 10 | III |
| Seoul | 5 | 10 | I | Andong | 23 | 10 | II |
| Ulsan | 5 | 2 | I | Yŏsu | 23 | 30 | II |
| Kŭrye | 5 | 1 | I | Pusan | 24 | 30 | III |
| Taejŏn | 6 | 10 | I | Chŭngju | 24 | 5 | II |
| Masan | 6 | 7 | I | Hwangji | 25 | 10 | III |
| Chŭnchŏn | 6 | 1 | II | Kwangju | 25 | 30 | II |
| Kangnŭng | 6 | 10 | II | Pŏhang | 26 | 10 | III |
| Cheju | 6 | 5 | I | Sŏguipo | 26 | 1 | III |
| Seoul | 7 | 50 | II | Chinju | 27 | 5 | II |
| Hwangji | 7 | 1 | I | Chŭnan | 27 | 10 | III |
| Chŏnju | 7 | 10 | I | Ulsan | 27 | 10 | II |
| Pusan | 7 | 10 | II | Chŭnchŏn | 28 | 30 | III |
| Taegu | 8 | 10 | I | Kangnung | 28 | 1 | III |
| Chŭnchŏn | 8 | 10 | I | Sŏsan | 29 | 5 | III |
| Seoul | 9 | 50 | I | Andong | 29 | 10 | III |
| Pusan | 9 | 10 | I | Yŏsu | 30 | 30 | III |
| Kangnŭng | 9 | 10 | I | Chŭngju | 30 | 10 | II |
| Sŏguipo | 9 | 1 | I | Wŏnju | 31 | 10 | II |
| Wŏnju | 10 | 1 | I | Seoul | 34 | 10 | III |
| Cheju | 10 | 5 | II | Kangnung | 34 | 1 | III |
| Chŭngju | 10 | 1 | I | Chinju | 36 | 5 | III |
| Chinju | 10 | 2 | I | Hwangji | 37 | 5 | II |
| Kwangju | 11 | 10 | I | Seoul | 37 | 10 | II |
| Wŏnju | 11 | 1 | I | Taegu | 38 | 30 | II |
| Bonghwa | 11 | 1 | I | Taejeon | 39 | 30 | III |
| Chŭngju | 12 | 1 | I | Masan | 39 | 30 | III |
| Andong | 12 | 1 | I | Wŏnju | 40 | 10 | III |
| Sŏsan | 12 | 1 | I | Taejeon | 42 | 10 | II |
| Pŏhang | 13 | 1 | I | Chinju | 42 | 5 | II |
| Yangpyung | 13 | 10 | I | Seoul | 43 | 30 | III |
| Sŏguipo | 13 | 1 | II | Taegu | 44 | 30 | III |
| Chŏnju | 13 | 1 | II | Chŏnju | 45 | 30 | III |
| Kwangju | 19 | 30 | III | Masan | 45 | 30 | II |
| Kangnŭng | 19 | 10 | III | Bonghwa | 47 | 5 | III |
| Cheju | 20 | 10 | III | Taejeon | 48 | 1 | II |
| Pohang | 20 | 10 | II | Taejeon | 54 | 5 | III |

+ 420 low power relay st's not mentioned.
**D.Prgr:** 1st Prgr: W 2030-0100, 0830 (Sat 0400)-1500; Sun 2030-1500; 2nd Prgr: W 2100-0100, 0830 (Sat 0400)-1500; Sun 2030-1500. 3rd Prgr: W 0830-1430; Sat 0700-1500; Sun 2200-1500.
**ALF:** Won 9.600,- (Won 30.000 for colour sets).

### MUNHWA TV-RADIO BROADC. CORPO. (Comm. & Public Corpo.)

**Addr:** 22 Jung-dong, Sudaemoon-ku, Seoul. **Te:** 706151.

| Stations: | ch | kW | | | |
|---|---|---|---|---|---|
| Andong | 5 | 1 | Pusan | 11 | 10 |
| Pohang | 6 | 1 | Sŏgŭip'o[2)] | 11 | 1 |
| Cheju | 7 | 5 | Masan | 13 | 5 |
| Mokp'o | 7 | 0.5 | Samch'ŏk | 22 | 5 |
| Sunch'on[1)] | 7 | 0.5 | Yŏsu | 28 | 2 |
| Taejon | 8 | 5 | Kangnŭng | 31 | 10 |
| Chinju | 8 | 1 | Ulsan | 33 | 10 |
| Kwangju | 9 | 10 | Ch'ŏngju | 33 | 5 |
| Taegu | 10 | 5 | Wŏnju | 34 | 10 |
| Chŏnju | 10 | 5 | Ch'ŭngju | 36 | 10 |
| Ch'unch'on | 10 | 1 | Taebaek[3)] | 43 | 5 |
| Seoul* | 11 | 50 | Kamak[4)] | 48 | 5 |

*) Key st; 1) rel. Yŏsu; 2) rel. Cheju; 3) rel. Samch'ŏk; 4) rel. Masan.

## LAOS

**TV-sets:** 30.000 (incl. 4.000 colour sets) — **Colour:** PAL — **System:** M.

### LAO NATIONAL TV (Gov.)

**Addr:** B.P. 310, Vientiane. **Te:** 4475.
**L.P:** See radio.
**Stations:** ch8 0.1kW, ch10 10w.
**D.Prgrs:** ch8 (colour) 1330-1500; ch10 1130-1300.

## MACAU

### TELEDIFUSÃO DE MACAU (TDM-Gov.)

**Addr:** Rua Abreu Nunes, Edif. "Ho Lan Yuen", 13°AB, Macau.
**Te:** 550129.
**L.P:** Adm: Dr. A. Martins. Dir.Tec: A. Vidal.
**Stations:** ch29 1.6kW H (+ 3 low power repeaters of 10W each).
**D.Prgr:** 1100-1500 in Cantonese, Portuguese & English.

## MALAYSIA (Federation of)

**Peninsular Malaysia**

**TV-sets:** 1.042.000 (incl. 290.000 colour sets) — **Colour:** PAL — **System:** B.

### RADIO TELEVISION MALAYSIA (Gov.)

**Addr:** Dept. of Broadc. Angkasapuri, Kuala Lumpur 22-10.
**Te:** (03) 202366. **Cable:** Tivimalsia, Kuala Lumpur. **Telex:** MA 31383 Kuala Lumpur.
**L.P:** See radio.

| | Network I | | Network II | |
|---|---|---|---|---|
| Location | ch | kW(ERP) | ch | kW(ERP) |
| Genting Sempah | 2 | 112 | 10 | 112 |
| Cameron Highlands | 2 | 5 | 4 | 5 |
| Johor Baru/Gunong Pulai | 3 | 38 | 10 | 142.5 |
| Mt. Ophir | 4 | 145 | 7 | 72.5 |
| Kuala Lumpur | 5 | 100 | 8 | 100 |
| Kedah | 5 | 100 | 8 | 100 |
| Kuantan | 5 | 127 | 8 | 127 |
| Kuala Pilah | 5 | 7.95 | 8 | 7.95 |
| Kuala Lipis | 5 | 20 | 8 | 20 |
| Mersing | 6 | 100 | 9 | 100 |
| Ipoh | 6 | 190 | 9 | 190 |
| Melaka | 6 | 185 | 9 | 185 |
| Kelantan | 6 | 250 | 9 | 250 |

**D.Prgr:** Netw. I: Mon-Wed 0900-1530, Thurs-Sun 0700-1630. Netw. II: 0930 (Sat 0800)-1500.
**ALF:** M$24.00 (TV & radio combined).

## SABAH AND SARAWAK

(East Malaysia)

**TV-sets:** Sabah 75.900 (incl. 12.000 colour sets); Sarawak 46.500 (incl. 13.000 colour sets) — **Colour:** PAL — **System:** B.

### TV MALAYSIA NETWORK 3 SABAH AND SARAWAK (Gov.)

**Addr:** P.O. Box 1016, Kota Kinabalu. **Te:** (088)52711. **Cable:** Broadcasts, Sabah. **Telex:** MA 80061 Kota Kinabalu.
**L.P:** See radio.
**Stations:** Pol = H.

| Location | chE | kW(ERP) | Location | chE | kW(ERP) |
|---|---|---|---|---|---|
| Sipitang | 3 | 13.6 | Mandau, KK | 10 | 100 |
| Lahad Datu | 7 | 100 | Limbang | 2 | 13 |
| Sandakan | 8 | 100 | Sibu | 8 | 100 |
| Tawau | 9 | 33 | Bintulu | 9 | 25 |
| Tambunan/ | | | Simangang | 9 | 120 |
| Keningau | 9 | 36 | Miri | 10 | 55 |
| Kudat | 9 | 100 | Kuching | 10 | 220 |

**D.Prgrs:** Mon-Wed 1030-1630, Thurs-Sun 0800-1700.
**ALF:** M$24.00.

### SISTEM TELEVISYEN MALAYSIA BERHAD (TV3) (Comm.)

**Addr:** 26th Floor, Pernas Bldg, Jalan Raja Lant, Kuala Lumpur. **Te:** 936011.
**L.P:** Gen. Mgr: Md. Noor Salleh. Dir. Tec: M.J. Md. Daud. Film Buyer: A. Merican.
**Stations:** Kuala Lumpur ch12 124/25kW H.
**D. Prgrs:** 0900-1600 (covering Kuala Lumpur only).
**F. PL:** Operation to cover No. & So. Peninsular Malaysia.

## MALDIVES (Rep. of)

**TV-sets:** 1.525 (incl. 400 colour sets) — **Colour:** PAL. **System:** B.

### TV MALDIVES (Gov.)

**Addr:** Malé — **L.P:** St. Mgr: Ali Ibrahim. Dep. Dir: H. Shirab.
**Station:** ch7 10/1kW.
**D.Prgr:** 1400-1545.
**ALF:** M. Rupees 18,-.

## MONGOLIA

**TV-sets:** 57.000 — **Colour:** SECAM — **System:** D.

### MONGOLIAN TV CENTRE

**Addr:** Ulan Bator.
**L.P:** Dir. Gen: M. Jargal. Dir. TV: M. Choijil.
**Stations:** chR2 20kW, chR4 0.5kW.
+ relay tr's (0.5kW each) in all 18 provincial centres.
**D.Prgrs:** chR2 0700-1600 (incl. relays of Moscow 1st Central TV). chR4: relays of Moscow TV only. Also via Orbit st. D 0100-1600. Most provincial st's carry only TSS-1 prgr. from Moscow.
**ALF:** Tugriks 120,-.

## NEPAL

A TV-sce is planned, covering the Kathmandu valley, comprising Kathmandu, Bhaktapur and Lalitpur.

## PAKISTAN

**TV-sets:** 1.005.000 (incl. 101.000 colour sets) — **Colour:** PAL. **System:** B.

### PAKISTAN TELEVISION CORPORATION LTD. (Public Ltd. Co.)

**Addr:** P.O. Box 1221, Islamabad. **Te:** 22190. **Cable:** Pakteevee. **Telex:** RP 5833.
**L.P:** Man. Dir: Zia Nisar Ahmad. Dir. Prgr. Adm: Fazal Kamaal. Dir. Tec: N. Ahmad Warraich.
**Stations:** (Prgr. Centres at Lahore, Karachi, Peshawar, Quetta and Rawalpindi).

| | ch | kW | | ch | kW |
|---|---|---|---|---|---|
| Karachi | 4 | 60 | Sibi | 6 | 6 |
| Sakesar | 4 | 114 | Muree | 8 | 180 |
| Lahore | 5 | 100 | Shikapur | 8 | 213 |
| Nurpur | 5 | 170 | Shujabad | 8 | 178 |
| Quetta | 6 | 30 | Thana Bula Khan | 9 | 205 |
| Thandiani | 6 | 5 | Cherat | 10 | 171 |
| Faisalabad | 6 | 20 | Sahiwal | 10 | 227 |
| Razmak | 6 | 0.25 | J. din Wali | 10 | 200 |

**D.Prgr:** 1130 (Fri 1030)-1830 (approx).
**ALF:** Rs 200, — for domestic use, Rs 400, — for commercial use.

## PHILIPPINES (Rep. of the)

**TV-sets:** 1.000.000 (incl. 110.000 colour sets) — **Colour:** NTSC. **System:** M.

### TELECOMMUNICATIONS CONTROL BUREAU

(Department of Public Works, Transportation and Communication). For full particulars, see Philippines entry in Radio section.
**Stations** °) colour, C = City.
(No recent information received).

| Call | chA | kW | Location |
|---|---|---|---|
| 1) DYHB-TV | 2 | 8/2 | Bacolod C. |
| 2) DWWX-TV | 2 | 167/35 | Quezon C. |
| 5) DXRV-TV | 2 | 1/0.25 | Iligan C. |
| 8) DXLL-TV | 3 | 2/0.4 | Zamboanga C. |
| 2) DYDY-TV | 3 | 300/60 | Cebu C. |
| 2) DYBW-TV | 3 | 40/8 | Baguio C. |
| 2) DYBQ-TV | 4 | 300/60° | Bacolod C. |
| 6) DXKT-TV | 4 | 55/11° | Davao C. |
| 2) DGTV-TV | 4 | 316/63° | Quezon C. |
| 6)— | 5 | 55/11° | Cagayan de Oro C. |
| 6)— | 5 | 55/11° | Zamboanga C. |
| 1) DYHT-TV | 6 | 6/12 | Tacloban C. |
| 5) DYU-TV | 6 | 1/0.25 | Bacolod C. |
| 1) DWHB-TV | 6 | 6/1.25 | Baguio C. |
| 5) DYSS-TV | 7 | 5/1 | Cebu C. |
| 5) DXSS-TV | 7 | 1/0.25 | Davao C. |
| 5) DZBB-TV | 7 | 250/50 | Quezon C. |
| 6) DYKB-TV | 8 | 55/11° | Bacolod C. |
| 9) DXLA-TV | 9 | 1/0.2 | Zamboanga C. |
| 6) DZKB-TV | 9 | 275/55 | Quezon C. |
| 6) DYKC-TV | 9 | 55/11° | Cebu C. |
| 7) DYAF-TV | 10 | 5/1 | Murcia |
| 1) DXCC-TV | 10 | 50/10 | Cayagan de Oro C. |
| 5) DYAF-TV | 10 | 5/1° | Bacolod C. |
| 5) DZB-TV | 10 | 4/1 | Baguio C. |
| 6) DXKI-TV | 10 | 55/11° | Iriga C. |
| 5) DZB-TV | 12 | 1/0.25 | Batangas |
| 1) DYHC-TV | 12 | 6/1.2 | Roxas C. |
| 1) DYTV-TV | 13 | 50/10 | Cebu C. |
| 1) DXTV-TV | 13 | 20/4 | Davao C. |
| 1) DZTV-TV | 13 | 300/600° | San Juan |
| 1) DZHN-TV | 13 | 6/1.2 | Naga C. |

1) Intercontinental Broadc. Corp, Capital Hills, Diliman, Quezon City. **Te:** 97-61-37. 0900-1600.
2) Maharlika Broadc. System, Bohol Ave, Quezon City — Dir: R.T. Reyes. Dir. Tec: F. Morales. 2230-1630.
5) Republic Broadc. System, Epifanio de los Santos Ave, Diliman, Quezon City. **Te:** 977661 — Pres: M.R. Jimenez. Vice Pres. Engineering: M.A. Elizan. 0200-1700 (+ 15 relay st's).
6) R. Philippine Netw, Broadcast City, Capitol Hills, Quezon City — St. Mgr: F. Medina Jr. Dir. Tec: A. Soriano. Film Buyer: Ms. K. Benedicto. 2230-1800 (on ch9 Manila) (+ 20 relay st's).
7) Catholic Welfare Organization, 2307 Herran Str, St. Ana, Manila. **Te:** 56-48-28.
8) Zamboanga TV Corp, 17 Melantic Str, San Lorenzo Village, Makati, Metro Manila. **Te:** 88-56-91. 0400-0530, 0900-1600.
9) First United Broadc. Corp, 2587 Tafte Ave, Manila. **Te:** 59-02-72. 0300-0500, 0900-1600.

### FAR EAST NETWORK PHILIPPINES (FEN-P)

(for full particulars, see listings under Japan).

## SINGAPORE

**TV-sets:** 471.540 (incl. 421.268 colour sets) — **Colour:** PAL
**System:** B.

### TELEVISION SINGAPORE (operated by the SBC)

**Addr:** P.O. Box 1902, Singapore 9038.
**L.P:** Dir. of Prgrs: Mrs. M. Liew.
**Stations:** Singapore chE5/chE8/chE12 120kW.
**D.Prgr:** chE5: Mon-Fri 0700-1600; Sat 0500-1700; Sun 0100-1600; chE8: Mon-Fri 1000-1500; Sat & Sun 0700-1530; chE12: Daily 1200-1400.
**ALF:** S$36,-(monochrome), S$80,-(colour).

## SRI LANKA

**TV-sets:** 51.000 — **Colour:** PAL — **System:** B.

### INDEPENDENT TELEVISION NETWORK (ITN)

**Addr:** P.O. Box 574, Colombo 7.
**Station:** Wickramasinghapura ch12 7kW (ERP).
**D.Prgr:** 1230-1700 (approx).

### SRI LANKA RUPAVAHINI CORPO.

**Addr:** Independence Square, Colombo 7. **Te:** 580137.
**Cable:** Rupavahini.
**L.P:** Dir. Gen: Dr. A. Goonasekera. Dep. Dir. Gen. Eng: R. T. Wijemanne. Dir. of Prgrs: Mrs. G. Rathinam.
**Stations:** Pidurutalagala ch5 225kW(ERP), Kokaville ch8 20kW, Kandy ch10 0.1kW.
**D.Prgrs:** 1230-1630 (approx.).
**ALF:** Rs 150,- (Colour: Rs 250,-).

## THAILAND

**TV-sets:** 3.000.000 (incl. 600.000 colour sets) — **Colour:** PAL
**System:** B.

### TELEVISION OF THAILAND (Gov.)

**Addr:** Public Rel. Dept., Bangkok.
**Stations:** Lampang ch8 10/2kW, Khon Kaen ch4 6/3.15kW (+ 15 relay sts), Surat Thani ch7 10/2kW (+ 1 relay st), Phuket ch9 300/60kW, Songkhla ch10 10/2kW (+ 7 relay sts).
**D.Prgr's:** ch8: 1020 (Sat/Sun 0230)-1600; ch4: 1000 (Sat/Sun 0200)-1600; ch7: 1000 (Sat/Sun 0800)-1530; ch9: 1000-1530; ch10: 1005 (Sat/Sun 0200)-1630.

### BANGKOK ENTERTAINMENT CO. Ltd.

(Licensed through Mass Communications Organisation of Thailand).
**Addr:** 2259 New Phetchaburi Rd, Bangkok 10310.
**Te:** 314-42314. **Cable:** Bangertain.
**L.P:** Asst. Dir. Prgrs: Andrea Calin.
**Stations:** Bangkok ch3 50/10kW.
**D.Prgr:** Mon-Fri 0900-1130, 1300-1700; Sat/Sun 0100-0900, 1300-1700.

### THE ARMY TELEVISION HSA-TV (Gov, Comm.)

**Addr:** Phaholyothin Rd, Bangkok. **Te:** 70428.
**Stations:** Bangkok ch5 20/4kW, N. Rajchasima ch8 20/4kW, N. Savan ch8 20/4kW.
**D.Prgr:** 1050 (Sat/Sun 0130)-1600.

### BANGKOK BROADCASTING & TV CO. LTD. (Comm.)

**Addr:** 998/1 Phaholyothin Rd, Bangkok. **Te:** 2781255.
**Cable:** Bebetevee. **Telex:** 82730 BBTV TH.
**Stations:** Bangkok ch7, Ubon ch7, Chiangmai ch7, Sukkothai ch5, Khon-Khaen ch5, N. Ratchasima ch12, Rayong ch8, Ranong ch7, Surat-Thani ch11, Phuket ch7, Songkhla ch6 (all 10/1kW).
**D.Prgr:** 0900 (Sat/Sun 0100)-1700.

**For technical details of transmission systems and operating frequencies, we refer you to the first two pages of the TV section.**

## VIETNAM

## (Socialist Rep. of)

**TV-sets:** Exact figure not known, but at least 2.250.000.
**System:** M.

### VIETNAMESE CENTRAL TELEVISION (Gov.)

**Addr:** Giang Vo, Hanoi.
**L.P:** Dir: Le Quy.
No further details available.

### VIETNAMESE CENTRAL TELEVISION (Gov.)

**Addr:** 9 Hong Thap Tu Street, Ho Chi Minh City.
**Stations:** Ho Chi Minh City ch9 240kW(ERP); Hue, Cantho & Quinhon (all ch7); Da Nang (ch13).
**D.Prgr:** ch9: 1130 (Sat/Sun 0500)-1600; ch13: 1200-1500.

# PACIFIC

## AUSTRALIA

**TV-sets:** 5.904.000 (incl. 4.325.000 colour sets) — **Colour:** PAL.
**System:** B.

### AUSTRALIAN BROADCASTING CORPORATION (ABC)

National Television is controlled by the Australian Broadcasting Corporation, which is responsible to Parliament through the Minister for Communications.
**Addr:** Box 487, GPO, Sydney 2001 — **L.P:** See radio.
**Stations:** *) Metropolitan; **) Regional. **Note:** Audio powers are 1/10 of Vision powers.

| Call | ch | kW (ERP) | Pol. | Location |
|---|---|---|---|---|
| **Australian Capital Territory** | | | | |
| ABC** | 3 | 100 | V | Canberra |
| **New South Wales** | | | | |
| ABMN** | 0 | 100 | H | Wagga Wagga |
| ABTN** | 1 | 100 | V | Taree |
| ABCN** | 1 | 100 | V | Orange |
| ABN** | 2 | 100 | H | Sydney |
| ABDN** | 2 | 100 | H | Grafton/Kempsey |
| ABLN** | 2 | 5 | V | Broken Hill |
| ABHN** | 5A | 100 | H | Newcastle |
| ABQN** | 5 | 100 | V | Dubbo |
| ABWN** | 5A | 100 | H | Wollongong |
| ABRN** | 6 | 100 | H | Lismore |
| ABUN** | 7 | 100 | H | Tamworth |
| ABGN** | 7 | 100 | H | Griffith |
| ABSN** | 8 | 100 | V | Bega-Cooma |
| **Victoria** | | | | |
| ABEV** | 1 | 100 | V | Bendigo |
| ABAV** | 1 | 100 | H | Albury |
| ABV* | 2 | 100 | H | Melbourne |
| ABSV** | 2 | 100 | V | Swan Hill |
| ABRV** | 3 | 100 | H | Ballarat |
| ABGV** | 3 | 100 | V | Shepparton |
| ABLV** | 4 | 100 | H | Taralgon |
| ABMV** | 4 | 100 | H | Mildura |
| ABWV | 5A | 100 | H | Mt. Dundas |
| **Queensland** | | | | |
| ABSQ** | 1 | 100 | H | Warwick |
| ABQ* | 2 | 100 | H | Brisbane |
| ABDQ** | 3 | 100 | H | Toowoomba |
| ABRQ** | 3 | 100 | H | Rockhampton |
| ABTQ** | 3 | 100 | H | Townsville |
| ABMQ** | 4 | 100 | H | MacKay |
| ABWQ** | 6 | 100 | V | Maryborough |
| ABRDQ** | 6 | 0.1 | H | Richmond |
| ABIQ** | 6 | 0.5 | H | Mount Isa |
| ABGQ** | 6 | 0.25 | H | Goondiwindi |
| ABLQ** | 6 | 0.65 | H | Longreach |
| ABMLQ** | 6 | 0.1 | H | Mitchell |
| ABCLQ** | 7 | 0.1 | H | Cloncurry |

| Call | ch | kW (ERP) | Pol. | Location |
|---|---|---|---|---|
| ABRAQ** | 7 | 1 | H | Roma |
| ABWNQ** | 8 | 1 | H | Winton |
| ABNQ** | 9 | 100 | H | Cairns |
| ABHQ** | 9 | 0.1 | H | Hughenden |
| ABMSQ** | 9 | 0.16 | V | Miles |
| ABCEQ** | 9 | 0.25 | H | Charleville |
| ABJQ** | 10 | 0.1 | H | Julia Creek |
| ABEQ** | 11 | 0.125 | H | Esmerald |
| **South Australia** | | | | |
| ABGS** | 1 | 100 | H | Mount Gambier |
| ABNS** | 1 | 100 | V | Port Pirie |
| ABS* | 2 | 100 | H | Adelaide |
| ABRS** | 3 | 100 | V | Loxton |
| ABCS** | 7 | 0.1 | H | Ceduna |
| **Western Australia** | | | | |
| ABW* | 2 | 100 | H | Perth |
| ABAW** | 2 | 100 | V | Albany |
| ABCW** | 5A | 100 | H | Northam-York |
| ABSW** | 5 | 100 | H | Bunbury |
| ABGW** | 6 | 10 | H | Geraldton |
| ABKW** | 6 | 8 | H | Kalgoorlie |
| ABCNW** | 7 | 0.1 | H | Carnarvon |
| ABPHW** | 7 | 0.34 | H | Pt. Hedland |
| ABCMW** | 8 | 10 | H | Morawa |
| ABSBW** | 9 | 1 | H | So. Cross/ Bullfinch |
| ABRBW** | 9 | 1 | H | Roebourne |
| ABMW** | 10 | 10 | H | Moora |
| ABEW** | 10 | 1 | H | Esperance |
| **Tasmania** | | | | |
| ABT* | 2 | 100 | H | Hobart |
| ABNT** | 3 | 100 | H | Launceston |
| ABKT** | 11 | 2 | H | King Island |
| **Northern Territory** | | | | |
| ABD** | 6 | 10 | H | Darwin |
| ABAD** | 7 | 0.25 | H | Alice Springs |
| ABTD** | 9 | 1 | H | Tennant Creek |

+ 206 low power translator sts (1 to 500 Watts) across Australia
**D. Prgrs:** Mon-Fri 2300-1300; Sat 0200-1300; Sun 0020-1230.
Colour on all ABC stations.

## PRIVATELY OWNED COMMERCIAL TV STATIONS

**Federation of Australian Commercial Television Stations-**
**Addr:** 13th Floor, 447 Kent Str, Sydney 2000.
**Te:** (02) 2645577. **Telex:** Facts 21542.
**L.P:** Federal Dir: J. Malone. **Adv.** accepted under conditions of Australian Broadc. Tribunal.
**Stations** (System B): The two first letters are an abbreviation of the name of the licence, the third indicates the state and the numeral signifies the channel.
H = Horizontal Pol; V = Vertical Pol.
Aural power 10% of the visual power.
**Colour:** PAL system used.

| | Call | kW(ERP) | | Call | kW(ERP) |
|---|---|---|---|---|---|
| 1) | ATV10 | 100(H) | 22) | TVW7 | 100(H) |
| 2) | TVQ0 | 100(H) | 23) | BKN7 | 100(H) |
| 3) | RVN2 | 100(H) | 13) | CBN8 | 100(V) |
| 4) | NBN3 | 100(H) | 24) | RTN8 | 100(H) |
| 5) | BTW3 | 50(H) | 25) | BCV8 | 100(V) |
| 6) | WIN4 | 100(H) | 25) | GLV8 | 100(V) |
| 7) | AMV4 | 100(H) | 25) | STV8 | 100(H) |
| 8) | GTS4 | 100(V) | 27) | SEQ8 | 100(V) |
| 9) | SDQ4 | (relay) 100(H) | 28) | SES8 | 100(H) |
| 9a) | RTS5A | 40(H) | 29) | RTN8 | 100(H) |
| 10) | BTV6 | 100(H) | 30) | VEW8 | 4(H) |
| 11) | GMV6 | 100(V) | 31) | ITQ8 | 0.5(H) |
| 12) | TVT6 | 100(H) | 32) | NTD8 | 20(H) |
| 13) | CWN6 | 100(V) | 35) | ECN8 | 100(V) |
| 14) | MVQ6 | 100(H) | 33) | TCN9 | 100(H) |
| 15) | ATN7 | 100(H) | 34) | MTN9 | 100(H) |
| 16) | CTC7 | 100(V) | 35) | NEN9 | 100(H) |
| 17) | HSV7 | 100(H) | 36) | GTV9 | 100(H) |
| 18) | BTQ7 | 100(H) | 37) | QTQ9 | 100(H) |
| 19) | RTQ7 | 100(H) | 38) | NSW9 | 100(H) |
| 20) | TNQ7 | 100(H) | 39) | STW9 | 100(H) |
| 21) | ADS7 | 100(H) | 40) | TNT9 | 100(H) |

| | Call | kW(ERP) | | Call | kW(ERP) |
|---|---|---|---|---|---|
| 5) | GSW9 | 50(V) | 43) | SAS10 | 100(H) |
| 41) | TEN10 | 100(H) | 25) | BCV11 | 4(V) |
| 9) | DDQ10 | 100(H) | 29) | NRN11 | 100(H) |
| 42) | FNQ10 | 100(H) | | | |

1) Austarama TV Pty. Ltd, P.O. Box 42, Nunawading, Vic 3131. **Cable:** Austarama — Man. Dir: W. McKenzie. St. Mgr: R.B. Campbell. Dir. Tec: B. Robertson. Film Buyer: Th. Warne. 2000 (Sun 2030)-1530 (Fri/Sat 1630, Sun 1500).
2) Universal Telecasters Qld. Ltd, G.P.O. Box 751, Brisbane 4001. **Cable:** Channel 0 — St. Mgr: R.G. Archer. Dir. Tec: J.C. Stevenson. Film Buyer: D.J. Spencer. 2100-1500. (+ 1 repeater).
3) Riverina & North East Victoria TV Ltd, P.O. Box 2, Kooringal, Wagga Wagga 2650. **Cable:** Rivtel — Group Gen. Mgr: W.P. Marsden. Dir. Tec: J. Meyer. 0100-1330 (4 repeaters).
4) NBN Ltd, P.O. Box 750, Newcastle 2300. **Cable:** Chanthree — Co. Secr: M.J. Armstrong. Dir. Tec: R.C. Prout. Dir. of Prgrs: J.F. Kidd. 2050-2300, 0500-1345 (Sat 0000-1400, Sun 0030-1350).
5) Golden West Netw, P.O. Box 112, Bunbury, W.A. 6230. **Cable:** Swetel — St. Mgr: D. McDonald. Dir. Tec: H. James. Film Buyer: G.L. Plummer. 0300-1600 (+ 6 repeater st's).
6) TWT Ltd, P.O. Box 1800, Wollongong 2500. **Cable:** Winteevee — Gen. Mgr: J. Rushton. Dir. Tec: P. Gough. 1930-1700 (+ 5 repeaters).
7) Riverina & North East Victoria TV Ltd, Union Rd, Albury Vic. 2640. **Cable:** Ayemfour (relay of st. 3).
8) Spencer Gulf Telecasters Ltd, P.O. Box 305, Port Pirie, SA 5540. **Cable:** "GTS4" — St. Mgr: R. Davis. Dir. Tec: O. Crocker. Film Buyer: J.M. Sturrock. Generally 0530 (Sun 2330)-1330 (+3 repeaters).
9) Darling Downs TV Ltd, P.O. Box 670, Toowoomba, Qld. 4350. **Cable:** Deedecue — St. Mgr. and Film Buyer: L.R. Burrows. Dir. Tec: S. Cornford. 0100-1330. Relay st. SDQ4 (South Downs).
9a) Riverland TV Pty. Ltd, P.O. Box 471, Loxton 5333 — St. Mgr: Mrs. W. Foley. 0800-1230, Tues & Wed also 0330-0530.
10) Ballarat & Western Victoria TV Ltd, P.O. Box 464, Ballarat, Vic 3350. **Cable:** Beeteesix — Chief Exec: G. W. Rice. St. Mgr: J.A. Parkin. Chief Eng: H.G. Riley. Prgr. Superv: R.A. Fry. 0100 (Sat 2100, Sun 2145)-1400. (+ 5 repeaters).
11) Goulburn Murray TV Ltd, P.O. Box 666, Shepparton, Vic. 3630. **Cable:** Geemveesix — Gen. Mgr. R. Euling. 0200-1400 (+ 2 repeaters).
12) Tasmanian TV Ltd, G.P.O. Box 1209M, Hobart, Tasmania 7001. **Cable:** Tasteevee — St. Mgr: W. Henry. Dir. Tec: R. Hernan. Film Buyer: R.N. Coulston. 0100-1400 (+ 6 repeaters).
13) Country TV Services Ltd, Bathurst Rd, Orange 2800. **Cable:** Cebtes — Gen. Mgr: Ian Ridley. St. Mgr: P. Larance. Dir. Tec: J. Vanderstock. Mon-Fri 2300-2400, 0200-1330; Sat 0200-1430; Sun 0000-1430. Relay st. CWN6 Dubbo (+ 6 repeaters).
14) MacKay TV Ltd, P.O. Box 496, MacKay, Qld 4740. **Cable:** Emveecue — Gen. Mgr: R.J. Cox. Dir. Tec: D. Brooks. Film Buyer: J. Crowley. 0130 (Sat & Sun 0400)-1330 (+ 6 repeaters).
15) Amalgamated TV Sces Pty. Ltd, Television Centre, Epping 2121. **Cable:** Telecentre, Sydney — Gen. Mgr: E. Thomas. Dir. Tec: G. Healy. Film Buyer. G. Kinging. 2000 (Sat/Sun 2100)-1500 (+ 1 repeater).
16) Australian Capital TV Ltd, P.O. Box 21, Watson, A.C.T. 2602. **Cable:** Ceeteecee — St. Mgr: W. Rayner. Dir. Tec: A.R. Martin. Film Buyer: P. Hunniford. 2100-1600 (+ 4 repeaters).
17) Herald-Sun TV Pty. Ltd, Box 215D, G.P.O. Melbourne 3000. **Cable:** Hertel — Gen. Mgr: R.P. Casey. Dir. Tec: M. Albiston. Film Buyer: G. Fenton. 2100-1500.
18) Brisbane TV Ltd, P.O. Box 604, Brisbane, Qld. 4001. **Cable:** Beeteecue — St. Mgr: G. Möller. Dir. Tec: R.E. Lees. Film Buyer: I.R. Duncan. 24h (+ 1 relay st).
19) Rockhampton TV Ltd, P.O. Box 568, Rockhampton, Qld. 4700. **Cable:** Arteecue — Man. Dir. and Film Buyer: B. Saunders. Dir. Tec: M.K. Fenny. 0700 (Tues/Wed 0400)-1200 (or 1230) (Fri 1300).
20) Telecasters North Queensland Ltd, P.O. Box 1016, Townsville. Qld 4810. **Cable:** Teenq — Gen. Mgr: D. Astley. St. Mgr: G. Thorley. Film Buyer: C. O'Mara. 0330 (Sat 0600, Sun 0400)-1300 (+ 12 repeaters).
21) TV Broadcasters Ltd, 125 Strangeways Terrace, North Adelaide, SA 5006. **Cable:** Adseven — Dir: J.S. Doherty. Dir. Tec: N. Sawyer. Film Buyer: I. Woodward. 2100 (Sat/Sun 2200)-1500.
22) TVW Enterprises Ltd, P.O. Box 77, Tuart Hill, W.A. 6060. **Cable:** Teleview — St. Mgr: J.B. Williams. Dir. Tec: T. O'Dea. Film Buyer: R.I. Burns. 2315 (Sat 2300, Sun 2230)-1630.
23) Broken Hill TV Ltd, P.O. Box 472, Broken Hill 2880 — Netw.

Mgr: P.S. Eaton. 0830 (Wed 0230)-1230 (Wed/Fri 1300); Sun 0830-1200.
24) Richmond Tweed TV Ltd, P.O. Box 423, Lismore 2489. **Cable:** Richteeve — Man. Dir: G. Doust. Dir. Tec: H. Green. 0300 (Sat 0700)-1300; Sun 0630-1230 (relay st. 29).
25) Southern Cross Communications Ltd, P.O. Box 240, Bendigo, Vic. 2550. **Cable:** Beneight — Chief Exec: I.R. Müller. St. Mgr: R.J. Cook. Dir. Tec: G.W. Morley. Film Buyer: G.J. Pithie (relays GLV8, Latrobe Valley, BCV11 Swan Hill, STV8 Mildura). 0100 (Sat 2200, Sun 2000)-1400 (Fri/Sat 1445) (+ 3 repeaters).
27) Wide Bay Burnett TV Ltd, P.O. Box 30, Maryborough, Qld. 4650. **Cable:** Wideteve — Gen. Mgr. & Film Buyer: A.M. Daniel. Dir. Tec: B. Hunter. 0130 (Sat 0400, Sun 0300)-1300 (+ 3 repeaters).
28) South East Telecasters Ltd, P.O. Box 821, Mt. Gambier, SA 5290. **Cable:** Setel — Gen. Mgr: G. Gilbertson. St. Mgr: J. Parkin. Dir. Tec: G.D. Smythe. 0630 (Tues/Wed 0300)-1500, Sat 0730-1600, Sun 0600-1430.
29) Northern Rivers TV Ltd, P.O. Box 920, Coffs Harbour 2450. **Cable:** Enareleven — Gen. Mgr: B. Beasley. Chief Eng: R. Higgens. 0300 (Sat 0700, Sun 0500)-1300; Relay RTN8 (Lismore) (+ 3 repeaters).
30) Mid-Western TV, 96 Wanneroo Rd, Tuart Hill, WA 6060 — Vice Chmn J.H. Dorsey. Dir. Tec: J.E. Ferguson. 0930-1430.
31) Mt. Isa Television Pty. Ltd, P.O. Box 1557, Mt. Isa, Qld. 4825 — Gen. Mgr. & Film Buyer: C.C Jeremy. Dir. Tec: P.R. Glazebrook. 0700 (Mon/Thurs 0200, Sun 0600)-1300 (+ 1 repeater).
32) Territory Television Pty. Ltd, P.O. Box 1764, Darwin, NT 5794 — St. Mgr: D. Astley. Dir. Tec: G. Walburn. Film Buyer: R. Darben. 0830-1530.
33) TCN Channel 9 Ltd, P.O. Box 27, Willoughby 2068. **Cable:** Diffusion, Sydney — Man. Dir: S. Chisholm. Gen. Mgr: I. Gow. Vice-Pres. Eng: Bruce Robertson. Prgr. Mgr: R. Haynes. 24h (+ 1 relay st.)
34) Broadcast Operations Pty. Ltd, P.O. Box 493, Griffith 2680 — St. Mgr: N. Murphy. Dir. Tec: Ove Andersen. Film Buyer: P. Larrence. Mon-Fri 2300-2400, 0200-1330; Sat 0300-1400; Sun 0130-1400 (+ 1 relay st).
35) TV New England Ltd, P.O. Box 317, Tamworth 2340. **Cable:** Nenine — St. Mgr. and Film Buyer: K.D. Smith. Dir. Tec: O.E. Bartie. 0130 (Sat 0200, Sun 2230)-1300. Relay ECN8 (Middle Brother) (+ 8 repeaters).
36) General TV Corporation Pty. Ltd, P.O. Box 100, Richmond, Vic. 3121. **Cable:** Geeteevee — Chief Exec: J. Styles. Vice-Pres. Eng: D. Padgett. Film Buyer: J. McKay. 24h (+ 2 repeaters).
37) Queensland TV Ltd, Box 72, GPO, Brisbane 4001. **Cable:** Queteenine — Gen. Mgr: H. Cornish. Dir. Tec: M.J. Bartlett. Film Buyer: N. Coulston. 24h (+ 1 relay st.)
38) Southern TV Corp. Pty Ltd, P.O. Box 9, North Adelaide, SA 5006. **Cable:** Newsnine — Gen. Mgr: T. Talbot. Dir. Tec: J. Batchelor. Film Buyer: R. Boland. — 2100-1530.
39) Swan Television and Radio Broadcasters Ltd, P.O. Box 99, Tuart Hill, WA 6060. **Cable:** Swantel — Gen. Mgr: D. Aspinall. Dir. Tec: T. Provan. Film Buyer: L. Downs. 24h.
40) Northern Television Pty. Ltd, P.O. Box 873, Launceston, Tas 7250. **Cable:** Netnine — Gen. Mgr: D. McQuestin. Dir. Tec: K.J. Briggs. Film Buyer: J.M. Stephens. W 2100-1430 (Fri 1500, Sat 1530); Sun 0000-1500 (+ 11 repeaters).
41) United Telecasters Sydney Ltd, Cnr Epping & Pittwater Roads, North Ryde, NSW 2113. **Cable:** Unitelcast, Sydney — Man. Dir: G. Brown. Dir. Eng: F. Kenyon. Film Buyer: P. Cleary. Dir. of Prgr: H. McGowan. 2000-1530 (Fri 2000-Sun 1530 continuous).
42) Telecasters North Queensland Ltd. (relay st. 20).
43) South Australian Telecasters Ltd, 45-49 Park Terrace, Gilberton, SA 5081. **Cable:** Sasten — Gen. Mgr: K.V. Campbell. Dir. Tec: D. Caddy. Film Buyer: Mrs. M. Yates. 2100-1500 (+ 1 relay st.)

## BELAU (Rep.)

**TV-sets:** 1.550 — **System:** M — **Colour:** NTSC.

### STV-TV KOROR (Comm.)

**Addr:** Koror, Palau, Western Caroline Islands.
**L.P:** Mgr: David Nolan. Technician: Ray Omelen.
**Station:** Ngermit, Koror ch7 0.1kW.
**D.Prgr:** 0400-1400.

## GALAPAGOS ISLANDS (Ecuadorean Province)

A st. reported as Telegalapagos using chA13 at Puerto Vaquerizo every evening at 0300. Operated by Fr. Remigio Andrade. No further details available.

## GUAM (US Terr.)

**TV-sets:** 78.500 (incl. 54.000 colour sets) — **Colour:** NTSC
**System:** M.

### KUAM TELEVISION (Comm.)

**Addr:** P.O. Box 368, Agana 96910. **Te:** 477-9861. **Cable:** Kuam.
**L.P:** Pres: L.S. Berger. Gen. Mgr: Greg Perez. Dir. Tec: K. Tydingco.
**Station:** chA8 21.9/3.8kW
**D.Prgr:** Mon-Fri 0600-1400, Sat 0200-1400, Sun 0400-1400.

### KGTF Television (Educ.)

**Addr:** Guam Educational Telecommunications Corporation, P.O. Box 21149, Guam, Marianas Is. 96921. **Te:** 734-2207.
**L.P:** Dir: Betty B. Lyon. Chief Eng: D. Camacho.
**Station:** chA12 27.6/5.5kW.
**D.Prgr:** 1000-1300 (Sun 0300-1300).

## HAWAII (US State)

**TV-sets:** 232.000 — **Colour:** NTSC — **System:** M.
All st's comm. exc. 7) and 9) Educational.

| | Call | ch | kW (ERP) | | Call | ch | kW (ERP) |
|---|---|---|---|---|---|---|---|
| 1) | KHON-TV | 2 | 100/20 | 7) | KMEB-TV | 10 | 30.9/6.17 |
| 2) | KGMD | 3 | 20/4 | 8) | KHAW-TV | 11 | 2.09/0.27 |
| 3) | KITV | 4 | 100/20 | 9) | KHET | 11 | 149/29.5 |
| 4) | KAII-TV | 7 | 29.8/5.9 | 10) | KMAU-TV | 12 | 27.5/4.36 |
| 5) | KGMB-TV | 9 | 209/29.5 | 11) | KIKU-TV | 13 | 30.7/6.2 |
| 6) | KGMV | 9 | 20/4 | 12) | KHVO | 13 | 4.68/1.59 |

1) Western Sun Inc, 1170 Auahi Str, Honolulu 96814 — Pres: George Hagar; Dir. Tec: Alfred Ono.
2) Satellite of st. 5.
3) Western Telestations Inc, 1290 Ala Moana Blvd, Honolulu 96814 — Gen. Mgr: D. Grimm; Dir. Tec: C. Hartmann.
4) Satellits of st. 1).
5) Pacific Broadc. Co, 1534 Kapiolani Blvd, Honolulu 96814 — Gen. Mgr: Richard A. Weiner. Dir. Tec: Barry Albright. Film Buyer: Phil. Amone — 24h.
6) Satellite of st. 5).
7) Satellite of st. 9).
8) Satellite of st. 1).
9) Hawaii Public Broadc. Authority, 2350 Dole Str, Honolulu 96822.
10) Semi-satellite of st. 3).
11) KIKU Television Corp, 150-B Puuhale Rd, Honolulu 96819 — Gen. Mgr: Joanna Ninomiya. Dir. Tec: Jim Bowen.
12) Satellite of st. 3).

## JOHNSTON ISLAND (US Terr.)

**TV-sets:** 300 (all colour sets) — **Colour:** NTSC.
**System:** M.

### JOHNSTON ATOLL (US Defense Nuclear Agency).

**Addr. & L.P:** See radio.
**Station:** AFTV chA10 0.12kW. **D.Prgr** (colour): Mon-Thurs 0300-0930; Fri-Sat 0300-1100; Sun 2200-0930.

## MICRONESIA (FED. STATES OF) (Ponape)

**TV-sets:** 500 — **Colour:** NTSC — **System:** M.

### TV STATION PONAPE (Comm.)

**Addr:** KPON-TV, Central Micronesia Communications, P.O. Box 460, Kolonia, Ponape 96941, Eastern Caroline Islands.
**L.P:** Pres: Bernard Hegenberger. Dir. Tec: David Cliffe.
**Station:** Ponape chA7 0.1kW.
**D.Prgr:** 0400-1200.

## MIDWAY ISLAND (US Terr.)

**TV-sets:** 535 (incl. 385 colour sets) — **Colour:** NTSC — **System:** M.

### NAVY BROADCASTING SERVICE (AFRTS)

**Addr. & L.P:** See radio.
**Station:** chA4 0.1kW V.
**D.Prgr:** No schedule available since volunteer labor is used to operate the station.

## NEW CALEDONIA

**TV-sets:** 31.000 (incl. 20.500 colour sets) — **Colour:** SECAM.
**System:** K′.

### RFO-TV (Gov.)

**Addr: & L.P:** See radio.
**Stations:** Mont Do chK'4 2x1kW H, Noumea chK'8 0.4kW H, Lifou chK'7 0.4kW H (+ 25 low power repeaters not mentioned).
**D.Prgr:** W 0630-1130, Sun 0515-1115.

## NEW ZEALAND

**TV-sets:** 943.234 (incl. 833.234 colour sets) — **Colour:** PAL.
**System:** B.

### TELEVISION NEW ZEALAND (Service of BCNZ)

**Addr:** P.O. Box 3719, Auckland. **Te:** 776 630. **Cable:** Teltwo.
**Telex:** NZ 2443.
**L.P:** Dir. Gen: A.W. Martin. Contr. Eng: P.W. Sandlant. Contr. Prgrs: D.J. Monaghan.
**Stations: Network One:** Wellington ch1 100/10 kW H, Auckland ch2 100/10kW H, Christchurch ch3 100/10kW H, Dunedin ch2 50/5kW H + relay st's at Hamilton ch1 100/10kW V, Palmerston North ch2 100/10kW V, Invercargill ch1 100/10kW H + 19 medium and 380 low powered relay st's.
**D.Prgr:** 2200 (Sat 2000, Sun 2100)-1100 (Fri/Sat 1205).
**Network Two:** Auckland ch4 300/30kW H, Wellington ch4 300/30kW H, Christchurch ch8 300/30kW H, Dunedin ch4 300/30kW H + repeaters at Hamilton ch3 100/10kW V, Palmerston North ch4 300/30kW V, Invercargill ch3 100/20kW H + 13 medium and 141 low powered repeaters.
**D.Prgr:** 0000-1200 (Sun 1100).
**ALF:** $NZ 27.50 (Mono), $NZ 45.00 (Colour).

## NORTHERN MARIANA ISLANDS (US Commonwealth)

**TV-sets:** 3.900 — **Colour:** NTSC — **System:** M.

### SAIPAN CABLE TV Inc.

**Addr:** San Jose Village, Saipan, CM 96950.
**L.P:** Pres: Lee Holmes.
**Stations:** Saipan ch2, 3, 4, 5, 7, 8, 9, 10, 11, 12.

### MICRONESIA BROADC. CORPO. (Comm.)

**Addr:** c/o KUAM, Box 368, Agana, Guam 96910.
**L.P:** Pres: H. Scott Killgore. Gen. Mgr: T. Dickey. Asst. Gen. Mgr: A. Ocambo. Technician: M. Madaing.
**Stations:** WSZE-TV ch10 0.5kW (Saipan)
**D.Prgr:** 0600-1400.

## POLYNESIA (French)

**TV-sets:** 25.600 — **Colour:** SECAM — **System:** K′.

### SOCIÉTÉ NATIONALE DE RADIO TÉLÉVISION D'OUTRE MER (RFO)

**Addr: & L.P:** See radio.
**Stations:** Papeete chK'4 0.1kW H, Mont Marau chK'8 0.5kW H, Vaitape chK'7 0.2kW V, Taravao chK'4 0.1kW H (+ 8 low power repeaters not mentioned).
**D.Prgr:** 0400 (Sat/Sun 0200)-0830.

## SAMOA (American)

**TV-sets:** 7.500 (incl. 1.500 colour sets) — **Colour:** NTSC.
**System:** M.

### KVZK-TV (Gov.)

**Addr:** American Samoa Government, Pago Pago 96799.
**Te:** (684) 6334191.
**L.P:** Gen. Mgr: Fulifuli Taveuveu; Dir. Tec: John Savage.
**Stations:** chA2/A4/A5 (72kW).
**D.Prgr:** Ch2: 0200-1030; ch4 & 5: 0500-1030.

# NORTH AMERICA

## ALASKA (US State)

**System:** M — **Colour:** NTSC
**TV-STATIONS:** All comm. exc. 3, 4, 5, 7 (Educational).

| | Call | ch | kW (ERP) | | Call | ch | kW (ERP) |
|---|---|---|---|---|---|---|---|
| 1) | KFAR-TV | 2 | 5.37/0.67 | 7) | KUAC-TV | 9 | 46.8/8.33 |
| 2) | KTUU-TV | 2 | 28.8/5.68 | 8) | KTVA-TV | 11 | 25/5 |
| 3) | KTOO-TV | 3 | 2.45/0.49 | 9) | KTVF-TV | 11 | 27/5.5 |
| 4) | KYUK-TV | 4 | 4.67/1.16 | 10) | KIMO-TV | 13 | 30/6.17 |
| 5) | KAKM-TV | 7 | 100/20 | 11) | KIFW-TV | 13 | 0.2/0.03 |
| 6) | KINY-TV | 8 | 0.24/0.05 | | | | |

1) Box 910, Fairbanks 99701.
2) Box 102880, Anchorage 99510 — Pres. & Gen. Mgr: Al Bramstedt Jr. Dir. Tec: C. Gray. Film Buyer: Sandra Moore. 2230 (Sat/Sun 0000)-0900.
3) 240 Main Str, Juneau 99801 — St. Mgr: D. Rinker. Dir. Tec: J. Mahan. Film Buyer: L. Morley. 1930 (Sat/Sun 1530)-0800.
4) Box 468, Bethel 99559 — Gen. Mgr: Jim Croll.
5) 3211 Providence Drive, Anchorage 99504 — Gen. Mgr: W. Jackson.
6) Box 1160, Anchorage. (Satellite of 2).
7) University of Alaska, Fairbanks 99701 — St.Mgr: Donald B. Upham; Dir. Tec: David L. Walstad. 0000-1000.
8) Northern TV Inc, Box 2200, Anchorage 99510 — Vice Pres. & Gen. Mgr: Ron L. Moore; Chief Eng: Gary Haynes. 1700-1100.
9) Northern TV Inc, Fairbanks 99707. 1700-1100.
10) 3001 C. Str, Anchorage 99503.
11) Sitka Broadc. Co. Inc, Box 299, Sitka 99835 — St. Mgr: S.L. Rhyner. Dir. Tec: Jonathan C. Morgan. Mon-Fri 1900-0900, Sat 1700-0900, Sun 1400-0800.

### ARMED FORCES RADIO & TV SCE. (US Mil.)

| Stations | ch | kW |
|---|---|---|
| Adak[1] | 8 | 0.12 |
| Galena[2] | 8 | 0.5 |
| King Salmon[3] | 8 | 0.1 |

1) Box 19, FPO, Seattle, Washington 98791.
2) APO, Seattle, Washington 98723.
3) 5049 Broadcast, APO Seattle 98713, Squadron APO, Seattle.

## BERMUDA

**TV-sets:** 66.500 (incl. 38.000 colour sets) — **Colour:** NTSC.
**System:** M.

### ZBM-ZFB RADIO & TELEVISION (Comm.)

**Addr:** P.O. Box 452, Hamilton.
**L.P:** Operations Mgr: Bryan Lodge.
**Station:** ZBM-TV chA10 17.5/8.75kW H — ZFB-TV chA8 32.5kWH.
**D.Prgr:** ZBM-TV: 1900-0400; ZFB-TV: 1230-1600 (Sat), 2055 (Sun 1930, Sat 2030)-0400.

## CANADA

**TV-sets:** 13.960.000 (incl. 9.500.000 colour sets) — **Colour:** NTSC — **System:** M.

### CANADIAN BROADCASTING CORPORATION/ SOCIÉTÉ RADIO-CANADA (Publicly owned)

**Head Office:** P.O. Box 8478, Ottawa, Ontario K1G 3J5.
**Cable:** Broadcast. **Telex:** 053-4260. **Te:** (613) 731-3111.
**L.P:** see radio.
**English Services:** P.O. Box 500, Station "A", Toronto, Ontario M5W 1E6. **Cable:** Broadcast. **Telex:** 062-17796.
**Te:** (416) 925-3311.
**L.P:** Vice-Pres. English TV Netw: D. Harvey. Dir. of TV-Netw: Trina McQueen. Dir. of TV Prgr: J. Craine. Dir. of TV News & Current Affairs: William Morgan. Dir. of TV Prod: D. Martin. Ag. Gen. Mgr: CBC-Enterprise: Paul Cadieux.
**French Services:** P.O. Box 6000, Montreal, Que. H3C 3A8.
**Cable:** Radcan. **Telex:** 05-267417. **Te:** (514) 285-3211.
**L.P:** Vice-Pres. French TV Network: Pierre Des Roches. Asst. Vice Pres: J.M. Dugas. Dir. TV Prgr: J.C. Rinfret. Dir. of Inf. Prgr: Pierre O'Neil. Dir. of Engineering: Pierre A. Ouimet. Superv. of International Rel TV: Denise Prézeau.
**Stations:** Pol: H.

| | English Netw. | Call | chA | kW (ERP) |
|---|---|---|---|---|
| 1) | Goose Bay, Lab. | CFLA-TV | 8 | 6.8/0.68 |
| 2) | Corner Brook, Nfld. | CBYT | 5 | 10.6/2.12 |
| 3) | Labrador City/Wabush, Nfld. | CBNLT | 13 | .214/0.043 |
| 4) | St. John's, Nfld. | CBNT | 8 | 196/39.2 |
| 5) | Charlottetown, P.E.I. | CBCT | 13 | 178/35.8 |
| 6) | Halifax, N.S. | CBHT | 3 | 56/11.2 |
| 7) | Sydney, N.S. | CBIT | 5 | 54/10.8 |
| 8) | Montreal, Que. | CBMT | 6 | 100/15 |
| 9) | Ottawa, Ont. | CBOT | 4 | 100/15 |
| 10) | Toronto, Ont. | CBLT | 5 | 84/16.8 |
| 11) | Windsor, Ont. | CBET | 9 | 182/18.2 |
| 12) | Winnipeg, Man. | CBWT | 6 | 100/12 |
| 13) | Regina, Sask. | CBKT | 9 | 140/20.4 |
| 14) | Saskatoon, Sask. | CBKST | 11 | 325/65 |
| 15) | Calgary, Alta. | CBRT | 9 | 178/35.6 |
| 16) | Edmonton, Alta. | CBXT | 5 | 318/34.3 |
| 17) | Vancouver, B.C. | CBUT | 2 | 50/5 |

+ 420 low power relay tr's not mentioned + 231 priv. owned affiliated & rebroadc. st's.

**Addresses:**
1) P.O. Box 3015, Station "B", Happy Valley/Goose Bay, Labrador, Nfld. A0P 1E0.
2) P.O. Box 610, Corner Brook, Nfld. A2H 6G1.
3) P.O. Box 576, Labrador City, Nfld. A2V 2L3.
4) P.O. Box 12010 Stn. "A", St. Johns, Nfld. A1B 3T8.
5) P.O. Box 2230, Charlottetown, P.E.I. C1A 8B9.
6) P.O. Box 3000, Halifax, N.S. B3J 3E9.
7) P.O. Box 700, Sydney, N.S. B1P 6H7.
8) P.O. Box 6000, Montreal, Que. H3C 3A8.
9) P.O. Box 3220, Stn. "C", Ottawa, Ont. K1Y 1E4.
10) P.O. Box 500, Stn. "A", Toronto, Ont. M5W 1E6.
11) P.O. Box 1609, Windsor, Ont. N9A 1K7.
12) P.O. Box 160, Winnipeg, Man. R3C 2H1.
13) 2440 Broad Str, Regina, Sask. S4P 4AI.
14) 5th Floor, CN Tower, Saskatoon, Sask. S7K 1J5.
15) P.O. Box 2640, Calgary, Alta. T2P 2M7.
16) P.O. Box 555, Edmonton, Alta. T5J 2P4.
17) P.O. Box 4600, Vancouver, B.C. V6B 4A2.

| | French Netw. | Call | chA | kW (ERP) |
|---|---|---|---|---|
| 1) | Moncton, N.B. | CBAFT | 11 | 163/33 |
| 2) | Matane, Que. | CBGAT | 6 | 3.7/0.37 |
| 3) | Montreal, Que. | CBFT | 2 | 100/10 |
| 4) | Quebec, Que. | CBVT | 11 | 252/25.2 |
| 5) | Rimouski, Que. | CJBR | 2 | 100/56.9 |
| 6) | Ottawa, Ont. | CBOFT | 9 | 128/25.6 |
| 7) | Toronto, Ont. | CBLFT | 25 | 1827/182.7 |
| 8) | Winnipeg, Man. | CBWFT | 3 | 59/7.37 |
| 9) | Edmonton, Alta. | CBXFT | 11 | 90/9 |
| 10) | Vancouver, B.C. | CBUFT | 26 | 105/10.5 |

+ 160 low power relay tr's not mentioned + 46 priv. owned affiliated & rebroadc. st's.

**Addresses**
1) P.O. Box 950, Moncton, N.B. E1C 8N8.
2) P.O. Box 2000, Matane, Que. G4W 3P7.
3) P.O. Box 6000, Montreal, Que. H3C 3P7.
4) P.O. Box 10400, St.-Foy, Que. G1V 2X2.
5) 273 St.-Jean Baptiste Quest, Rimouski, Que. G5L 4J8.
6) P.O. Box 3220, Stn. "C", Ottawa, Ont. K1Y 1E4.
7) P.O. Box 5000, Stn. "A", Toronto, Ont. M5W 1E6.
8) P.O. Box 160, Winnipeg, Man. R3C 2H1.
9) P.O. Box 555, Edmonton, Alta. T5J 2P4.
10) P.O. Box 4600, Vancouver, B.C. V6B 4A2.

### CTV TELEVISION NETWORK LIMITED

**Head Office:** 42 Charles Str. East, Toronto, Ontario M4Y 1T5.
**Te:** 416-9286000. **Telex:** 06-22080.
**L.P:** Pres. & Man Dir: Murray H. Chercover. Exec. Vice Pres: John F. Ruttle. Vice Pres. & Dir. of Prgr: Philip Wedge. Vice Pres. Netw. Operations & Engineering: Joseph A. Colson. Vice Pres. Network Relations: Marge Anthony.

**Affiliated Stations** (chA no. in brackets): CKCW Moncton, N.B. (2); CKTV Regina, Sask (2); CKCY Sault Ste. Marie, Ont (2); CFRN Edmonton, Alta (3); CJCB Sydney, N.S. (4); CFCN Calgary, Alta (4); CHFD Thunder Bay, Ont (4); CITL Lloydminster, Sask/ Alta (4); CJCH Halifax, N.S. (5); CICI Sudbury, Ont (5); CJON St. Johns, Nfld (6); CHEK, Victoria, B.C. (6); CKY Winnipeg, Man (7); CFQC Saskatoon, Sask (8); CHAN Vancouver, B.C. (8); CFTO Toronto, Ont (9); CICC Yorkton, Sask (10); CFCF Montreal, P.Q. (12); CKCO Kitchener, Ont (3); CJOH Ottawa, Ont. (13).

### LE RESEAU DE TELEVISION (TVA)

**Addr:** 1600 est, boul. de Maisonneuve, Montreal, PQ, H2L 4P6.
**Stations** (ch no in brackets): CFCM Quebec (4), CJPM Chicoutimi (6), CHLT Sherbrooke (7), CHEM Trois-Rivières (8), CIMT Rivière d. Loup (9), CFTM Montreal (10), CFER Rimouski (11), CFEM Rouyn-Noranda (13), CHOT Hull/Ottawa (40), CHAU-TV Carleton (5).

### SOCIETE DE RADIO-TELEVISION DU QUEBEC

**Addr:** 800 rue Fullum, Montreal, Quebec H2K 3L7. **Te:** (514) 521-2424. **Telex:** 05-25808.
**L.P:** Chmn: Lyse Goyette. Pres. & Gen Mgr: Jacques Girard. Chief Public & Int. Rel: Phillippe Gariépy.
**Stations** (chA no. in brackets): CIVN Rouyn-Noranda (8), CIVV Chicoutimi (8), CIVQ Sept-Iles (9), CIVF Baie-Trinité (12), CIVA Val d'Or Amos (12), CIVQ Quebec (15), CIVM Montreal (17), CIVP Chapeau (23), CIVO Hull (30), CIVC Trois-Rivières (45), CIVB Rimouski (22), CIVS Sherbrooke (24)

### TV ONTARIO

**Addr:** Box 200, Station Q, Toronto, Ont. M4T 2T1.
**Te:** (416) 484-2600.
**L.P:** Chmn: Dr. J. Parr. Exec. Dir: David M. Walker. Man. Dir. Educational Telecommunications: Howard Krosnick. Film Buyer: A. Bressey.
**Station:** CICO-TV chA19 1080/108kW

### PRIVATELY OWNED COMMERCIAL TV STATIONS

There are a total of more than 400 privately owned st's (including relays).

## GREENLAND

**TV-sets:** 10.000 — **Colour:** PAL. **System:** B.

### GRØNLANDS RADIO (Gov.)

**ADDR:** Kalaallit Nunaata Radioa TV, P.O. Box 1007, DK-3900 Godthåb. **Te:** 2 11 72. **Cable:** Grønradio. **Telex:** 9 06 06 presse gd.

**L.P:** Editor-in-chief: Søren Bach. Eng: Nathan Biilmann.
**Stations:** Most cities have cable distribution of the KNR TV prgr's using ch4 in Nuuk, with others mainly on ch3, exc. the following on chE10 with 5 watts: Egedesminde, Fiskenæsset, Arsuk, Frederiksdal, Kangatsiaq and Godhavn.
**D.Prgr:** 2030-2130,2230-0200. **N:** W 1630, Sun 1700 (7 days after the actual broadcast date in Denmark). Local TV organizations: W 2300-2315, Sun 2230-2300.
**ALF:** D.Kr. 100,-/month, but no fees in Thule & Søndre Strømfjord.

### AFRTS (US Air Force)
**Addr:** OLA Det 1, AFABS, APO New York, NY 09121 — Thule Air Base, Det 1, AFABS, APO New York, NY 09023.
**Stations:** Søndre Strømfjord chA8 0.1kW H; Thule chA8, chA13 0.1kW (using colour NTSC).
**D.Prgr:** 2000-0300 (Sat/Sun 1500-0500).

## ST. PIERRE ET MIQUELON

**TV-sets:** 2.950 (incl. 2.050 colour sets) — **Colour:** SECAM.
**System:** K'.

### SOCIETE NATIONALE DE RADIO TELEVISION FRANÇAISE D'OUTRE MER (RFO)
**Addr: & L.P:** See radio.
**Stations:** St. Pierre chK'4 0.1kW H, chK'8 0.05kW H, Miquelon chK'6 0.1kW H.
**D.Prgr:** 2300-0230.

## USA

**TV-sets:** 141.500.000 — **Colour:** NTSC — **System:** M.

### ABC TELEVISION DIVISION (Comm.)
**Addr:** 1330 Ave. of the Americas, New York, N.Y. 10019.
**Owned stations:** WABC-TV/New York — WLS-TV/Chicago — KGO-TV/San Francisco — KABC-TV/Los Angeles — WXYZ-TV/Detroit.

### CBS, Inc. (Comm.)
**Addr:** 51 West 52nd Str, New York, N.Y. 10019.
**L.P:** Chmn: William S. Paley. Pres: Thomas H. Wyman. CBS/Broadcast Group: Pres: Gen Jankowski. CBS TV Network: Pres: Anthony Malara. CBS-TV-Stations: Pres: Neil Derrough.
**Owned Stations:** WCBS-TV, New York; WBBM-TV, Chicago; KCBS-TV, Los Angeles; WCAU-TV, Philadelphia; KMOX-TV, St. Louis.

### NATIONAL BROADCASTING COMPANY
**Addr:** 30 Rockefeller Plaza, New York, N.Y. 10020.
**L.P:** Chmn. of Board: Grant Tinker. Exec. Vice Pres. Public Relations: M.S. Rukeyser. NBC Television Network: Pres: Ray Timothy.
**NBC Television Stations:** WNBC-TV, New York; WRC-TV, Washington; WMAQ-TV, Chicago; WKYC-TV, Cleveland; KNBC, Los Angeles.
**Affiliated stations:** 218.

### PUBLIC BROADCASTING SCE. (Non-comm, Educ)
**Addr:** 475 L'Enfant Plaza, SW, Washington, DC 20024.
**L.P:** Chmn. of the Board: Dallin Oaks. Pres: Bruce L. Christensen.
**Member Stations:** 160.

### OTHER STATIONS
The total number of VHF and UHF stations is listed in the entry for the FCC (see USA Radio section). The balance of this total consists of individual or group-owned TV-stations, mostly commercial.

### SATELLITE SERVICES
More than 50 national and regional sces are carried by satellite to subscribers of cable TV systems, providing a wide choice of programming from many categories. Since these are intended only for authorised viewers, details are not given here.

### CABLE TV
Approx. 5000 systems are in operation, serving over 20 million subscribers in nearly 13.000 separate communities. Many of these produce their own programming in addition to relaying other TV and satellite sces. Subscribers pay a monthly fee.

### UNITED STATES ARMED FORCES RADIO & TV SCE.
**Stations:** See respective countries where st's are located.

# CENTRAL AMERICA & THE CARIBBEAN

## ANTIGUA & BARBUDA

**TV-sets:** 16.600 (incl. 2.800 colour sets) — **Colour:** NTSC.
**System:** M.

### ANTIGUA BROADC. SERVICE
(Government Owned and Operated).
**Addr:** P.O. Box 1280, St. John's, Antigua
**L.P:** Dir. of Prgrs: F. Liburd.
**Station:** ABS-TV chA10 50/20kW H.
**Relay:** Montserrat chA7 1kW.
**D.Prgr:** 2100-0600 (on ch10), 2200-0230 (on ch 7).

## BAHAMAS

**TV-sets:** 50.500 — **Colour:** NTSC — **System:** M.

### BAHAMAS TELEVISION (owned and operated by the Broadc. Corp. of the Bahamas).
**Addr:** P.O. Box N1347, Nassau.
**L.P:** Prgr. Dir. (TV): G. Lampkin. For other personnel: see radio.
**Station:** ZNS ch13 50kW (ERP).
**D.Prgr:** 2200 (Sat 2100, Sun 2000)-0400.

## BARBADOS

**TV-sets:** 55.000 (incl. 11.000 colour sets) — **Colour:** NTSC
**System:** M.

### CARIBBEAN BROADCASTING CORP. (Gov, Comm.)
**Addr:** P.O. Box 900, Bridgetown, Barbados. **Te:** (809) 429-2041.
**Cable:** Cabroco.
**L.P:** Mgr: T. Cumming. Prgr. Mgr: Mrs. O. Cumberbatch. Chief Eng: G. Husbands.
**Station:** CBC-TV chA3 60/30kW.
**D.Prgr:** Mon-Fri 2100-0330, Sat 1830-0400, Sun 1700-0330.
**ALF:** B & W $30.00; Colour $40.00.

## COSTA RICA

**TV-sets:** 450.000 (incl. 122.000 colour sets) — **Colour:** NTSC
**System:** M.

### TELEVISORA DE COSTA RICA (TELETICA) (Comm.)
**Addr:** Apt. 3876, San José. **Te:** 322222.
**L.P:** Pres: Olga C. de Picado. Mgr: R. Picado. Sales Mgr: R. Sanchez. Film Buyer: J. Gabro.
**Stations:** Rancho Redondo chA7 150/75kW.
**Relay st's:** Buena Vista chA5 10kW, Sta. Elena ch5 10kW, Golfito chA7 10kW, Limon chA7 1kW, Palmira chA5 1kW, Cañas Dulces chA7 1kW, Tarbaca chA5 100kW.
**D.Prgr:** 1730-0600.

### MULTIVISION (Comm.)
**Addr:** Apt. 4666, 1000 San José. **Te:** 334444. **Cable:** Televisa.
**Stations:** Volcan Irazu chA4 78/29W H, San Jose chA9
**D.Prgr:** 2130-0600.

### CORPO. COSTARRICENSE DE TELEVISION (Comm.)
**Addr:** P.O. Box 2860, San José. **Te:** 32925.
**Stations:** chA2 110/55kW, chA6 330/33kW (both at Volcan Irazu).
**D.Prgr:** 1700-0500.

### TELEONCE (Comm.)
**Addr:** P.O. Box 5542, San José. **Te:** 213452.
**Station:** chA11 1/0.5kW (Llano Grande, Cartago).
**D.Prgr:** 1800-0600.

### RED NACIONAL DE TV (Gov, Cultural)
**Addr:** Apt. 7-1980, San José. **Te:** 329627.
**Stations:** chA13 5/2.5kW. Relay st's: Buena Vista chA10 1/0.5kW, Santa Elena chA10 1/0.5kW.

### TELEVISORA UNIVERSIDAD DE COSTA RICA (Cult)
**Addr:** Ciudad Universitaria Rodrigo Facio, San Pedro de Montes de Oca, San José.
**L.P:** Gen. Mgr: Dr. F. Duran Ayanegui.
**Station:** chA15 1.8/1.2kW.

## CUBA

**TV-sets:** 1.500.000 — **Colour:** NTSC — **System:** M.

### INSTITUTO CUBANO DE RADIODIFUSION (Gov.)
**Addr:** Television Nacional, Calle M No. 312, Vedado, Ciudad de Habana.

### TELE REBELDE (Gov.)
**Addr:** Mazón No. 52, Vedado, La Habana.
Studios in Santiago de Cuba, Holguín & La Habana.
**Stations:** Pol H (no calls used).

| ch | Location | ch | Location |
|---|---|---|---|
| 2 | Babiney, P. Río | 11 | Cajálbana, P. Río |
| 2 | La Habana | 11 | Lomas del Jacán, Mtz. |
| 2 | Ciego de Avila | 11 | Cienfuegos |
| 3 | Santa Clara | 11 | Sancti-Spíritus |
| 4 | Artemisa | 12 | Nuevitas |
| 4 | Camagüey | 12 | Nicaro, Hgn |
| 5 | Salón, P. Río | 12 | Chivirico |
| 5 | Santiago de Cuba | 12 | Bayamo |
| 5 | Prov. Granma | 13 | Guanito, P. Río |
| 8 | Holguín | 13 | Matanzas |
| 9 | Baracoa | 13 | Trinidad |
| 10 | Güines | 13 | Las Tunas |
| 10 | Isla de la Juventud | 13 | Guantánamo |

**D. Prgr:** 1200-0430.

### TELEVISION CUBANA (Canal 6) (Gov.)
**Addr:** Calle M No. 312, Vedado, La Habana.

| ch | Location | ch | Location |
|---|---|---|---|
| 2 | Santiago de Cuba | 8 | Güines |
| 2 | Prov. Granma | 8 | Isla de la Juventud |
| 3 | Guanito, P. Río | 9 | Cajálbana, P. Río |
| 3 | Holguín | 9 | Matanzas |
| 5 | Santa Clara | 9 | Sancti-Spiritus |
| 6 | Babiney, P. Río | 9 | Nuevitas |
| 6 | La Habana | 10 | Trinidad |
| 6 | Camagüey | 10 | Nicaro, Hgui. |
| 7 | Salón, P. Río | 10 | Chivirico |
| 7 | Lomas del Jacán, Mtz. | 10 | Bayamo |
| 7 | Cienfuegos | 11 | Las Tunas |
| 7 | Ciego de Avila | 11 | Guantánamo |
| 7 | Baracoa | 12 | Artemisa |

**D.Prgr:** 1700-0400.

### AFRTS (US Navy)
**Addr:** US Naval Base, P.O. Box 22, FPO New York, NY 09406.
**Station:** Guantanamo Bay chA8 0.485kW.

## DOMINICAN REPUBLIC

**TV-sets:** 390.000 (incl. 11.000 colour sets) — **Colour:** NTSC.
**System:** M.

### RADIO TELEVISION DOMINICANA (Educ, Comm.)
**Addr:** P.O. Box 969, Sto. Domingo. **Te:** 689-2120. **Cable:** Ratdo.
**Stations:** chA4 16/3.2kW H, chA5 (Alto Bandera, La Vega) 5/1kW, chA12 (Pto. Plata) 1/0.2kW, chA 12 (La Romana) 5/1kW (repeater) + 4 relay sts.
**D.Prgr:** 1600-0300.

### RAHINTEL TELEVISION (Comm.)
**Addr:** Casilla 1220, Sto. Domingo. **Te:** 533-3151.
**L.P:** Gen. Mgr: Pedro P. Bonilla. Dir. Tec: V. Donastorg.
**Stations:** chA7 (Sto. Domingo) 316/158kW, chA11 (Sto. Cerro) 1.5/0.75kW, chA7 (Santiago) 5/2.5kW + repeater (Navisa) ch70 3/1.5kW.
**D.Prgr:** 1500-0300.

### CORPORACION DOMINICA DE RADIO Y TELEVISION (Color Vision) (Comm.)
**Addr:** Calle Emilio A. Morel Esquina Lulu Perez, Sto. Domingo.
**Te:** 566-5876. **Telex:** 326-4327.
**Stations:** chA9 (Sto. Domingo) 25/5kW, chA2 (Mogote) 5/2kW, chA9 (Pto. Plata) 2kW, chA9 (La Romana) 0.5kW.
**D.Prgr:** 1500-0300.

### TELESISTEMA DOMINICANO (Comm.)
**Addr:** Calle El Vergel 88, Ensanche El Vergel, Santo Domingo.
**Te:** 567-1251.
**Station:** HIWP-TV chA11.
**D.Prgr:** 1930-0300.

## EL SALVADOR

**TV-sets:** 300.000 (incl. 75.000 colour sets) — **Colour:** NTSC.
**System:** K.

### DIRECCION GENERAL DE COMUNICACION Y TECNOLOGIA EDUCATIVA (Gov.)
**Addr:** Ap. Postal 4, Nueva San Salvador. **Te:** 28-0499.
**L.P:** Dir. Gen: Prof. C. Antonio Burros.
**Stations:** YSWE chA8 109/5kW, YSWD chA10 109/5kW.
**D.Prgr: ch8:** 1330 (Sat 1030, Sun 1500)-0400 (Sat/Sun 0430).
**Ch10:** 1230-0430 (Sun 1900-0400).

### CANAL DOS S.A. (Comm.)
**Addr:** Ap. Postal 720, San Salvador. **Te:** 23-6744. **Cable:** Teledos. **Telex:** 30043.
**Station:** YSR-TV chA2 100/25kW.
**D.Prgr:** 1730-0530.

### CANAL 4 (Comm.)
**Addr:** Ap. Postal 720, San Salvador. **Te:** 230710.
**Station:** YSU-TV chA4 75/37.5kW.
**D. Prgr:** 2100 (Sat/Sun 1500)-0600.

### CANAL 6 (Comm.)
**Addr:** Km. 6, Carretera Panamericana a Santa Tecla, San Salvador. **Te:** 235122.
**L.P:** Dir. Gen: Dr. P.L. Moreno Monge.
**Station:** YSLA-TV chA6 150kW.
**D.Prgr:** 2300 (Sat/Sun 1700)-0600.

## GRENADA

### TELEVISION GRENADA
**Addr:** Scotts Street, St. George's. Ch. and operating times unknown.

## GUADELOUPE

**TV-sets:** 46.000 (incl. 6.000 colour sets) — **Colour:** SECAM.
**System:** K'.

### RFO-GUADELOUPE
**Addr: & L.P:** see radio.

**Stations:** Basse Terre chK'5 2kW, Morne a Louis chK'6 0.5kW, Marigot (Isle of St. Martin) chK'7 0.1kW, Pointe à Pitre chK'8 0.1kW + low power repeaters less than 10kW.
**D. Prgr:** 1900-0230 — **ALF:** 221 Frcs.

## GUATEMALA

**TV-sets:** 205.000 (incl. 40.000 colour sets) — **Colour:** NTSC.
**System:** M.

### TELEVISION CULTURAL EDUCATIVA (Gov.)

**Addr:** 4a Calle 18-38 Zona 1, Guatemala. **Te:** 531913.
**Station:** TGCE-TV chA5
**D.Prgr:** 2200-0500.

### RADIO-TELEVISION GUATEMALA S.A. (Comm.)

**Addr:** Apt. 1367, Guatemala. **Te:** 922491. **Cable:** Teletenango.
**L.P:** Gen. Mgr. & Film Buyer: F. Villanueva. Dir. Tec: E. Sandoval.
**Station:** TGV-TV chA3 100/25kW H + 2 repeaters.
**D.Prgr:** 1800-0600.

### TELE ONCE (Comm.)

**Addr:** Ca. 20, 5-02, Zona 10, Guatemala. **Te:** 682165.
**Cable:** Teleonce.
**L.P:** Dir: A. Mourra; Gen. Mgr. & Film Buyer: F. Bianchi; Dir. Tec: C. Linde.
**Station:** TGMO-TV chA11 316/63kW (+ 2 repeaters).
**D.Prgr:** 1800-0600.

### TELEVISIETE S.A. (Comm.)

**Addr:** Ap. Postal 1242, Guatemala. **Te:** 62216. **Cable:** TVsiete.
**L.P:** Dir. Gen: Dr. J. Villanueva P; Dir. Tec: M. Mazariegos.
**Station:** TGVG-TV chA7 108/22kW H (repeaters chA6, chA7 and chA13).
**D.Prgr:** 1800-0600.

### TRECEVISION S.A. (Comm.)

**Addr:** 3a Calle 10-70, Zona 10, Guatemala. **Te:** 63266.
**Telex:** 6070 Trece GU.
**L.P:** Dir. Gen: G. Valladores. Dir. Tec: Mario Batres S.
**Station:** TGSS-TV chA13 25/5kW (+ 12 repeaters).
**D.Prgr:** 1800-0600.

## HAITI

**TV-sets:** 65.000 (incl. 12.000 colour sets) — **Colour:** NTSC.
**System:** M.

### TELEVISION NATIONALE D'HAITI (Gov, Cult.)

**Addr:** P.O. Box 13400 Delmas 31, Port-au-Prince. **Te:** 6-0200.
**Cable:** Telenah. **Telex:** 2030416 Telenah.
**L.P:** Dir. Gen: Jacques Lemaire.
**Stations:** 4VTNH Port-au-Prince ch8 0.3kW, ch10 5kW.
**D.Prgr:** 2100-0400 in French & Creole.

### TELE-HAITI S.A. (Comm.)

Operates Cable-TV 24h on ch3, 5 & 6; 2100-0400 on ch2 & 4.

## HONDURAS (Rep.)

**TV-sets:** 136.000 — **Colour:** NTSC — **System:** M.

### COMPANIA TELEVISORA HONDUREÑA, S.A. (Comm.)

**Addr:** Apt. Postal 734, Tegucigalpa. **Te:** 32-8086.
**L.P:** Dir. Gen: J.R. Ferrari. Dir. Tec: S. Flores.
**Station:** HRTG-TV chA5 150/30kW V. Relay sts: chA9 (San Pedro Sula, Bañaderos, Comayagua), chA5 (Santa Rosa de Copán), chA13 (Santa Cruz de Yojoa & Tela).
**D.Prgr:** 1700-2000, 2300-0500.

### TELESISTEMA HONDUREÑO S.A. (Comm.)

**Addr:** Blvd Suyapa, Tegucigalpa.
**Station:** HRNN-TV chA3 4/0.8kW. Relay sts: chA3 (Tela), chA7 (Comayagua & Bañaderos).
**D.Prgr:** 2300-0500.

### COMPAÑIA BROADCASTING CENTROAMERICANA S.A. (Comm.)

**Addr:** San Pedro Sula.
**Station:** chA6 5/1kW.
**D.Prgr:** 2300-0500.

## JAMAICA

**TV-sets:** 200.500 — **Colour:** NTSC — **System:** M.

### JAMAICA BROADCASTING CORPORATION (Comm.)

**Addr:** P.O. Box 100, Kingston 10.
**Te:** 926 5620. **Cable:** Jarad.
**L.P:** See radio.
**Station:** HWT chA11 11kW (ERP).
**Relay sts:** Coopers Hill chA7 33kW, Port Antonio chA8 12.2kW, Montego Bay chA9 16.5kW, Yallahs chA9 12.2kW, Oracabessa chA12 12.2kW, Spurtree chA13 33kW, Flower Hill chA9 33kW.
**D.Prgr:** 2200 (Sat 1930, Sun 1900)-0500.

## MARTINIQUE

**TV-sets:** 42.500 (incl. 6.800 colour sets) — **Colour:** SECAM.
**System:** K'.

### SOCIÉTÉ NATIONAL DE RADIO-TÉLÉVISION D'OUTRE MER (RFO)

**Addr. and L.P:** See radio.
**Stations:** Fort de France chK'4 1kW, La Trinité chK'6 0.05kW, St. Pierre chK'6 0.05kW, Morne Rouge chK'8 0.05kW + 6 low power repeaters less than 10W.
**D. Prgr:** 2200 (Sun 2000)-0300 — **ALF:** N. Frcs. 280,-.

## MÉXICO

**TV-sets:** 7.550.000 (incl. 2.800.000 colour sets) — **Colour:** NTSC. — **System:** M.
**Stations:** Pol H, "L" in Netw columns indicates station originates local programming. Call — TV.

| | Call | chA | kW | Net | Location |
|---|---|---|---|---|---|
| 1) | XHIA | 2 | 13.5 | L | Torreon |
| 2A) | XEPM | 2 | 25 | 2 | Cd. Juárez |
| 3) | XHCH | 2 | 2 | 5 | Chihuahua |
| 4a) | XEW | 2 | 100 | 2 | México |
| 5a) | XHAP | 2 | 0.4 | 2 | Acapulco |
| 8) | XHI | 2 | 86 | L | Cd. Obregon |
| 77) | XHJR | 2 | 2.3 | — | Cerro de Tuxpan |
| 10) | XHRIO | 2 | 100 | 1 | Matamoros |
| 9) | XHFA | 2 | 0.9 | L | Nogales |
| 11A) | XHFE | 2 | 21.4 | L | Nuevo Laredo |
| 12) | XHFM | 2 | 14 | 8 | Veracruz |
| 12A) | XEWO | 2 | 25 | 2 | Guadalajara |
| 83) | XHIR | 2 | 2.3 | — | Iguala, Gro. |
| 13A) | XHBC | 3 | 100 | L | Mexicali |
| 15) | XHJMA | 2 | 2 | — | Tinajas-Parral, Chih. |
| 15A) | XHKA | 2 | 1.2 | 2 | Tepic |
| 16A) | XEFB | 3 | 100 | L | Monterrey |
| 17) | XHP | 3 | 5 | 8 | Puebla |
| 4B) | XEZ | 2 | 25 | 2 | Cerro del Zamorano, Qro. |
| 18) | XHQ | 3 | 100 | L | Culiacan |
| 19) | XHCV | 3 | 0.5 | 2 | Coatzacoalcos |
| 88) | XHHP | 3 | 100 | — | Soto la Marina, Tamps. |
| 20A) | XHY | 3 | 38 | L | Merida |
| 21B) | XEBQ | 3 | 25 | 5 | Zacatecas |
| 89) | XHPN | 3 | 6 | — | Piedras Negras, Coah. |
| 22) | XENL | 4 | 3.6 | L+5 | Torreon |
| 23) | XHIT | 4 | 22 | — | Chihuahua |
| 77) | XHJCM | 4 | 1 | — | Aguascalientes |
| 35) | XHGV | 4 | 100 | — | Las Lajas, Ver. |
| 24A) | XHTV | 4 | 25 | 4 | México |

| | Call | chA | kW | Net | Location |
|---|---|---|---|---|---|
| 7B) | XHG | 4 | 88 | L | Guadalajara |
| 25) | XHAF | 4 | 4 | — | Tepic, Nay |
| 77) | XHAO | 4 | 100 | — | Cerro de Tzontehuitz |
| 26) | XHBS | 4 | 2.5 | 2 | Los Mochis/Cd. Obregon |
| 27A) | XHD | 4 | 5 | 2 | Tampico |
| 27B) | XHAL | 4 | 2 | L+5 | Acapulco, Gro. |
| 28) | XHAQ | 5 | 55 | L | Mexicali |
| 29) | XHAE | 5 | 5 | 2 | Saltillo, Coah |
| 30) | XHCC | 5 | 1 | 5 | Colima, Col. |
| 2) | XEJ | 5 | 10 | L | Cd. Juárez |
| 31) | XHFE | 5 | 2 | 2 | Chihuahua |
| 32A) | XHGC | 5 | 100 | 5 | México |
| 77) | XHGE | 5 | 35 | — | Cerro Entre Hermanos |
| 32B) | XHAJ | 5 | 25 | 5 | Las Lajas, Ver. |
| 14B) | XHZ | 5 | 100 | 5 | Zamorano, Qro. |
| 34) | XETV | 6 | 100 | — | Tijuana |
| 36) | XET | 6 | 80 | 5 | Monterrey |
| 38) | XEWN | 6 | 2.5 | 2 | Hermosillo |
| 35) | XEDK | 6 | 83 | — | Guadalajara |
| 91) | XHTI | 6 | 10.6 | — | Hermosillo |
| 39) | XHAD | 7 | 2 | 5 | Saltillo |
| 41) | XHAA | 7 | 24.5 | 2 | Tapachula |
| 24B) | XEX | 7 | 35 | 5 | Altzomoni |
| 43) | XHBN | 7 | 2 | 2 | Oaxaca |
| 45) | XHBT | 7 | 16.5 | 2 | Culiacan |
| 46) | XHMZ | 7 | 5 | L+5 | Mazatlán |
| 84) | XHDU | 7 | 36 | — | Durango |
| 85) | XHBX | 7 | 2 | — | Chetumal |
| 48) | XHAB | 7 | 10 | 2 | Matamoros |
| 48A) | XHGO | 7 | 84 | L | Tampico |
| 92) | XHAD | 7 | 10.6 | — | Saltillo, Coah |
| 93) | XHBZ | 7 | 1.2 | 2 | Colima, Col. |
| 94) | XHTN | 7 | 5 | — | Nogales, Son. |
| 49A) | XHBD | 8 | 5.5 | 2 | Zacatecas |
| 50) | XHTX | 8 | 8.15 | — | Tuxtla Gutierrez |
| 51) | XHBU | 8 | 0.8 | 2 | Cd. Jimenez, Chih. |
| 33B) | XHTM | 8 | 305 | 8 | México |
| 53) | XHUS | 8 | 1.6 | — | Hermosillo |
| 4C) | XHAH | 8 | 27.7 | 2 | Las Lajas, Ver. |
| 55) | XHBF | 8 | 2 | 2 | Navojoa |
| 95) | XHFN | 8 | 17.5 | — | Monterrey |
| 58) | XHGA | 9 | 80 | 5 | Guadalajara |
| 77) | XHKF | 9 | 200 | — | Cd. Guzmán |
| 4D) | XEQ | 9 | 35 | 2 | Altzomoni, México |
| 32C) | XHTW | 9 | 47.4 | — | Queretaro |
| 20B) | XHPP | 9 | 55 | 2 | Merida |
| 54) | XHFW | 9 | 50/5 | L+5 | Tampico |
| 95) | XERV | 9 | 5 | 2 | Reynosa |
| 96) | XHBW | 9 | — | — | Monclova, Coah |
| 97) | XHTVL | 9 | 325 | L | Villahermosa |
| 60) | XHK | 10 | 8 | L | La Paz |
| 77) | XHIE | 10 | 200 | — | Acapulco |
| 61) | XHA | 10 | 0.5 | 2 | Durango |
| 62) | XHL | 10 | 150 | L+2 | Leon |
| 63) | XHKW | 10 | 0.5 | 2 | Morelia |
| 64) | XHKG | 10 | 3.8 | — | Tepic |
| 16B) | XHX | 10 | 25 | 2 | Monterrey |
| 66) | XHTH | 10 | 6 | — | Hermosillo |
| 24C) | XHAI | 10 | 17.5 | 4 | Las Lajas, Ver. |
| 67) | XHO | 11 | 12 | 2 | Torreon |
| 68) | XHIPN | 11 | 300 | L | México |
| 77) | XHDH | 11 | 10 | — | Merida |
| 77) | XHBE | 11 | 125 | — | Cerro de Agua Dulce |
| 77) | XHDG | 11 | 100 | — | Oazaca |
| 77) | XHDD | 11 | 40 | — | Cerro de los Caballos |
| 69) | XHTK | 11 | 2 | 2 | Cd. Victoria |
| 98) | XHDQ | 11 | 50 | — | Coatzacoalcos |
| 11B) | XHBR | 11 | 3.5 | 2 | Nuevo Laredo |
| 70) | XEWT | 12 | 66 | L | Tijuana |
| 71) | XHAN | 12 | 13.7 | 2 | Campeche |
| 71A) | XHCK | 12 | 0.1 | 2 | Chilpancingo |
| 73) | XHAW | 12 | 100 | L | Monterrey |
| 99) | XHAK | 12 | 1.5 | — | Hermosillo |
| 74) | XHCG | 12 | 2 | — | Los Mochis |
| 75) | XHOW | 12 | 2 | 2 | Mazatlán |
| 77) | XHMAS | 12 | 25 | — | Cerro de Culiacan |
| 77) | XHIG | 12 | 125 | — | Cerro Palma Sola |
| 77) | XHGTO | 12 | 0.7 | — | Cerro Tepozan |
| 86) | XHMH | 12 | 1 | L | Hidalgo del Parral |
| 86A) | XHND | 12 | 1 | L | Durango |
| 49B) | XHAG | 13 | 0.1 | 5 | Aguascalientes |
| 77) | XHDF | 13 | 310 | L | México |
| 78) | XHOL | 13 | 8.2 | — | Culiacan |
| 77) | XHJAL | 13 | 167 | — | Cerro de Santa Fe |
| 77) | XHIC | 13 | 100 | — | Las Lajas, Ver. |
| 77) | XHCUR | 13 | 9 | — | Tres Cumbres |
| 79) | XHLL | 13 | 5 | 2 | Villahermosa |
| 100) | XHUT | 13 | 2 | 5 | Cd. Victoria, Tamps. |
| 81) | XHST | 13 | 54 | L | Merida |
| 81A) | XHDE | 13 | 50 | L | San Luis Potosi, SLP |
| 87) | XHBM | 14 | 10 | 2 | Mexicali |
| 82) | XHS | 23 | 18 | L | Ensenada |
| 100A) | — | 33 | 10 | 2 | Tijuana |
| 101) | XHIJ | 44 | 5 | — | Cd. Juárez, Chih. |

(Low power relay stations less than 0.1kW omitted).

## TELEVISION CULTURAL DE MÉXICO (Gov.)

**ADDR:** Secretaria de Comunicaciones y Transportes, Comision de Radiodifusion, Torre de Comunicaciones, Insurgentes Sur, México, DF. Transmits programmes selected from all México DF stations (plus some TCM-produced programmes) to a network of 20 low-power relay stations, in addition to those listed above.

**TELEVISA, S.A: Addr:** Edificio Televicentro, Chapultepec 18, México 7, DF. **Te:** 585-33-33. **L.P:** Chairman of the Board: Romulo O'Farrill, Jr. Pres: Emilio Azcarraga Milmo. Exec. Vice-Pres: Lic Miguel Aleman Velasco. Corporate Vice-Pres: Alejandro Sada. V.P. for International Affairs: Guillermo Canedo. Vice-Pres. of Operations: Fernando Diez Barroso. Dir. Tec: Ing. Alejandro Meza.

**Studio Addr:** Blvd. A. Lopez Materos 232, México 20, DF. **Te:** 550-80-88. Operates four networks.

**Cadena Canal 2:** Key station XEWT-TV. **D.Prgr:** 24h.

**Cadena Canal 4:** Key station XHTV. **D.Prgr:** 1300 (Sat/Sun 2000)-0730.

**Cadena Canal 5:** Key station: XHGC-TV. **D.Prgr:** 1400-0845.

**Cadena Canal 8:** Key station: XHTM-TV. **D.Prgr:** 1500-0830.

1) Av. Hidalgo 629 Ptc, Torreon, Coah.
2) Television de la Frontera, Vicente Guerrero 704, Cd. Juarez, Chih. 2B) 2300-0600.
2A) Telesistema del Norte, Ap. 271, Ciudad Juarez, Chih.
3) Av. Independencia 4201, Chihuahua, Chih.
4A) Televisora de Guanajuata, Av. Chapultepec 18, México 1, DF. 24h.
4B) Televisora del Centro, Domicilio Conocido, Cerro del Zamorano, Qro.
4D) "Radio Panamericana" S.A., Mariano Escobedo 510, 6° piso, México, DF.
5AB) Cerro de los Lirios, Gro.
7AB) Televisora de Occidente, Alamania 1469, Guadalajara, Jal.
7B) 1930-0600
8) Televisora del Yaqui, Miguel Aleman 424 Sur, Cd. Obregon, Son — Dir. Gen: C. Sandoval R. Mgr: J. Hernandez C. Dir. Tec: Ing. F. Harrison I. Film Buyer: Ing. E. Serrano C — 1400 (Sat/Sun 1600)-0700.
9) Television del Noreste, Ap. 600, Nogales, Son (relay st. 77).
10) Cadena Radiotelevisora del Norte, Av. Cuauhtémoc y Doce, Matamoros, Tamps.
11A) Aldama 2611, Apto. 4157, Nuevo Laredo, Tams.
11B) Calle de Mina 2216, Nuevo Laredo, Tams.
12) Television del Golfo, Simon Bolivar 1517, Veracruz, Ver.
12A) See 7A.
13A) Television Independente de Mexicali, Apdo. Postal 1356, Mexicali, BC — Gte: E. Hoge Fragezo. 2130-0830.
14B) Television de Guanajuato SA, Cerro del Zamorano, Qro.
15) Ap. 219, Hidalgo del Parral, Chih — Gte: L. Olguin C.
16AB) Televicentro de Monterrey, Espinoza Pte. 780, Monterrey, NL — Gte: M. Quintanilla G. Dir. Tec: A. Tamez.
16A) 1300-0600.
17) Television de Puebla, Zacatlan 42, Col. La Paz, Puebla, Pue — Gte: L. Lopez. 2000-0600.
18) Ap. 337, Culiacan, Sin — Gte: C. Corrales L. 2300-0700.
19) Prol. Aquilles, Serdan, Coatzacoalcos, Ver.
20AB) Televisora de Yucatan, Calle 60 385, Merida, Yuc.
20A) 2300-0500 (Sun 1500-1900, 2300-0415).
21B) Telecadena Mexica S.A., Zacatecas (relays st. 74).
22) Televisora de la Laguna, Urraza y Calle Fondo, Torreon, Coah — Gte: J.A. Melendez.
23) Zarco 3604, Chihuahua, Chih — Gte: R. Urange P.
24ABC) Av. Chapultepec 18, México 1, DF.

26) Ap. 337, Culiacan, Sin — Gte: F.C.O. Madero.
27A) Televisora de Tampico S.A., Tampico, Tams.
27B) Televisora de Acapulco, Cerro de los Lirios, Guerrero, Acapulco.
28) Television Independente de Mexicali S.A., 207 & 208 Planta Baja del Edif. Bertha, Mexicali, BC.
29) Televisora del Norte, Fortin de Carlota y Jose Ma. Morelos, Saltillo, Coah.
31) Calle 25 No. 2504, Chihuahua, Chih.
32A) Television Gonzalez Camarena, Av. Chapultepec 18, México 1, DF.
32B) Television Regional Vera Cruzana, Av. Diaz Miron 283, Veracruz, Ver.
32C) relays st. 77.
33B) Av. Chapultepec 18, Mexico 1, DF.
34) Ap. 121, Tijuana, BC. (Note: Operates as USA station as ABC network affiliate for San Diego; subject to revocation) — Gte: Felipe Fernandez. 1330-0800
35) Television Tapatia, Av. Circunvalacion Num. 265, Guadalajara, Jal 44540 — Dir. Gen: C. Serna Alvear; Dir. & Film Buyer: C.E. Linares U; Dir. Tec: C. Sanchez M — ch6: 1900-0600; ch4: 1830-0600.
36) Television del Norte, Jimenez Nte. 730, Monterrey, NL — Gte: Armando Solis B.
38) Veracruz y Loaiza, Hermosillo, Son.
39) Corona Pte. 348, Saltillo, Coah — Gte: A. Jaubert A.
41) 11 Ave. Nte. y 3a Calle Ote, Tapachula, Chis.
43) Cerro del Fortin s/n, Oaxaca, Oax.
45) Ap. 337, Culiacan, Sin — Gte: Lic. Carlos Gama D.
46) Ap. 60, Mazatlan, Sin — Gte: O. Perez G.
48) Calle 12, 5 sur, Matamoros, Tams.
48A) Televisora del Golf, S.A., Bolivar 104, Col. Campbell, Tampico, Tamps. 2200-0600
49AB) Cerro de los Gallos, Aguascalientes, Ags. (relays 4A).
50) 14 Pte. y 13 Nte. Tuxtla Gutierrez, Chis.
53) Universidad de Sonora, Hermosillo, Son. (cultural). 0300-0700
54) Ejército Nacional no. 713, Tampico, Tamps.
55) Navojoa, Son — Dir. Tec: G. Silva A. 1230-0730
58) 16 de Septiembre 730, Condominio Guadalajara, Guadalajara, Jal — Gte: Ing. F.J. Becerra. 2200-0600.
60) Ap. 222, La Paz, BC. Sur — Dir: F. King.
61) Ap. 405, Durango, Dgo — Gte: B.B. De Stevenson.
62) Ap. 751, Leon, Gto — Gte: F. Galindo R.
63) Acueducto y Zaragoza, Morelia, Mich.
64) Queretaro 225 Nte, Tepic, Nay — Gte: R. Mondragon G.
66) Presqueira y Comonfort, Hermosillo, Son.
67) Av. Urraza y Rodrigues, Torreon, Coah.
68) Instituto Politenico Nacional, Prolong. Carpio 475, Casco de Santo Tomas, México 17, DF — Dir. Gen: Ing. R. Porras B. Prgr. Dir: A. Cuspinera O — W 2200-0530, Sat 1800-0500, Sun 2300-0500 (cultural).
69) Argentina Sur 415, Cd. Victoria, Tams.
70) Apto Postal 12, Tijuana BC — Gte: J. Marquez — 2100-0800
71) Carretero del Golfo K-8398, Fina Entre Hermanos, Campeche, Camp — Gte: Andres Garcia Lavin. (repeats 4A).
71A) Television de Chilpancingo, Av. Chapultepec, México 1, DF.
72A) Canales de Television Populares, Boulevard Transversal, Esq. I. Romero, Hermosillo, Son.
73) Jesus D. Gonzalez, Paricutin 312, Sur, Col. Roma.
74) Cerro de la Memorria, Los Mochis, Sin — Gte: S.F. Orozco.
75) Ap. 211, Mazatlan, Sin — Gte: C.H. Gama D.
77) Corporacion Mexicana de Radio y Televisión, Av. Periferico Sur 4121, México 14141, DF — Dir. Gen: R. Martinez-Ostos. Dir. of Prgrs: J. Tapia. Dir. Tec: V. Fernandez. 1300-0700 (+42 repeaters).
78) Rosales y J. Carrasco 620, Culiacan, Sin.
79) Paseo Usumacinta y Ayuntamiento, Villahermosa, Tab.
81) Sistema Teleyucatan, Paseo de la Reforma no. 45, Piso 16, México DF — Gte: O. Reguera B.
81A) Venustiano Carranza 1030, Despacho 403, San Luis Potosi.
82) Tele Ensenada, Av. Punta Eugenia 188, Ensenada, BC — Gte: Ing: A. Badillo V — 0000-0800
85) Tele Radio Nacional, Chetumal, Q. Roo.
87) Televisión del Mar de Cortés, Av. Chapultepec 19, México 1.
91) Televisora de Hermosillo, Av. Veracruz y Manuel Locuza s/a, Hermosillo, Son.
99) Canales de Televisión Populares, Blvd. Transversal e I. Romero, Hermosillo, Son.

## MONTSERRAT

**TV-sets:** 1.100 — **System:** M — **Colour:** NTSC.

### ANTILLES TV LIMITED (Comm.)

**Addr:** P.O. Box 342, Plymouth, Montserrat. **Te:** 2226.
**L.P:** Gen. Mgr: K. Osborne. Dir. Tec: Jean-Louis Marquet. Dir. of Prgrs: P. Comminges.
**Station:** Chance Pic chA7 (48kW towards Dominica, 3kW towards Antigua & St. Kitts).
**D. Prgrs:** 1000-1110, 2000-0400 (Fri/Sat 0700).

## NETHERLANDS ANTILLES

**TV-sets:** 57.000 (incl. 19.000 colour sets) — **Colour:** NTSC.
**System:** M.

### NETHERLANDS ANTILLES TELEVISION

(Gov. owned).
**Addr:** P.O. Box 415, Curaçao. **Te:** 11288.
**L.P:** Gen. Mgr: Norbert Hendrikse. Dir. Tec: J. Rufina.
**Stations:** chA8 20/5kW H (Telecuraçao) — chA13 3/0.6kW H (Telearuba).
**D.Prgr:** 2000-0345.

### LEEWARD BROADC. CORPO — TELEVISION

**Addr:** P.O. Box 375, Philipsburg, St. Maarten.
**Station:** chA7 5kW.
**D.Prgr:** 1800-0430.

## NICARAGUA

**TV-sets:** 140.000 (incl. 40.000 colour sets) — **Colour:** NTSC.
**System:** M.

### SISTEMA SANDINISTA DE TELEVISION (Gov.)

**Addr:** Ap. 1505 & 1741, Managua.
**Te:** 60118. **Telex:** 1226 Sandino.
**L.P:** Dir: Ivan Garcia C. Dir. Int. Rel: M. Mendoza H.
**Stations:** chA2 50/20kW, chA6 6/3kW H.
**Repeaters:** chA7 (Esteli), chA9 (Leon), chA13 (Matagalpa), chA13 (Jinotega).
**D.Prgr:** 2030-0600 (approx.)

## PANAMA

**TV-sets:** 240.000 (incl. 50.000 colour sets) — **Colour:** NTSC.
**System:** M.

### CIRCUITO RPC-TELEVISION (Comm.)

**Addr:** Apt. 1795, Panama 1. **Te:** 250160.
**Stations:** Panama HOH21-TV chA4 288/28.8kW, La Palma chA5 1/0.1kW, David chA6 25/12.5kW, Sona chA7 94/3.98kW, Las Margaritas chA12 25/12.5kW, Bocas del Toro chA12 10/1kW, Santiago chA3 16/3.2kW, Volcan chA4 2/0.2kW.
**D.Prgr:** 1330-0600.

### TELEVISORA NACIONAL S.A. (Priv. Comm.)

**Addr:** Apt. 8371, Panama. **Te:** 61-3222. **Cable:** Telena.
**Stations:** HOU34-TV chA2 90/45kW. Repeaters: Las Margaritas chA6 20/10kW, Altamira chA9 8/4kW, C. de Piedra chA2 1.25/0.625kW.
**D.Prgr:** 1630-0500.

## PUERTO RICO

**TV-sets:** 815.000 — **Colour:** NTSC — **System:** M.
**Stations**

| | Call | ch | kW | | Call | ch | kW |
|---|---|---|---|---|---|---|---|
| 1) | WKAQ-TV | 2 | 53.7/10 | 6) | WLUZ-TV | 7 | 166/22.4 |
| 2) | WIPM-TV | 3 | 35/3.5 | 7) | WSUR-TV | 9 | 57.5/7.24 |
| 3) | WAPA-TV | 4 | 53.7/8.1 | 8) | WKBM-TV | 11 | 200/39.8 |
| 4) | WORA-TV | 5 | 95.5/19.1 | 9) | WOLE-TV | 12 | 316/31.6 |
| 5) | WIPR-TV | 6 | 53.7/5.37 | 10) | WVEO-TV | 44 | 948/198 |

1) Telemundo Inc, P.O. Box W, San Juan 00936 — Dir. Gen: P.F. Albi. St. Mgr: Rafael Ruiz. Dir Tec: M. Collazo. 1210-0500 (+ 8 relay sts).
2) Dept. of Education, Box 449, Mayagüez 00708 — Gen. Mgr: Eliezer Caro Martínez. 1800-0500 (Sat/Sun 1330-0400).
3) Puerto Rico Broadc. Inc, GPO Box 2050, San Juan 00936 — Gen. Mgr. & Film Buyer: R. Moore. Dir. Tec: Dr. J. Brito.
4) Quality Telecasting Corpo, Box 43, Mayagüez 00708 — St. Mgr. & Film Buyer: E. Bado. Dir. Tec: G.A. Bonet. 1200-0400.
5) Dept. of Education, San Juan. 1900-0400.
6) Ponce TV Corpo, Darlington Bldg, Ponce 00731 — Pres: L.T. Muniz. Gen. Mgr: E. Rubiano. Dir. Tec: D. Baez. Prgrs: as for st. 2.
7) Box S-4189, San Juan 00905 (belongs to 8).
8) American Colonial Broadc. Corp, Avenida Condado 657, Caguas 00905 — Gen. Mgr: Elenterio Vega. Chief Eng: R. Beurket. 1230-0430.
9) Western Broadc. Corpo. of Puerto Rico, Box 1200, Mayagüez 00709 — Gen. Mgr. & Film Buyer: A. Nazario. Dir. Tec: D. Oriol. 1245-0500.
10) Video Empresas Del Oeste Inc, Box W, GPO, Aguadilla 00603.

### AFRTS (US Mil.)

**Addr:** US Naval Station, Box 3029, FPO Miami 34051.
**Stations:** Roosevelt Roads chA40 1kW, Ft. Allen ch40 0.05kW, Borinquen chA40 0.1kW.

## ST. KITTS & NEVIS

**TV-sets:** 4.500 (incl. 3.000 colour sets) — **Colour:** NTSC
**System:** M.

### ZIZ TELEVISION (Gov, Comm.)

**Addr:** P.O. Box 555, Basseterre, St. Kitts. **Te:** 2621.
**L.P:** Gen. Mgr: G.O. Caines. Dir. Tec: Z.A. Joseph.
**Stations:** Basseterre chA5 20/5kW H. (Relay sts: Basseterre chA2 200/40W, Sandy Point chA9 15/3W, Nevis chA13 42/2.5W).
**D.Prgr:** 2200-0230.

## TRINIDAD & TOBAGO

**TV-sets:** 250.000 (incl. 60.000 colour sets) — **Colour:** NTSC.
**System:** M.

### TRINIDAD & TOBAGO TELEVISION CO. LTD.

**Addr:** P.O. Box 665, Port of Spain.
**Te:** 24141. **Cable:** Television Trinidad.
**L.P:** Gen. Mgr: John Barsotti. Sales Mgr: L. Rochard. Dir. Prgr: Ms. E. Bethelmy.
**Stations:** chA2 30/3kW, chA13 2/0.2kW. Relay st. chA13 (Tobago) 1.2/0.1kW. — chA9 (Prgr. II) + 1 relay st.
**D.Prgrs: Prgr. I:** 2130 (Sat/Sun 2100)-0400 — **Prgr. II:** 2200-0400.

## VIRGIN ISLANDS (American)

**TV-sets:** 30.000 — **Colour:** NTSC — **System:** M.

### CARIBBEAN BROADCASTING CORPORATION

**Addr:** Box 1947, Charlotte Amalie, St. Thomas 00801.
**Te:** (809) 774-0300.
**L.P:** Pres: V. O'Connell. Vice Pres: J. Potter. Gen. Mgr: R. Hagan.
**Station:** WBNB-TV chA10 113/76kW.

### VIRGIN ISLANDS PUBLIC TV-SYSTEM

**Addr:** Box 7879, Charlotte Amalie, St. Thomas 00801. **Te:** (809) 774-6255.
**L.P:** Gen. Mgr: C.F. Bastian; Dir. Tec: Alex Godwin.
**Station:** WTJX-TV chA12 31.6/6.32kW.

## VIRGIN ISLANDS (British)

**TV-sets:** 2.450 — **Colour:** NTSC — **System:** M.

### TELEVISION WEST INDIES LTD. (Comm.)

**Addr:** P.O. Box 34, Broadcast Peak, Chawell, Tortola, BVI.
**Te:** 43332.
**Station:** ZBTV (Tortola) chA5 30/3kW.

# SOUTH AMERICA

## ARGENTINA

**TV-sets:** 5.915.000 (incl. 825.000 colour sets) — **Colour:** PAL.
**System:** N — all st's comm.

### ASOCIACIÓN DE TELERADIODIFUSORAS ARGENTINAS (ATA)

**ADDR:** Av. Cordoba 323, 6°, 1054 Buenos Aires. **Te:** 32-4219.
**Telex:** 17253. **Cable:** Teleradio — **L.P.** Pres: Eduardo Oscar Farley.
**Stations:**

| | Call | chA | kW (ERP) | | Call | chA | kW (ERP) |
|---|---|---|---|---|---|---|---|
| 1) | LS86 | 2 | 100/10 | 19) | LU85 | 9 | 2.5/1.75 |
| 2) | LT83 | 3 | 10/12 | 19a) | LV91 | 9 | 0.5/0.05 |
| 3) | LU89 | 3 | 24/2.5 | 20) | IT81 | 9 | 5.6/1.4 |
| 4) | LT84 | 5 | 37.5/12.5 | 21) | LU82 | 10 | 4/1 |
| 5) | LV84 | 6 | 37.5/12.5 | 22) | LU85 | 10 | 70/20 |
| 5a) | LU93 | 6 | 7/1 | 23) | LW83 | 10 | 30/3 |
| 6) | LS82 | 7 | 250/50 | 24) | LS84 | 11 | 100/10 |
| 7) | LU81 | 7 | 45/22.4 | 25) | LT88 | 11 | 5/2.5 |
| 8) | LU84 | 7 | 36/18 | 26) | LU87 | 11 | 10/2 |
| 8a) | LU90 | 7 | 2 | 26a) | LW82 | 11 | 2/0.2 |
| 9) | LV89 | 7 | 15.4/5 | 27) | LV81 | 12 | 150/15 |
| 10) | LW80 | 7 | 12/6 | 28) | LT85 | 12 | 2/1 |
| 11) | LW81 | 7 | 4/2 | 29) | LU91 | 12 | 40/20 |
| 12) | LU86 | 8 | 8/2 | 30) | LS85 | 13 | 120/24 |
| 13) | LV82 | 8 | 16/4 | 31) | LT80 | 13 | 2 |
| 14) | LV85 | 8 | 50/5 | 32) | LT82 | 13 | 5/1 |
| 15) | LS83 | 9 | 25/17.5 | 33) | LU88 | 13 | 3.5/1.75 |
| 16) | LU80 | 9 | 119/30 | 34) | LV86 | 13 | 10/2 |
| 17) | LU83 | 9 | 2/0.5 | 35) | LV90 | 13 | 2 |
| 18) | LV83 | 9 | 70/14 | | | | |

**Operated by State Administrations:** 1), 3), 5), 9), 12), 15), 19), 19a), 22), 23), 24), 25), 26), 28), 29), 30), 35).
All st's affiliated to ATA.
1) Rivadavia TV S.A, Calle 36 e 2y 3, 1900 La Plata — Dir: Cel. (R) Aldo Gluglione. 1930 (Sat 1500)-0400 (Sat 0500, Sun 0430) (+ 5 relays).
2) Television Litoral S.A, Avda. Godoy 8101, 2000 Rosario — Dir. Gen: A.C. Gollan. St. Mgr: Ing. A. Mendez. Dir. Tec: J. Vila. Film Buyer: O.G. Conde. 1430-0430 (Sun 1300-0500) (+ 3 relays).
3) Estado Provincial de la Pampa, Casilla 139, 6300 Santa Rosa — Dir. Gen: Lic A.B. Cuenya. Dir. Tec: B.F. Gonzalez. Film Buyer: A.J. Germani. 1900-0400 (+ 4 translators).
4) Rader S.A, Av. Belgrano 1055, 2000 Rosario — Dir. Gen: Dr. Pedro A. Simoncini. 1430-0400 (Sat 0430) (+ 2 relays).
5) TV Rio Diamante, Luzuriaga 360, 5600 San Rafael — St. Dir: A. Nestor Larghi. 1930 (Sat/Sun 1430)-0330 (+ 3 relays).
5a) Bariloche Television SRL, P.O. Box 575, 8400 Bariloche — Dir: Gen: Alfred Sauter. Dir: J. Carlos Rossetti. Dir. Tec: V. Revithys. 1530-0330 (+ 3 relays).
6) Argentina Televisora Color S.A, Figueroa Alcorta 2977, 1425 Buenos Aires — Dir. Gen: Dr. E. Fischer. Dir: M.A. Merellano. Dir. Tec: C. Gerbasi, 1330-0400 (+ 3 relays).
7) Telba S.A, Blandengues 225, 8000 Bahía Blanca. Dir: Elsa E. Morel. 2000 (Sat 1530)-0330 (+ 3 relays).
8) Neuquén-TV S.A, Av. Argentina 1700, 8300 Neuquén — Dir: Rodolfo Rivaitz. 1530-0300 (Sat/Sun 0300) (+ 19 relays).

8a) Estado-Provincial, Av. Fontana 50, 9103 Rawson, Chubut — Dir: M. Lermann Consiglio (+ 5 relays).
9) Difusora Mendoza S.A, Garibaldi 7, 5500 Mendoza — Dir. Gen: J.E. Estornell. Dir. Tec: M. Rodriguez. 1530-0330 (+ 9 relays).
10) R. Visión Jujuy S.A, Av. 19 de Abril 749, 4600 San Salvador de Jujuy — Pres: Angel L. Marciani. 2000 (Sat 1930, Sun 1400) 0300 (+ 4 relays).
11) CAS TV S.A, Pellegrini 345, Stgo. del Estero — Dir: Carlos Ick. 2000-0300 (Sun 1530-0230) (+ 5 relays).
12) DIMAR S.A, Av. Luro 2907, 7600 Mar del Plata — Dir: A. Giutini. 1400-0500 (+ 3 relays).
13) LV82 Canal 8 TV San Juan, Rivadavia 22 Este, 5400 San Juan — Dir. Gen: J.E. Estornell; Dir. Tec: I. del Valle Mendez. Film Buyer: H. Omar G. 1530-0330 (Sat/Sun 0430) (+ 2 relays).
14) DICOR S.A, Rosario de Sante Fé 65, 5000 Córdoba — Dir: Juan Carlos Yadarola. 1930-0330 (+ 2 relay st.)
15) LS83 TV Canal 9 Buenos Aires, Gelly 3378, 1425 Buenos Aires — Dir: C.A. Battesti. 1455-0400 (Mon-Fri also 1000-1100).
16) Telenueva S.A, Sarmiento 54, 8000 Bahía Blanca — Dir. Gen: Diana Julio de Massot. Dir. Tec: J. Carlos Páez. Film Buyer: Sra Mónica Contal. 1530-0300 (+ 3 relays).
17) Comodoro Rivadavia TV, Rawson 1459, 9000 Comodoro Rivadavia — Dir. Gen: S.P. Fernandez. 1900-0330 (+ 6 relays).
18) Cuyo Television S.A, San Martín 1027, 5500 Mendoza — Dir: J.C. Escudero. 1500-0400 (+ 2 relays).
19) LU85 Canal 9, H. Irigoyen 250, 9400 Rio Gallegos, Sta. Cruz — Dir. Gen: Luisa Corradini. 1845-2300, 0200-0400 (Sat/Sun 1715-2300, 0200-0400) (+ 4 relays).
19a) Gobierno de la Pcia de la Rioja, La Rioja — Dir Gen: C. Silvestre Vega. Dir. Tec: E.E. Peiretti. Film Buyer: J. Montes Castro. 1500-0430 (+ 9 relays).
20) TV-Resistencia S.A, Av. Alvear 50, Resistencia, Chaco — Dir: L. Martín. 1500-0330 (+ 5 relays).
21) TV Mar del Plata S.A, Independencia 1163, 7600 Mar del Plata — Dir: H. Lago Beitía. 1500-0330 (+ 1 relay st.)
22) Universidad Nacional de Córdoba S.A, Rivera Indarte 170, 5000 Córdoba — Dir: G. Lagos. 1400-0330 (+ 5 relays).
23) Televisora de Tucumán S.A, Av. Buenos Aires 296, 4000 Tucumán — Dir: A. Alberto Lombana. Dir. Tec: J. Cesar Cicilla. Film Buyer: R. Albarracin. 1445-0400 (+ 1 relay st.)
24) Difusion Contemporanea S.A, Pavon 2444, Buenos Aires — Dir. Gen: Com. G. Mazza. Dir. Tec: C. Alberto Fernandez. 1400 (Sun 1300)-0400 (Sat 0500, Sun 0340).
25) LT88 Canal 11 Formosa, Tucumán 56, 5600 Formosa — Dir: H. Helbling. 1830 (Sat 1330)-0400 (Sun 0430) (+ 2 relays).
26) Canal 11 de Ushuaía, Magellanes 1400, 9410 Usuaía — Dir. Gen: W. Caballero. Dir. Tec: F. J. Mussino. Film Buyer: J.A. Martinez. 1530-0400.
26a) LW82 Canal 11, Salta, España 465, 4400 Salta — Dir. Gen: M.E. Lacroix. Dir. Tec: R. Gallo Solari. Film Buyer: E.C. de Gonzalez D. 1600 (Sun 1400)-0400 (Fri/Sun 0430, Sat 0500) (+ 4 relays).
27) Telecor S.A, Av. Fader 3469, Cerro de las Rosas, 5009 Córdoba — Dir. Gen: J.D. Bonaldi. Dir: H. Gilardini. Dir. Tec: R. Muñoz. Film Buyer: C. Bregorio. 1500-0400 (+ 6 relays).
28) Estado Provincial, Rioja 161, 3300 Posadas, Misiones — Dir: Oscar A. Pasquare. Dir. Tec: C. Carvallo. Film Buyer: Sra. C.M.F. de Jones. 1500-0430 (+ 9 relays).
29) Canal 12, Av. Garcia, Salinas 1815, 6400 Trenque Lauguen. Dir. Gen: A. Diaz Garcia; Dir. Tec: L. Olmos. 1530-1730, 2130-0330.
30) Rio de la Plata TV S.A, San Juan 1170, 1147 Buenos Aires — Dir: Cap. Carlos Grimaldi. Dir. Tec: J.B. De Nucci. 1400-0510 (Sun 0340).
31) Televisora Corrientes S.A, Calle 13 s/n, 3400 Corrientes — Dir: J.F. Gomez. 2000-0330 (Sat/Sun 1200-0400) (+ 3 relays).
32) Televisora Santafesina S.A, Blvd. Gálvez 840, 3000 Santa Fé — Dir: M. Alberto Bobbio. 1300-0400 (+ 3 relays).
33) Rio Grande TV, Manzana 71, 9420 Rio Grande, Tierra del Fuego — Dir: D. Eduardo Morgan. Film Buyer: D.E. Morgan. 1400-1830 (or 1900), Sun 1500-2130.
34) Imperio Televisión Color S.A, Alberdi 823, 5800 Rio Cuarto — Dir: G. Yenarópulos. 1500-0300 (Sat 0330).
35) Estado Provincial, Colón 925, 5700 San Luis — Dir: J. César Páez. 1330-0400.

## BOLIVIA

**TV-sets:** 387.000 (incl. 50.000 colour sets) — **Colour:** NTSC
**System:** M&N.

### EMPRESA NACIONAL DE TELEVISION BOLIVIANA (Gov, Comm.)

**Addr:** Casilla 900, La Paz. **Te:** 323292. **Telex:** 2312 TV Bol.
**L.P:** Dir. Gen: J. Barragán C. Dir. Tec: J. Luis Fernandez D.
**Stations** (System N): La Paz chA7 5/1kW, Oruro chA10 1/0.2kW, Cochabamba chA7 0.5/0.1kW, Sucre chA7 0.5/0.1kW, Tarija chA7 0.5/0.1kW, Potosi chA7 (0.5/0.1kW), Trinidad chA12 (0.5/0.1kW). (+ 27 low power relay st's.)
**D.Prgr:** 2100 (Sat/Sun 1500)-0400 (all colour).

### UNIVERSITY STATIONS (Educational)

**Addr:** Division of Infrastructura, Universidad Boliviana, Casilla 2255, La Paz. **Te:** 361183.
**L.P:** Dir: Lic. R. De la Quintana.

| Stations | ch | kW (ERP) | | ch | kW (ERP) |
|---|---|---|---|---|---|
| 1) La Paz | 13 | 1 | 5) Santa Cruz | 11 | 1 |
| 2) Tarija | 8 | 1 | 6) Cochabamba | 11 | 0.1 |
| 3) Potosi | 9 | 0.1 | 7) Sucre | 12 | 0.1 |
| 4) Trinidad (Beni) | 10 | 0.1 | 8) Oruro | 13 | 0.1 |

**D.Prgr:** 2200 (Sat/Sun 1500)-0400.
**Addresses:**
1) TV Universitaria, Casilla 2255, La Paz — Dir: F. Calderón B.
2) TV Universitaria, Av. Las Americas s/n, Tarija.
3) TV Universitaria, Casilla 36, Potosí.
4) TV Universitaria, Trinidad (Beni).
5) TV Universitaria, Casilla 702, Santa Cruz.
6) TV Universitaria, Calle 25 de Mayo 145, Cochabamba.
7) TV Universitaria, C. Estudiante y Junin s/n, Sucre.
8) TV Universitaria, Oruro.

## BRAZIL

**TV-sets:** 23.000.000 (incl. 8.500.000 colour sets). **Colour:** PAL—
**System:** M.
All st's comm. exc. where indicated.

### ASSOCIAÇÃO BRASILEIRA DE EMISSORAS DE RADIO E TELEVISÃO (ABERT).

**Addr:** Hotel Nacional, s/5 e 7, C.P. 040-280, 70322 Brasilia, DF.
**Te:** 2238113.
**L.P:** Pres: P. Machado de Carvalho Filho. Superintendent: A. Abelin.

**SEARA** — Serviços Associados de Rádio Ltda, Rua do Livramento 189, 20021 Rio de Janeiro, RJ. **Te:** 2432225.

**STATIONS** (relay st's omitted):

| | ch | kW | Name and location |
|---|---|---|---|
| 1) | 2 | 13.17 | TV Educativa, Manaus |
| 2) | 2 | 70/7 | TV Guaiba, Porto Alegre |
| 3) | 2 | 54.9 | TV Anhanguera, Goiânia |
| 5) | 2 | 78.25/8 | TV Jornal do Comercio, Recife |
| 6a) | 2 | 18/2* | TV Globo, Bauru |
| 7) | 2 | 34.8 | TV Educativa, Rio de Janeiro. |
| 7) | 2 | 162.5 | TV Educativa, São Paulo |
| 9) | 2 | 2 | TV Alto Uruguai, Erexim |
| 10) | 2 | 42 | TV Educativa, São Luiz |
| 11) | 2 | 9.92 | TV Educativa, Salvador |
| 12) | 2 | 10.6 | TV Educativa Espirito Santo, Vitória |
| 12a) | 2 | — | TV Bandeirantes, Curitiba |
| 13) | 3 | 5 | TV Nacional de Brasilia |
| 6j) | 3 | 15/1.5* | TV Coroados, Londrina |
| 16) | 3 | 15.8 | TV Coligadas, Blumenau |
| 18) | 3 | 1.6 | TV Studios Rio de Janeiro, Nova Friburgo |
| 19) | 4 | 2/1 | TV Baré, Manaus |
| 20) | 4 | 100/10* | TV Aratu, Salvador |
| 21) | 4 | 10.31 | TV Gazeta, Vitória |
| 22) | 4 | 10/1* | TV Record, Franca |
| 6) | 4 | 203/20* | TV Globo, Rio de Janeiro |
| 23) | 4 | 14.77 | TV Goyá, Goiânia |
| 24) | 4 | 1.7 | TV Montes Claros, Montes Claros |
| 25) | 4 | 12.3 | TV Difusora do Maranhão, São Luis |
| 26) | 4 | 1 | TV Centro America, Cuiabá |
| 27) | 4 | — | TV Manchete, Belo Horizonte |
| 29) | 4 | 15.6 | TV Guajará, Belém |
| 30) | 4 | 10 | TV Iguaçu, Curitiba |
| 31) | 4 | 1 | TV Tapajós, Santarém |

| | ch | kW | Name and Location |
|---|---|---|---|
| 32) | 4 | 3 | TV Radio Clube Teresina, Teresina |
| 33) | 4 | 6.4 | TV Tuiuti, Pelotas |
| 34) | 4 | 30/6 | TV Rio Grandense, Porto Alegre |
| 35) | 4 | 36.6 | TV Sergipe, Aracaju |
| 36) | 4 | 0.78 | TV Amazonas, Porto Velho |
| 37) | 4 | 0.4 | TV Amazonas, Rio Branco |
| 38) | 4 | 0.4 | TV Amazonas, Boa Vista |
| 4) | 5 | 100 | TV Alterosa, Belo Horizonte |
| 39) | 5 | 10 | TV Amazonas, Manaus |
| 40) | 5 | 12/3 | TV Universitaria, Natal |
| 41) | 5 | 100/10* | TV Itapoan, Salvador |
| 42) | 5 | 4.2 | TV Joinville, Joinville |
| 43) | 5 | 55 | TV Educativa, Fortaleza |
| 6f) | 5 | 4/0.4* | TV Globo, Juiz de Fora |
| 44) | 5 | 16 | TV Uberaba, Uberaba |
| 45) | 5 | 10 | TV Cidade Branca, Corumba |
| 46) | 5 | 38 | TV Sampaio, Maceió |
| 6b) | 5 | 75/1* | TV Globo, São Paulo |
| 13a) | 6 | 3/0.3 | TV Nacional, Porto Velho |
| 47) | 6 | 24 | TV Brasilia, Brasilia |
| 48) | 6 | 2/1 | TV Morena, Campo Grande |
| 49) | 6 | 5/1 | TV Parana, Curitiba |
| 17) | 6 | 30/3* | TV Cruz Alta, Cruz Alta |
| 50) | 6 | 10/1 | TV Tarobá, Cascavel |
| 51) | 6 | 8.5 | TV Cultura, Florianópolis |
| 52) | 6 | 3.9 | TV Amazonas, Macapá |
| 53) | 6 | 6.5 | TV Bagé, Bagé |
| 54) | 6 | 14 | TV Ribamar, São Luiz |
| 54a) | 6 | 13 | TV Vitoria, Vitoria |
| 13b) | 7 | 0.1 | TV Nacional, Fernando de Noronha |
| 55) | 7 | 20/2* | TV Bandeirantes, Belo Horizonte |
| 56) | 7 | 14/1.2 | TV Tropical, Londrina |
| 57) | 7 | 20 | TV Esplanada, Ponta Grossa |
| 58) | 7 | 31.6* | TV Sudoeste do Parana, Pato Branco |
| 59) | 7 | 550/55 | TV Record, São Paulo |
| 60a) | 7 | 184 | TV Bandeirantes, Salvador |
| 6h) | 7 | 23.6/2.4 | TV Ribeirão Preto, Ribeirão Preto |
| 62) | 7 | 12 | TV Gazeta de Alagoas, Maceió |
| 63) | 7 | 60 | TV Liberal, Belém |
| 64) | 7 | 57.48 | TV Bandeirantes, Rio de Janeiro |
| 65) | 7 | 10/1 | TV Educativa, Porto Alegre |
| 66) | 7 | 28.9 | TV Umbo, Passo Fundo |
| 13c) | 8 | 3 | TV Nacional Sinop, Sinop |
| 13d) | 8 | 0.1 | TV Nacional, São Félix do Araguaia |
| 67) | 8 | 15.8 | TV Capital, Brasilia |
| 68) | 8 | 3.16/0.36* | TV Sul Fluminense, Barra Mansa |
| 70) | 8 | 6.7 | TV Brasil Oeste, Cuiabá |
| 71) | 8 | 30.8 | TV Centro Oeste, Campo Grande |
| 72) | 8 | 10/2 | TV Caxias, Caxias do Sul |
| 73) | 8 | 20/4 | TV Uberlândia, Uberlândia |
| 74) | 8 | 80 /8* | TV Rio Preto, São José do Rio Preto |
| 75) | 8 | 1.4 | TV Ajuricaba, Manaus |
| 76) | 8 | 87.9 | TV Atalaia, Aracaju |
| 77) | 8 | 8.91 | TV de Fortaleza, Fortaleza |
| 6k) | 8 | 58/6* | TV Cultura, Maringá |
| 79) | 9 | 2/0.5 | TV Borborema, Campina Grande |
| 80) | 9 | 1.8 | TV Rio Grande, Rio Grande |
| 81) | 9 | — | TV Educativa, Belo Horizonte |
| 82) | 9 | 5 | TV Morado do Sol, Araraquara |
| 83) | 9 | 1.32 | TV Eldorado, Criciuma |
| 83a) | 9 | — | TV Manchete, São Paulo, SP |
| 13e) | 10 | 3 | TV Nacional, Alta Floresta |
| 84) | 10 | 138 | TV Verde Mares, Fortaleza |
| 85) | 10 | 36 | TV Planalto, Lages |
| 6c) | 10 | 48/5* | TV Globo Capital, Brasilia |
| 87) | 10 | 30/6 | TV Paranaiba, Uberlândia |
| 88) | 10 | 126 | TV Bandeirantes, Porto Alegre |
| 89) | 11 | 180/18 | TV Studios Rio de Janeiro, Rio de Janeiro |
| 6x) | 11 | 70 | Sistema Brasileiro de TV, Rio de Janeiro |
| 90) | 11 | 5.6 | TV Tibagi, Apucarana |
| 91) | 11 | 50/10* | TV Universitaria, Recife |
| 92) | 11 | 10 | TV Gazeta, São Paulo |
| 13f) | 12 | 0.1 | TV Nacional de Tefé, Tefé |
| 6d) | 12 | 66/7* | TV Globo Capital, Belo Horizonte |
| 6i) | 12 | 152/15* | TV Paranaense, Curitiba |
| 95) | 12 | 9.36 | TV Norte Fluminense, Campos |
| 96) | 12 | 325 | TV Gaucha, Porto Alegre |
| 97) | 12 | 3.3 | TV Imembui, Santa Maria |
| 6g) | 12 | 2.8/0.3* | TV Campinas, Campinas |
| 99) | 12 | 7 | TV Vanguarda, Cornelio Procopio |
| 100) | 12 | 3 | TV Cultura, Chapeco |
| 101) | 12 | 31.5 | TV Catarinense, Florianópolis |
| 102) | 13 | 200 | TV Bandeirantes, São Paulo |
| 6e) | 13 | 127/13* | TV Globo, Recife |
| 103) | 13 | 68.9 | TV Brasil Central, Goiânia |
| 104) | 13 | 6.17/1.21 | TV Uruguiana, Uruguiana |
| 105) | 13 | 44.7 | TV Rio Grande, Natal |

*) ERP.

**Addresses and other information:**

St's 6, 6a, 6b, 6c, 6d, 6e, 6f, 6g, 6h, 6i, 6j, 6k form the National Netw. Rede Globo.

1) Rua Major Gabriel s/n, Manaus, AM. **Cable:** Tele-duc. 2200-0400.

2) Rua Caldas Jr. 219, 90000 Porto Alegre, RS — Dir. Gen: F. Antonio Caldas. Dir. Tec: H. Germani. Film Buyer: S. Reis. 1200-0400.

3) Av. Goiás 345, Goiânia, GO. 1800-0300.

4) Av. A. Chateaubriand 499, Belo Horizonte, MG — Dir: C.T. da Costa Filho. Dir. Tec: Dr. G. Malafaia. Film Buyer: R. Massara. 1200-0200.

5) Rua do Lima 250, Recife, PE — Dir: J.J. B. Santana. Dir. Tec: J. Lora Filho. 1200-0430.

6) Rua Lopez Quintas 303 (Studio: Rua Von Martins), Jardim Botanico, 22463 Rio de Janeiro, RJ. **Cable:** Teveglobo — Pres. & Dir. Gen: Dr. R. Marinho. Dir. Tec: A. Pontes Malta. Dir. Publ. Rel: Ana M. Roiter. Film Buyer: R. Buzzoni. 1000-0300.

6a) Rua Padre Anchieta 941, 17100 Bauru, SP.

6b) Alameda Santos 1893, 01419 São Paulo, SP. 0930-0300.

6c) SCS Q2, Bl. B. no 81, Edif. Bradesco, 70300 Brasilia, DF.

6d) Rua Rio de Janeiro 1279, 30000 Belo Horizonte. 1200-0300.

6e) Av. Dantes Barreto 1186, 50000 Recife, PE.

6f) Rua Ewbank Câmora 46, 36100 Juiz de Fora, MG.

6g) Rua Regina Nogueira 120, 13100 Campinas, SP.

6h) Rua Javari 3099, 14110 Ribeirão Preto, SP.

6i) Av. Batel 1393, 80000 Curitiba, PR. 1430-0500.

6j) Av. Tirandentes 1370, 86100 Londrina, PR. 2000-0300.

6k) Rua Sta. Joaquina de Vedruna 625, 87100 Maringá, PR.

7) Av. Gomes Freire 474-B, Rio de Janeiro, RJ. 1500-0200.

8) Rua Carlos Spera 179, 05036 São Paulo, SP. 1230-0200.

9) Rua Soledade 277, Erexim, RGS.

10) Av. Kennedy s/n, São Luis, MA. 1000-0300.

11) Rua Pedro Gama 413/E, 40000 Salvador, BA. — Dir: S. Mattos (not yet operating).

12) Morro da Fonie Grande, Vitoria, ES.

13) Torre de Televisão, Praça 31 de Marco s/n, 7000 Brasilia — Dir: B. Caichiolo. Dir. Tec: J.A.P. da Cunha Lobo. 1400-0300.

13a) Rua Rio de Janeiro s/n, 78900 Porto Velho, RO. 2000-0200.

13b) Logradouro Morro do Curral, Fernando de Noronha. 2100-0200.

13c) Rua das Primaveras, Quadra 15, Lote 40, 78260 Sinop, MT. 2100-0200.

13d) Lote Urbano, Bairro Vila Santo Antonio, 78370, S. Felix do Araguaia. 2100-0200.

13e) Av. Leste AC 13, 78890 Alta Floresta, MT. 2100-0200.

13f) Rua Brasilia s/n, 69470 Tefé, AM. 2000-0200.

16) Rua Getulio Vargas 32, Morro do Cachorro, Blumenau, SC.

17) Rua Jango Vidal 427, 98100 Cruz Alta, RS — Dir: A. Iahnig. Dir. Tec: O. Schwert. 1000-0500.

18) Barrio da Caledonia, Nova Friburgo.

19) Estrada do Aleixo Km 2, Manaus, AM. 2000-0400.

20) Rua Pedro Gama 31, Salvador, BA. 0900-0500.

21) Rua Gen. Osorio 127, Vitória, ES. **Cable:** Ravito. 1210-0530.

22) Rua José Maria Medeiros 5125 Franca, SP — Dir: P.M. de Carvalho F. Dir. Tec: C. Victor Donato. 1100-0500.

23) Av. Goiás 187, Goiânia, GO.

24) Barrio de Morrinhos, Montes Claros, MG.

25) Av. Camboa 120, São Luis, Maranhão. 1000-0600.

26) Rua Marechal Deodoro 349, Cuiabá, MT.

29) Av. Governador José Malcher 1332, Belém, PR — Dir: L. de Castro Jr. 1400-0400.

30) Rua João Tscharnell 800, Jardim Merces, Curitiba, PR.

31) Santárem, PA.

32) Rua Buriti Lopes s/n, Teresina, PI. 1500-0500.

33) Rua 15 de Novembro 612, Pelotas, RGS. 1200-0600.

34) Rua Orfanotrôfio s/n°, Alto Teresópolis, 90000 Porto Alegre, RS. 1000-0500.

35) Morro Picarra, Aracaju, SE.

36) Av. Kennedy s/n, Porto Velho, Rondônia.

37) Rua Cel. Silvestre Coelho 200, Rio Branco, AC.

38) Av. Ceara s/n, Esq. com José Guimarães, Boa Vista, Roraima.
39) Ave. Carvalho Leal 1270, Manaus, AM.
40) Rua Princess Isabel 758, 59000 Natal, RN — Dir: J.M. Vidal. Dir. Tec: R. de Andrade Martins. 1200-0300.
41) Rua Ferreira Santos 5, 40000 Salvador, BA — Pres: Sra. Irene Rodriguez Iriyo. Dir. Adm: A. Raymundo F. Dir. Tec: J.M. González. 1100-0500.
42) Rua Saguaçu s/n, Joinville, SC.
43) Rua General Potiguara Esq. Oswaldo Cruz, Fortaleza, CE. 1000-0200.
44) Rua General Osório 765, Uberaba, MG. 2000-0400.
45) Rua Osorio s/n, Corumbá, MT.
46) Rua Cel. Paranhos 305, Bairro Jacintinho, Maceió, AL.
47) Av. W-3, Setor de Radio e TV, Brasilia. 1300-0500.
48) Av. Eduardo E. Zahran s/n, Campo Grande, MS. 2030-0300.
49) Rua Francisco Caron 29, Curitiba, PR. 1200-0400.
50) C.P. 1169, 85800 Cascavel, PR — Dir. Gen: P. Muffato. Dir. Tec: B.L. Esser. Film Buyer: J.L. Fernandez Guirado. 1100-0600.
51) Alto do Morro Antão, Florianópolis, SC.
52) Av. Ataide Teive 1282, Macapá, Amapá.
53) Estrada do Cerro s/n, Bagé, RGS.
54) Praça Bom Menino s/n, São Luiz, Maranhão.
54a) Rua Artistides Navarro 138, Vitoria, ES.
55) Rua Tomé de Souza 1205, Santo Antonio, MG — Dir. Gen: M.P. Leite. Dir. Tec: O.D. Dalip. 1100-0600.
56) Rodovia Celso Garcia, Londrina, PR — St. Mgr: F. de Castro Martinez. Dir. Tec: C. Pagnataro. Film Buyer: C.J.A. Carneiro. 1300-0500.
57) Rua João França Silva 2885, Ponta Grossa, PR. 1030-0300.
58) C.P. 591, 85500 Pato Branco, PR — Dir: V. Hillesheim. Dir. Tec: V.E. Winkelmann. Film Buyer: E. Berri. 1400-0300.
59) Av. Miruna 713, Indianópolis, 04084 São Paulo, SP — Dir: P.M. de Carvalho F. Dir. Tec: C. Victor Donato. 1100-0500.
59a) Campo de São Cristovão 105, Rio de Janeiro, RJ.
60) Rua Tomé de Souza 1251, 30000 Belo Horizonte, MG — Dir. Gen: M. Pereira Leite. Dir. Tec: O. Dominco Dalip. Film Buyer: R. Hachich Maluf. 1200-0600.
60a) Rua do Gantuá s/n, Salvador, Bahia. 1400-0300.
62) Av. Aristeu de Andrade s/n, Maceió, AL. 1830-0330.
63) Jardim São Luiz, Esq. Av. Nazaré 3° and, Belém, PA. 1200-0300.
64) Rua Alvaro Ramos 492, Rio de Janeiro, RJ. 1230-0300.
65) Secretaria de Educação e Cultura, Av. 10 Cel. Correia Lima 2118, 90000 Porto Alegre, RS — Dir: J.O. Gonçalves Ramos. Dir. Tec: I.J. Cardoso. Film Buyer: J.G. Goulart. 1315-0300.
66) Rua Princesa Isabel, Passo Fundo, RGS.
67) Torre de TV, Praça 31 de Março, Brasilia, DF. 1440-0200.
68) Rua 9 Lote 12 Christo Redentor, 27400 Barra Mansa, RJ — Dir: O.M. Nora. Dir. Tec: C. Pina. 1030-0500.
70) Rua Giboia, s/n°, Loteamento Nosso Senhor dos Passos, Quadra 45, Lottes 1/19, Guiabá, MT.
71) Rua Calogeras 323, Campo Grande, MT.
72) Av. Rio Grande do Sul, Caxias do Sul, RS. 1530-1730, 1900-0500.
73) Rua R.G. do Norte 1069, Uberlândia, MG.
74) Via Washington Luiz, 15100 São José do Rio Preto, SP — Dir: P.M. de Carvalho F. Dir. Tec: C. Victor Donato. 1100-0500.
75) Rua St. Antônio 18, Manaus, AM.
76) Rua Claudio Batista s/n, Aracaju, SE.
77) Av. Desembargador Moreira 2565, Fortaleza, CE. 1300-0400.
79) Rua Venâncio Neiva 287, 2° andar, Campina Grande, PB. 1355-0400.
80) Rua Duque de Caxias 63, 1° e 2° andares, Rio Grande, RGS.
82) Praça José Palmores Lepre 99, 14800 Araraquara, SP — Dir: R. Montoro Filho. 1300-0500.
83) Rua Silva Jardim 216, Cricuma, SC.
84) Av. Desembargador Moreira 2430, Fortaleza, CE. 1405-0220.
85) Rua Carlos Joffre do Amaral 67, Lages, SC — Dir. Gen: R. Rogério do Amaral. Dir. Tec: R. de Oliveira. Film Buyer: A. Pereira de Oliveira.
87) Av. Prof. Jose Ignacio de Souza 2710, 38400 Uberlândia, MG. 1300-0300.
88) Rua Delfino Riet 183, C.P. 1474, 512074 Porto Alegre, RS — St. Mgr: P. Mizewski: Dir. Tec: P.S. Domini; Film Buyer: G.M. Emundo. 1300-0400.
89) Rua Figueira de Melo 448, Rio de Janeiro, RJ — Dir: C.E.O. Capellão. Dir. Tec: A. Reis. Film Buyer: C.C. Valli. 0900-0500.
90) Av. Santos Dumont 11, Apucarana, PR. 1200-0400.
91) Av. Norte s/n, Santo Amaro, Recife, PE — Dir: J.M.A. da Silva Lima. Dir. Tec: P.R.B. de Araujo. 1945-0205.
92) Av. Paulista 900, São Paulo, SP. 1500 (Sat/Sun 1200)-0300.
95) Av. 24 de Outubro 201, 28100 Campos, RJ — Dir. Gen: A. Ferreira; Dir. Tec: O. Emery Brandão; Film Buyer: J.C. Porto. 0945-0530.
96) C.P. 1164, Porto Alegre, RS. **Cable:** Pioneira. 1900-0400.
97) Av. 2 de Novembro s/n, Santa Maria, RS.
99) Rodovia PR-160, Parque Industrial, Cornélio Procópio, PR.
100) Alto do Morro Chechinel s/n, Chapecó, SC.
101) Morro da Cruz, Florianópolis, SC.
102) Rua Radiantes 13, 05699 São Paulo, SP. **Cable:** Radiantes. Pres: J.J. Saad; Dir. Tec: M. Cipolla Jr; Film Buyer: G.J. Alves; Dir. Int. Rel: S. Marcondes. 1300-0400.
103) Rua 201 no. 430, Vila Nova, Goiânia, GO.
104) Rua Domingos de Almeida 1722, Uruguaiana, RGS.
105) Av. Salgado Filho s/n, Bairro da Candelária, Natal, RGS.
St's reported on air: TV Araguaia, Araguaiana, GO (ch2); TV Gurupi, Gurupi, GO (ch2); TV Curitiba, Av. João Gualberto 970, 80000 Curitiba, PR (ch2); TV Princesa do Oeste, 13100 Campinas, SP (ch6); TV Manchete, Rio de Janeiro, RJ (ch6).

## CHILE

**TV-sets:** 2.645.000 (incl. 105.000 colour sets) — **Colour:** NTSC
**System:** M.

### TELEVISION NACIONAL DE CHILE (Gov.)

**Addr:** Bellavista 990 (P.O. Box 16104, Post 9), Santiago.
**Te:** 774552. **Telex:** 440181 TVC CZ. **Cable:** TV Chile.
**L.P:** Dir. Gen: J. Iriarte Eracarret; Mgr: J. Pereira Larrain; Dir. Tec: J. Jauregui Leguas. Dir. of Prgrs: J.M. Larrain Melo; Dir. Communications: J. Prieto García.

| Stations Location | ch | kW (ERP) | | ch | kW (ERP) |
|---|---|---|---|---|---|
| El Roble | 2 | 70 | Valparaiso | 6 | 25 |
| San Fernando | 3 | 14.4 | Maria Elena | 7 | 2.3 |
| Valdivia | 3 | 2.2 | Santiago | 7 | 180 |
| La Serena | 4 | 5.5 | Cerro Sombrero | 8 | 1.2 |
| Puerto Montt | 4 | 11 | Iquique | 10 | 30 |
| Talcahuano | 4 | 13.6 | Chuquicamata | 10 | 1 |
| Arica | 5 | 7 | Salvador | 10 | 2 |
| Temuco | 5 | 7.4 | Talca | 10 | 19 |
| Antofagasta | 6 | 8.9 | Ovalle | 10 | 1.74 |
| Chillán | 6 | 15 | Vallenar | 12 | 2.4 |
| Osorno | 6 | 11 | Toconey | 12 | 1.6 |
| Punta Arenas | 6 | 7 | San Antonio | 12 | 10 |

+ 84 low power repeaters less than 1kW.
**D.Prgr:** 1400 (Sat/Sun 1300)-0500.

### UNIVERSIDAD DE CHILE (Comm.)

**Addr:** Casilla 12985, Santiago. **Te:** 34045.
**L.P:** Dir. Gen: A. Lamadrid; Head of Press: F. Castillo.
**Stations:** chA9 60/30kW (+ relay st. at Valparaiso).
**D.Prgr:** 2145-0430.

### UNIVERSIDAD CATOLICA DE CHILE (Comm.)

**Addr:** Casilla 14600, Santiago. **Te:** 2514000.
**L.P:** Exec. Dir: Eleodoro Rodriguez; Dir. Prgrs: A. Abba; Dir. of Eng: R. Richard.
**Stations:** chA13 150/17.5kW H (Santiago), chA5 (San Fernando & Concepción), chA8 (Valparaiso).
**D.Prgr:** 1530-0430.

### RED NORTE DE TELEVISION UNIVERSIDAD DEL NORTE

**Addr:** Avda Libertador Bernardo O'Higgins 292, Of 22, Santiago.
**Telex:** 40665 UNORT Santiago.
**Stations:** (Pol. H): chA3 2.7/0.3kW (Antofagasta), chA10 0.1/0.2kW (Arica), chA12 2.7/0.3kW (Iquique) + 6 repeaters.
**D.Prgrs:** 1735-0435.

### UNIVERSIDAD CATOLICA DE VALPARAISO

**Addr:** Eleuterio Ramirez 353, Valparaíso. **Te:** 56136.
**L.P:** Dir: V. Bielefeldt Vivas.
**Stations:** chA4 (Valparaíso), chA5 (Santiago), chA8 (La Serena).

**To keep up-to-date with TV developments worldwide, you need to purchase a copy of the WRTH *every* year!**

## COLOMBIA

**TV-sets:** 1.801.000 (incl. 100.500 colour sets) — **Colour:** NTSC **System:** M.

### INSTITUTO NACIONAL DE RADIO Y TELEVISION (INRAVISION)

**Addr:** Centro Administrativo Nacional, Via Eldorado, Bogota. **Te:** 690277. **Telex:** 43311.
**L.P:** Dir. Gen: G. Vargas C. Dir. Tec: A. Lozano C.

| Station/Area | ch | (ERP) kW | Net | Station/Area | ch | (ERP) kW | Net |
|---|---|---|---|---|---|---|---|
| San Lorenzo(1) | 2 | 900 | 1 | La Rusia(15) | 10 | 50 | 1 |
| Padre Amaya(2) | 3 | 600 | 1 | El Ruiz(16) | 10 | 10 | 2 |
| Tibito(3) | 3 | 1.2 | 2 | Cerro Neiva(17) | 10 | 0.6 | 2 |
| Planadas(4) | 4 | 100 | 1 | Tasajero | 11 | 10 | 2 |
| Tibito(3) | 5 | 0.75 | 3 | Alto El Tigre(18) | 11 | 3 | 1 |
| Jurisdicciones(5.6) | 6 | 600 | 1 | Manjui(8) | 11 | 10 | 3 |
| La Popa(7) | 7 | 25 | 1 | Cerro La Popa(7) | 11 | 10 | 2 |
| Manjui(8) | 7 | 100 | 1 | Cerro Kennedy(19) | 12 | 25 | 1 |
| Monteria(9) | 7 | 100 | 1 | El Ruiz(16) | 12 | 100 | 1 |
| El Alguacil(10) | 8 | 0.5 | 1 | Galeras(20) | 12 | 80 | 1 |
| Pan de Azucar(11) | 8 | 200 | 1 | Cerro Neiva(17) | 12 | 100 | 1 |
| La Rusia(15) | 8 | 10 | 2 | Jurisdicciones(5.6) | 12 | 10 | 2 |
| Madrono(12) | 9 | 20 | 1 | Tibito(3) | 13 | 0.6 | 1 |
| Carmen de | | | | Saboya(21) | 13 | 0.6 | 1 |
| Bolivar(13) | 9 | 100 | 1 | Padre Amaya(2) | 13 | 10 | 2 |
| Manjui(8) | 9 | 10 | 2 | Pan de Azucar(11) | 13 | 20 | 2 |
| Munchique(4) | 10 | 40 | 1 | Cerro Kennedy(19) | 13 | 10 | 2 |

+ 52 low power sts not mentioned.
**Areas (Departments) served:** 1 = Atlantico & Magdalena (North); 2 = Antioquia(Central); 3 = Bogota(North); 4 = Quindio; 5 = Santander(North); 6 = Magdalena(South); 7 = Cartagena; 8 = Bogota(Sabana), Tolima, Huila; 9 = Cordoba, Sucre(South); 10 = Cesar(North & Central); 11 = Valle(East); 12 = Risaralda; 13 = Bolivar, Sucre(North); 14 = Cauca; 15 = Boyaca, Santander(South); 16 = Manizales, Caldas; 17 = Huila(South); 18 = Meta; 19 = La Guajira; 20 = Narino(Central); 21 = Boyaca & Santander(West).
**D. Prgr: 1st prgr:** 1130-1230(Comm), 1230-1630(Educ), 1630-1830(Comm), 1830-2100(Educ) and 2100-0500(Comm). **2nd prgr:** (Segunda cadena) 2100-0430(Comm.) **3rd prgr:** (Tercera cadena) 2200-0330(Educ.) **Regional st:** Simon Bolivar(Isla San Andres) ch11 0.6kW 2300-0430.

## ECUADOR

**TV-sets:** 450.000 (incl. 135.000 colour sets) — **Colour:** NTSC — **System:** M.

### CORPORACION ECUATORIANA DE TELEVISION

**Addr:** Casilla 1239, Guayaquil. **Te:** 305336. **Cable:** Teledos. **Telex:** 3409.
**Station:** chA2 12/6kW.
**D. Prgrs:** 1530-0630

### TELEVISION DEL PACIFICO (Telenacional) (Comm.)

**Addr:** Murgeon 732, Quito. **Te:** 540877—Mgr: Marcel Rivas.
**Station:** chA2, 6/3kW (Quito).
**D.Prgrs:** 1930-0730 (Sun 1330-0700).

### TELEAMAZONAS (Comm.)

**Addr:** Casilla 4844, Quito. **Te:** 249600. **Telex:** (02) 2244.
**Stations:** Quito chA4, Guayaquil chA5 & 6, Cuenca chA11, Ambato & Latacunga chA7, Tulcán chA10, Ibarra chA13.
**D.Prgr:** 1900-0500.

### TELECUATRO GUAYAQUIL, S.A.

**Addr:** 9 de Octubre 1200, Guayaquil. **Te:** 308194.
**Station:** chA4.

### TELEVISORA NACIONAL CIA Ltda.

**Addr:** Casilla 3888, Quito. **Te:** 244888.
**Stations:** Quito chA8 (+ 9 relay st's).
**D.Prgr:** 1800-0500.

### CADENA ECUATORIANA DE TELEVISION (Comm.)

**Addr:** Av. de las Américas, Guayaquil. **Te:** 391555.
**Station:** chA10 25/2.5kW. **D.Prgr:** 1200-1330, 1600-0500.

### TELEVISORA ESMERALDAS S.A.

**Addr:** Bolivar 426, Esmeraldas. **Te:** 710090.
**Station:** chA6 0.5kW. **D.Prgr:** 2300-0400.

### TELEMANABI S.A.

**Addr:** Apartado 50, Portoviejo — **Station:** chA9.

### CANAL UNIVERSITARIO CATOLICA (Rlg)

**Addr:** Humbolt 3170, Cuenca — **Station:** chA2.

## GUIANA (French)

**TV-sets:** 6.300 — **Colour:** SECAM — **System:** K'.

### RFO-GUYANE

**Addr. & L.P:** See radio.
**Stations:** Cayenne chK'4 0.1kW, Kourou chK'6 0.1kW, Sinnamary chK'8 0.1kW, Iracoubo chK'5 0.1kW, Mana chK'7 0.1kW, St. Laurent chK'4 0.1kW + 3 low power repeaters.
**D.Prgr:** 2100-0130 — **ALF:** Frcs. 221,-.

## PARAGUAY

**TV-sets:** 82.000 — **Colour:** PAL — **System:** N.

### TELEVISION CERRO CORA (Comm.)

**Addr:** Avda. Carlos A. Lopez 572, Asunción. **Te:** 80-086.
**Telex:** 370 PY TV9.
**Station:** ch9 60/12kW.
**D.Prgr:** 1600-0400.

### TELEVISORA DEL ESTE (Comm.)

**Addr:** Area 5, Cd. Puerto Stroessner. **Te:** 81-504.
**L.P:** Gen. Mgr: Ricardo Sanchez. A. Dir. Tec: F.J. Ordiz.
**Station:** ch8 25/5kW.
**D.Prgr:** 2000-0400.

### TELEVISION ITAPUA (Comm.)

**Addr:** Coronel Irrazabal Y Villarrica, Encarnación. **Te:** 450.
**Station:** ch7 60/12kW.
**D.Prgr:** 2100-0400.

### TELEDIFUSORA PARAGUAYA

**Addr:** 8 Proy. Lambare, Asunción. **Te:** 31363.
**L.P:** Gen. Mgr: Nicolas Bó.
**Stations:** chA13 30kW, chA9 5kW, chA4 (Concepción) 5kW.
**D.Prgr:** 1600-0400.

## PERU

**TV-sets:** 875.000 — **Colour:** NTSC — **System:** M.

### EMPRESA DE CINE, RADIO Y TELEVISION PERUANA S.A.

**Addr:** José Galvez 1040, Lima. **Te:** 715833.
**L.P:** Gen. Mgr: Gilmer Cacho Cuba.
**Stations:** Lima chA7 10/5kW (H); repeaters at Tumbes (chA4), Huaraz (chA8), Cajamarca (chA2), Huanuco (chA7), Iquitos (chA7), Huancayo (chA2), Ayacucho (chA7), Cuzco (chA11), Puno (chA7), Tacna (chA7) + 29 low power repeaters.
**D.Prgr:** 1900-0400.

### COMPAÑIA PERUANA DE RADIODIFUSION S.A.

**Addr:** Casilla 1192, Lima. **Te:** 728985.
**L.P:** Gen. Mgr: Mauricio Arbulu.
**Stations:** OAX4U-TV Lima chA4 25/12.5kW. Relay st's (all 0.1kW) Chiclayo (chA4), La Oroya (chA6), Trujillo (chA6), Tacna

(chA9), Huanacavelica (chA6), Cajamarca (chA11), Piura (chA2) + 72 low power repeaters.
**D.Prgr:** 1000-0600.

### PANAMERICANA DE TELEVISION S.A.

**Addr:** Av. Arequipa 1110, Lima. **Te:** 715389.
**L.P:** Gen. Mgr: G. Delgado Parker.
**Stations:** OAY4A-TV Lima chA5 290/29kW.
Main Netw. with relay sts in Piura, Chiclayo, Trujillo, Chimbote, Ica, Arequipa, Tacna, Pucallpa, Huanuco, C. de Pasco, Huancayo, Ayacucho, Abancay, Cuzco & Juliaca.
**D.Prgr:** 1500-0600.

### COMPAÑIA LATINOAMERICANA DE TV S.A.

**Addr:** Martín Dulanto 101, San Antonio, Miraflores, Lima.
**Te:** 461082.
**L.P:** Dir: R. Morales Bermúdez.
**Station:** chA2 22.5/2.25kW.
**D.Prgr:** 1900-0400.

### ANDINA DE RADIODIFUSION S.A.

**Addr:** Arequipa 3560, San Isidro, Lima. **Te:** 406898.
**L.P:** Dir: C.A. Tizon Pacheco.
**Station:** chA9 60/12kW.
**D.Prgr:** 1900-0400.

## SURINAM

**TV-sets:** 43.000 (incl. 16.000 colour sets) — **Colour:** NTSC
**System:** M.

### SURINAAMSE TELEVISIE (Gov, Comm.)

**Addr:** P.O. Box 535, Paramaribo. **Te:** 73100. **Cable:** Surteve.
**Stations:** Paramaribo chA8 6/3kW, Niew Nickerie chA12 1/0.5kW, Totness chA10 1/0.5kW + relay st's at Wageningen chA7, Albina chA9, Moengo chA11.
**D.Prgr:** 1415-1630 (Sun); 2130 (Sat 2100)-0230.

## URUGUAY

**TV-sets:** 440.000 — **Colour:** PAL — **System:** N.
**Stations:**

| Location | ch | kW(ERP) | Location | ch | kW(ERP) |
|---|---|---|---|---|---|
| 5) Paso de los Toros | 2 | 100 | 4) Rosario | 8 | 316 |
| 5) Punta del Este | 2 | 50 | 9) Punta Ballena | 9 | 316 |
| 1) Artigas | 3 | 40 | 5) Paso de los Toros | 9 | 300 |
| 2) Colonia | 3 | 100 | 16) Bella Union | 10 | 1 |
| 3) Paysandú | 3 | 75 | 10) Rivera | 10 | 316 |
| 5) J. Batlle y Ordoñez | 3 | 40 | 11) Montevideo | 10 | 316 |
| 4) Montevideo | 4 | 100 | 4) Punta del Este | 11 | 50 |
| 5) Castillos | 4 | 100 | 5) Salto | 11 | 316 |
| 5) Montevideo | 5 | 100 | 12) Treinta y Tres | 11 | 316 |
| 5) Mercedes | 5 | 75 | 17) Durazno | 11 | ? |
| 5) Rivera | 5 | 40 | 5) Artigas | 12 | 316 |
| 5) Colonia | 6 | 100 | 13) Melo | 12 | 316 |
| 5) Paysandú | 6 | 30 | 4) Fray Bentos | 12 | 30 |
| 5) Rocha | 6 | 100 | 14) Montevideo | 12 | 316 |
| 6) Rocha | 7 | 316 | 15) Minas | 13 | 316 |
| 7) Tacuarembó | 7 | 75 | 5) Tacuarembo | 13 | 316 |
| 5) Melo | 8 | 316 | | | |
| 8) Salto | 8 | 316 | | | |

All st's exc. 4, 5, 11 and 14 join the Red de Television Color (RTC) at 2100-0200.
1) Tele-Artigas, Lecueder 291, Artigas — Dir. Gen: E. dos Santos. 2200-0300.
2) Television Colonia, W. Barbot 172, Colonia — Dir: M.D.G. de González. 2145-0250.
3) Rio de los Pájaros TV, Av. España 1629, Paysandú — Dir: A.A. Davisón. 2115-0330.
4) Monte Carlo TV, Paraguay 2253, Montevideo — Dir. Gen: H. Romay S; Prgr. Dir. & Film Buyer: A. Cocchi; Dir. Tec: D.S. Russo. 2100-0400 (+ 2 relay st's).
5) SODRE, Blvd. Artigas 2552, Montevideo — Dir. & Film Buyer: R. Rodriguez; Dir. Tec: P. Narancio. 1930 (Sat/Sun 1500)-0330; ch8: 1530-0300.
6) Tele-Rocha, Av. O. de los Santos 105, Rocha. 2200-0300.
7) Radiotelevision "Zorilla de San Martin", 18 de Julio 244, Tacuarembó — Dir. Gen: Luis S. Dini; Dir. Tec: Gregorio Acosta. Film Buyer: Maria D. Dini S. 2100-0400.
8) Televisora Salto Grande, Av. Viera 1280, Salto — Dir. Gen: C. A. Gelpi. Dir. Tec: K. Muquerza. 2000-0400.
9) Canal 9 del Este, Sarandí 818, Maldonado — Dir. Gen: M. Scherschener. Dir. Tec: D. Russo. Film Buyer: O.M. Regazzoni. 2030 (Sat 1630, Sun 1300)-0400 (Sat 0530).
10) Tevediez, Sarandí 709, Rivera — Dir: A. Pereira. 2200-0300.
11) SAETA, Dr. Lorenzo Carnelli 1234, Montevideo — Dir. Gen: J. De Feo; Dir. Tec: Ing. D.S. Russo. Film Buyer: H.N. Villar. Mon-Fri 2045-0330, Sat/Sun 1700-0400.
12) Televisor Treinta y Tres, Pablo Zufriátegui 226, Treinta y Tres — Dir. Gen: A. Pinho. St. Mgr: A. Lagos. Dir. Tec: D. Ponce de Leon. Film Buyer: A.B. Lagos. 1830-0330.
13) Melo TV, Ca. Montevideo 723, Melo — Dir: R.D. Lucas. Dir. Tec: C. Britos. Film Buyer: J.D. Lucas. 1430-0330.
14) Televisora Larranaga S.A, Teledoce, E. Compte y Rique 1276, Montevideo — Dir. Gen: H. Scheck. 2100-0400.
15) TV Cerro del Verdun, Treinta y Tres 632, Minas — Dir. Gen: C. Francisco F. Dir. Tec: J. Rodriguez A. 2130-0300 (rel. st 14).
16) Telediez, Montevideo s/n, Bella Union, Artigas.
17) Durazno.

## VENEZUELA

**TV-sets:** 2.002.000 (incl. 275.000 colour sets) — **Colour:** NTSC
**System:** M.

### VENEZOLANA DE TELEVISION "5" (Gov.)

**Addr:** Ap. 3979, Caracas. **Te:** 2399811.
**L.P:** Dir. Gen: O. Canales.


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| | | | |
|---|---|---|---|
| 125A | 5770 | 6426 | 8333 |
| 207 | 5771 | 6427 | 8386 |
| 356 | 5891 | 6696 | 8388 |
| 880 | 5918 | 6697 | 8461 |
| 891 | 5919 | 6803 | 8550 |
| 891R | 5936 | 6804 | 8680 |
| 892 | 6420 | 6920 | 8752 |
| 892R | 6421 | 7007 | 8795 |
| 893AR | 6421F | 7480 | BR1121 |
| 1089 | 6422 | 7560 | BR1176 |
| 5667 | 6423 | 7804 | 23185 |
| 5671 | 6424 | 7805 | 23431 |
| 5681 | 6425 | 7806 | 23454 |
| 5682 | 6425F | 7807 | 4CX35,000 |

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**VACUUM TUBE INDUSTRIES INC.**
**P.O. Box 2009, Brockton, Mass. 02403**
**617-584-4500**

**Stations:** Caracas (Central St): chA5 210/105kW.

| Repeaters | chA | kW(ERP) | | chA | kW(ERP) |
|---|---|---|---|---|---|
| Margarita | 5 | 99.6/49.8 | El Tocuyo | 9 | 2/1 |
| La Grita | 6 | 75.9/37.9 | Terepalma | 13 | 72/36 |
| Los Olivos | 5 | 40.9/20.9 | Pto. La Cruz | 13 | 72/36 |
| Maracaibo | 6 | 108/54 | Táchira | 13 | 72/36 |
| Aleton | 6 | 67.2/38.6 | Litoral Central | 13 | 60.25/30.12 |
| Güigüe | 6 | 67.2/38.6 | Escuque | 13 | 26.25/13.12 |
| Cd. Bolivar | 6 | 12.5/6.25 | Caricuao | 13 | 0.631 |

**D.Prgr:** 1000-0400 (approx.)

### RADIO CARACAS TELEVISION (Comm.)

**Addr:** Ap. 2057, Caracas. **Te:** 418971—**L.P:** Gen.Mgr. & Film Buyer: P. Bottome. Dir. Tec: M. Benzo.
**Stations:** Caracas (Central St): chA2 132/61kW.

| Repeaters | chA | kW(ERP) | | chA | kW(ERP) |
|---|---|---|---|---|---|
| Maracaibo | 2 | 105.6/52.8 | Valencia | 7 | 550/275 |
| Barcelona | 3 | 108/54 | Táchira | 7 | 75/37.5 |
| Barquisimeto | 3 | 40.2/20.1 | Pto. Cabello | 10 | 10/5 |
| Litoral Central | 7 | 200/100 | Falcón | 10 | 330/165 |

+ 5 low power repeaters less 1kW not mentioned
**D.Prgr:** 1030-0500.

### VENEVISION (Comm.)

**Addr:** Ap. 6674, Caracas. **Te:** 742.444. **Cable:** Ventel.
**Telex:** 21379—**L.P:** Gen.Mgr: E. Cuzco. Dir. Tec: F. Urbanejas. Film Buyer: I. Klein.
**Stations:** Caracas (Central st): chA4 132/66kW.

| Repeaters | chA | kW(ERP) | | chA | kW(ERP) |
|---|---|---|---|---|---|
| Maracaibo | 4 | 105/52.5 | San Cristóbal | 9 | 20/10 |
| Cd. Guayana | 4 | 12.6/6.3 | Picacho | 9 | 72/36 |
| Valencia | 4 | 0.63 | Mérida | 9 | 5/2.5 |
| Barquisimeto | 6 | 65/32.5 | Valera | 9 | 2.5/1.25 |
| Barcelona | 7 | 175/87.5 | Litoral Central | 9 | 13/6.5 |
| Cd. Bolivar | 7 | 20/10 | Coro | 12 | 31.6/15.8 |
| Táchira | 9 | 20/10 | Maturin | 12 | 25/12.5 |

**D.Prgr:** 1330-0430.

### VENEZOLANA DE TELEVISION "8" (Gov.)

**Addr:** Ap. 2739, Caracas. **Te:** 349571. **Cable:** VTV. **Telex:** 25401-25412.
**L.P:** Pres. Osorio Canales Dr. Dir.Tech: S.E. Aguerrevere.
**Stations:** Caracas (Central st): chA8 190/95kW.

| Repeaters | chA | kW(ERP) | | chA | kW(ERP) |
|---|---|---|---|---|---|
| Mérida | 5 | 5/2.5 | Valencia | 11 | 151/75.5 |
| Barquisimeto | 7 | 107.5/53.5 | Litoral | 11 | 79/49.5 |
| Maracaibo | 8 | 157/78.5 | Pto. La Cruz | 11 | 23/11.5 |
| Boconó | 8 | 2/1 | Cd. Bolivar | 11 | 23/11.5 |
| Cd. Piar | 8 | 0.15 | Vidoño | 11 | 23/11.5 |
| Anaco | 9 | 12.5/6.25 | Pto. Cabello | 12 | 20/10 |

**D.Prgr:** 1600-0600 (approx.)

### TELEVISORA ANDINA MERIDA (Cult & Rlg)

**Addr:** Anquidiocesis de Merida, Merida, Edo. Merida.
**Station:** Merida chA6 1kW.
**D.Prgr:** 2000-0200.
DB

**For details of worldwide television systems and frequencies, please refer to the first two pages of this section.**

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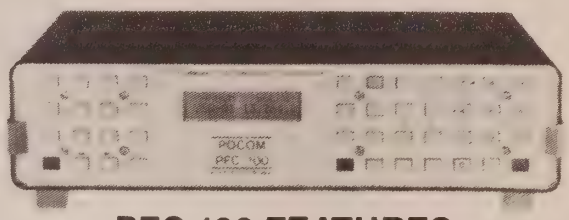
**The Editors welcome your corrections and additions to the published information.**


**The SW-reception system of the future on professional level for the serious DX-er!**

**POCOM® PFC-100**

Intelligent Frequency-Controller for ICOM R-70/JRC NRD-515




**PFC-100 FEATURES:**

Nonvolatile memory for 100 complete operation settings—all functions can be programmed from the keyboard—versatile timer functions (on/off); 6 outputs can be switched separately—automatic memory channel and frequency scan modes with freely definable parameters—frequency offset mode for converter usage—alphanumeric liquid crystal display—intelligent selftest functions—6kByte user ram, 16 kByte operating programme—low power consumption 8 Bit CMOS CPU—easy software adaption for future modification—developed and manufactured in Switzerland by Poly-Electronic.

The efficient monitoring of the complete SW-range calls for the use of modern receivers which should offer a large amount of operating comfort. Recently good receivers such as the popular ICOM R-70 and the JRD NRD-515 have become available on the market, but they lack the optimal microprocessor-supported operating possibilities. These requirements are fulfilled by the intelligent programmable frequency controller POCOM PFC-100 from Poly-Electronic.

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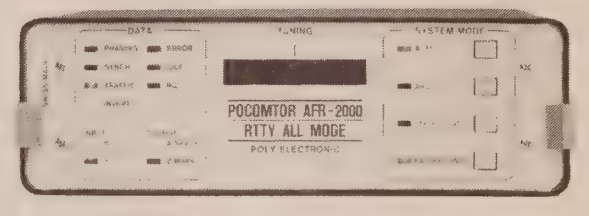


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# LONG & MEDIUM WAVE STATIONS

Compiled by
Olle Alm, Bengt A. Ericson, Thord Knutsson, Tore Larsson
and Lars Rydén, members of the Arctic Radio Club, Sweden.
**October 15, 1984**

## CONVERSION TABLE

**Frequency kHz = Wavelength meters**

| kHz m | kHz m | kHz m | kHz m | kHz m | kHz m | kHz m |
|---|---|---|---|---|---|---|
| 151-1986 | 560-535.7 | 735-408.2 | 910-329.7 | 1085-276.5 | 1260-238.1 | 1435-209.1 |
| 155-1935 | 565-531.0 | 740-405.4 | 915-327.9 | 1090-275.2 | 1265-237.2 | 1440-208.3 |
| 164-1829 | 570-526.3 | 745-402.7 | 920-326.1 | 1095-274.0 | 1270-236.2 | 1445-207.6 |
| 173-1734 | 575-521.7 | 750-400.0 | 925-324.3 | 1100-272.7 | 1275-235.3 | 1450-206.9 |
| 180-1666 | 580-517.2 | 755-397.4 | 930-322.6 | 1105-271.5 | 1280-234.4 | 1455-206.2 |
| 182-1648 | 585-512.8 | 760-394.7 | 935-320.9 | 1110-270.3 | 1285-233.5 | 1460-205.5 |
| 185-1622 | 590-508.5 | 765-392.2 | 940-319.0 | 1115-269.1 | 1290-232.6 | 1465-204.8 |
| 191-1571 | 595-504.2 | 770-389.6 | 945-317.5 | 1120-267.9 | 1295-231.7 | 1470-204.1 |
| 200-1500 | 600-500.0 | 775-387.1 | 950-315.8 | 1125-266.7 | 1300-230.8 | 1475-203.4 |
| 209-1435 | 605-495.9 | 780-384.6 | 955-314.0 | 1130-265.5 | 1305-229.9 | 1480-202.7 |
| 218-1376 | 610-491.8 | 785-382.2 | 960-312.5 | 1135-264.3 | 1310-229.0 | 1485-202.0 |
| 227-1321 | 615-487.8 | 790-379.7 | 965-310.9 | 1140-263.2 | 1315-228.1 | 1490-201.3 |
| 233-1287 | 620-483.9 | 795-377.4 | 970-309.3 | 1145-262.0 | 1320-227.3 | 1495-200.7 |
| 236-1271 | 625-480.0 | 800-375.0 | 975-307.7 | 1150-260.9 | 1325-226.4 | 1500-200.0 |
| 245-1224 | 630-476.2 | 805-372.7 | 980-306.0 | 1155-259.7 | 1330-225.6 | 1505-199.3 |
| 254-1181 | 635-472.4 | 810-370.4 | 985-304.6 | 1160-258.6 | 1335-224.7 | 1510-198.7 |
| 263-1140 | 640-468.8 | 815-368.1 | 990-303.0 | 1165-257.5 | 1340-223.9 | 1515-198.0 |
| 272-1103 | 645-465.1 | 820-365.9 | 995-301.5 | 1170-256.4 | 1345-223.0 | 1520-197.4 |
| 281-1067 | 650-461.5 | 825-363.6 | 1000-300.0 | 1175-255.3 | 1350-222.2 | 1525-196.7 |
| 340-882 | 655-458.0 | 830-361.4 | 1005-298.5 | 1180-254.2 | 1355-221.4 | 1530-196.1 |
| 362-829 | 660-454.5 | 835-359.3 | 1010-297.0 | 1185-253.2 | 1360-220.6 | 1535-195.4 |
| 385-779 | 665-451.1 | 840-357.1 | 1015-295.6 | 1190-252.1 | 1365-219.8 | 1540-194.8 |
| 388-773 | 670-447.8 | 845-355.0 | 1020-294.0 | 1195-251.0 | 1370-219.0 | 1545-194.2 |
| 400-750 | 675-444.4 | 850-352.9 | 1025-292.7 | 1200-250.0 | 1375-218.2 | 1550-193.5 |
| 433-692 | 680-441.2 | 855-350.9 | 1030-291.3 | 1205-249.0 | 1380-217.4 | 1555-192.9 |
| **Mediumwave** | 683-438.0 | 860-348.8 | 1035-289.9 | 1210-247.9 | 1385-216.6 | 1560-192.3 |
| **kHz m** | 690-434.8 | 865-346.8 | 1040-288.4 | 1215-246.9 | 1390-215.8 | 1565-191.7 |
| 520-576.9 | 695-431.7 | 870-344.8 | 1045-287.1 | 1220-245.9 | 1395-215.1 | 1570-191.1 |
| 525-571.4 | 700-428.6 | 875-342.9 | 1050-285.7 | 1225-244.9 | 1400-214.3 | 1575-190.5 |
| 530-566.0 | 705-425.5 | 880-340.9 | 1055-284.4 | 1230-243.9 | 1405-213.5 | 1580-189.9 |
| 535-560.7 | 710-422.5 | 885-339.0 | 1060-283.0 | 1235-242.9 | 1410-212.8 | 1585-189.3 |
| 540-555.6 | 715-419.6 | 890-337.0 | 1065-281.7 | 1240-241.9 | 1415-212.0 | 1590-188.7 |
| 545-550.5 | 720-416.7 | 895-335.2 | 1070-280.4 | 1245-241.0 | 1420-211.3 | 1595-188.1 |
| 550-545.5 | 725-413.8 | 900-333.3 | 1075-279.0 | 1250-240.0 | 1425-210.5 | 1600-187.5 |
| 555-540.5 | 730-411.0 | 905-331.5 | 1080-277.8 | 1255-239.0 | 1430-209.8 | 1605-186.9 |

# BROADCASTS IN ESPERANTO

Compiled by Georges Larglantier, Paris France

| Time | Stations | kHz |
|---|---|---|
| 0000-0100 (Sat) | ZYK669, Brazil | 1080 |
| 0530-0600 | R. Polonia | 1503, 5995, 6135, 7270 |
| 0545-0557 (Sun) | ORF, Austria | 5945, 6000, 6155, 9635 |
| 0600-0615 (Thurs) | Vatican Radio | 6250, 7250, 9755, 11715, 15120 |
| 0945-0957 (Sun) | ORF, Austria | 6000, 6155, 7170 |
| 1100-1125 | R. Polonia | 7145, 9525 |
| 1100-1130 | R. Beijing | 9880, 15100 |
| 1300-1330 | R. Beijing | 11685, 15165 |
| 1530-1555 | R. Polonia | 7285, 9675 |
| 1630-1655 | R. Polonia | 6095, 7285 |
| 1800-1810 (Mon/Thurs/Sat) | SRI, Switzerland | 3985, 6165, 9535 |
| 1930-2000 | R. Polonia | 6095, 7285 |
| 2000-2010 (Sun) | Vatican Radio | 1530, 6190, 6250, 7250 9625, 9645, 11700, 15120 |
| 2000-2020 (Sat) | RAI, Italy | 7275, 9710, 11800 |
| 2000-2030 | R. Beijing | 7470, 9965, 11445 |
| 2030-2040 (Mon/Thurs/Sat) | SRI, Switzerland | 3985, 6165 |
| 2130-2155 | R. Polonia | 1503, 5995, 6095, 7285 |
| 2200-2215 (Sun) | ZYJ462, Brazil | 1400 |
| 2230-2300 | R. Beijing | 11515, 15600 |
| 2245-2300 (Tues) | R. Zagreb, Yugoslavia | 1143 |

# EUROPE, AFRICA, NEAR & MIDDLE EAST

**Abbreviations: Germany (BRD):** AFN = American Forces Network — BR = Bayerischer Rundfunk — DLF = Deutschlandfunk — ERF = Europe No. 1 — HR = Hessischer Rundfunk — NDR = Norddeutscher Rundfunk — RB = R. Bremen — SDR = Süddeutscher Rundfunk — WDR = Westdeutscher Rundfunk.
**Germany (DDR):** SDDR = Stimme der DDR — RMR = R. Moscow relay — DDR = R. DDR 1 — DDR F = R. DDR Ferienwelle — MW = Leipziger Messewelle — RBI = R. Berlin International — BR = Berliner Rundfunk.

| Country | kW | Location |
|---|---|---|
| **155 kHz** | | |
| Germany | 500/250 | Donebach (DLF) |
| Romania | 1200 | Brasov |
| USSR | 500 | Ufa |
| **164 kHz** | | |
| France | 2000 | Allouis |
| **173 kHz** | | |
| USSR | 2000 | Rostov-Na-Donu (?) |
| | 1000 | Kaliningrad |
| | 500 | Lvov |
| | 500 | Moscow |
| | 300 | Syktyvkar |
| Morocco | 1200 | Nador |
| **179 kHz** | | |
| Germany, DDR | 750 | Oranienburg (SDDR) |
| **182 kHz** | | |
| Turkey | 1200 | Polati |
| **185 kHz** | | |
| Germany, BRD | 2000 | Saarlouis (ERF) |
| **191 kHz** | | |
| Italy | 10 | Caltanissetta |
| Sweden | 300 | Motala |
| USSR | 500 | Tbilisi |
| **200 kHz** | | |
| Poland | 200 | Warszawa 3 |
| United Kingdom | 400 | Droitwich |
| | 50 | Burghead |
| | 50 | Westerglen |
| USSR | 150 | Leningrad |
| | 100 | Moscow |
| | 300 | Ufa |
| Turkey | 200 | Etimesgut |
| **209 kHz** | | |
| Germany, BRD | 500 | München (DLF) |
| Iceland | 100 | Vatnsendi |
| | 20 | Eidar |
| USSR | 500 | Kiev |
| Morocco | 800 | Azilal |
| **218 kHz** | | |
| Monaco | 1400 | Roumoules |
| Norway | 200 | Oslo |
| USSR | 500 | Baku |
| **227 kHz** | | |
| Poland | 2000 | Konstantynow 1 |
| **236 kHz** | | |
| Luxembourg | 2000 | Junglinster |
| USSR | 1200 | Kuybyshev |
| | 1000 | Leningrad |
| | 1000 | Kishinev |
| | 150 | Arkhangelsk |
| **245 kHz** | | |
| Denmark | 300 | Kalundborg |
| USSR | 300 | Belebey |
| Turkey | 200 | Erzurum |
| **254 kHz** | | |
| Finland | 200 | Lahti |
| USSR | 150 | Yerevan |
| | 150 | Kazan |
| Algeria | 1500/750 | Tipaza |
| **263 kHz** | | |
| Bulgaria | 500 | Plovdiv |
| Germany, DDR | 200 | Burg (RMR/Volga) |
| USSR | 2000 | Moscow |
| **272 kHz** | | |
| Czechoslovakia | 1500 | Topolná |
| USSR | 15 | Orenburg |
| **281 kHz** | | |
| USSR | 500 | Minsk |
| **520 kHz** | | |
| Austria | 10 | Innsbruck-Aldrans |
| Germany, BRD | 0.2 | Hof (BR) |
| | 0.2 | Würzburg (BR) |
| USSR | — | ? |
| **526 kHz** | | |
| Vatican | 5 | Vatican City |
| **531 kHz** | | |
| Faroe Isl. | 5 | Torshavn |
| Germany, DDR | 5 | Greifswald (DDR) |
| | 100 | Leipzig (DDR) |
| Ireland | 5 | Dublin |
| Romania | 15 | Petrosani |
| Switzerland | 500 | Beromünster |
| USSR | 30 | Cheboksary |
| Yugoslavia | 10 | Titovo Uzice |
| | 1 | Vranje |
| Algeria | 600/300 | Ain Beida |
| Nigeria | 50 | Akure |
| Tanzania | 10 | Dar-es-Salaam |
| Iran | 20 | Iranshahr |
| Israel | 200 | Jerusalem |
| **540 kHz** | | |
| Belgium | 150/50 | Wavre-Overijse |
| Finland | 15 | Oulu |
| Hungary | 2000 | Solt |
| Ireland | 2 | Galway |
| USSR | — | Unknown, E. |
| Bophuthatswana | 50 | Hebron |
| Malawi | 10 | Mangochi |
| Mali | 100 | Bamako |
| Morocco | 600 | Sidi Bennour |
| Nigeria | 50 | Sokoto |
| Sudan | 50 | Nyala |
| Iran | 200 | Mashdad |
| Kuwait | 1500 | Sulaibiyah |
| **549 kHz** | | |
| Germany, BRD | 200 | Thurnau (DLF) |
| | 100 | Nordkirchen (DLF) |
| USSR | 1000 | Kishinev |
| | 1000 | Minsk |
| | 150 | Rovno |
| | 100 | Bobruisk |
| | 100 | Leningrad |
| | 100 | Moscow |
| | 100 | Simferopol |
| | 25 | Kaliningrad |
| Yugoslavia | 20 | Koper |
| | 100 | Pec |
| Algeria | 600 | Les Trembles |
| Gabon | 20 | Oyem |
| Nigeria | 50 | Kano |
| Zambia | 100 | Kitwe |
| Lebanon | — | Telznoub |
| Saudi Arabia | 2000 | Qurayyat |
| | 1 | Diriyah |
| | 1000 | Gizan |
| **558 kHz** | | |
| Finland | 100 | Espoo |
| Germany, DDR | 20 | Rostock (DDR/F) |
| | 20 | Neubrandenburg (DDR/F) |
| Int. Waters | 17 | Laser 5-5-8 |
| Portugal | 10 | Guarda |
| | 10 | Faro |
| Romania | 200 | Tirgu Jiu |
| | 1 | Cimpeni |
| Switzerland | 300 | Cima di Dentro |
| Yugoslavia | 20 | Maribor |
| Algeria | 1 | Touggourt |
| Egypt | 40 | Abu Zaabal |
| Kenya | 20 | Kisumu |
| Malawi | 10 | Karonga |
| Mozambique | 5 | Inhambane (557) |
| Nigeria | 50 | Calabar |
| | 25 | Sokoto |
| Iran | 1000 | Gheshlagh |
| Iraq | 300 | Rutba |

| Country | kW | Location |
|---|---|---|
| **567 kHz** | | |
| Germany, BRD | 100 | Berlin |
| Ireland | 500 | Tullamore |
| Italy | 25 | Bologna |
| | 25 | Caltanisetta |
| | 6 | Salento |
| | 2 | Aosta |
| Portugal | 10 | Valença do Minho |
| Romania | 50 | Brasov |
| | 50 | Satu Mare |
| USSR | 250 | Volgograd |
| Yugoslavia | 10 | Strumica |
| | 10 | Pljevlja |
| Morocco | 50 | Laayoune |
| Nigeria | 10 | Owerri |
| Zaire | 2 | Lubumbashi |
| Zambia | 10 | Kasama |
| Saudi Arabia | 20 | Abha |
| **576 kHz** | | |
| Bulgaria | 100 | Vidin |
| Germany, BRD | 300 | Mühlacker |
| Germany, DDR | 250 | Schwerin (DDR) |
| Portugal | 10 | Braga (RRE) |
| | 1 | Bragança |
| Int. Waters | 5 | Caroline |
| USSR | 500 | Riga |
| | 50 | Astrakhan |
| | 25 | Nalchik |
| | 5 | Daugavpils |
| Yugoslavia | 2 | Prijedor |
| Algeria | 400 | Bechar |
| Nigeria | 50 | Ibadan |
| South Africa | 2 | Maraisburg |
| Uganda | 100 | Mitvana |
| Israel | 200 | Tel Aviv |
| Saudi Arabia | 1 | Gizam |
| Syria | 1000 | Damas-Adra |
| **580 kHz** | | |
| Iran | 600 | Abadan |
| **585 kHz** | | |
| Austria | 600/240 | Wien-Bisamberg |
| | 25 | Klagenfurt |
| France | 8 | Paris |
| | 4 | Marseille |
| Spain | 200 | Madrid |
| | 4 | Vitoria |
| United Kingdom | 2 | Dumfries |
| USSR | 30 | Perm |
| Vatican | 5 | Vatican City (r. 526) |
| Nigeria | 50 | Ugwuaji |
| Tanzania | 50 | Chumbuni/Zanzibar |
| Transkei | 100 | Umtata |
| Tunisia | 350 | Gafsa |
| Zimbabwe | 2 | Harare |
| Lebanon | 5 | Beirut |
| Saudi Arabia | 1200 | Riyadh |
| **590 kHz** | | |
| Sudan | 200 | Omdurman |
| **594 kHz** | | |
| Bulgaria | 250 | Pleven |
| Germany, BRD | 400 | Frankfurt (HR) |
| | 200 | Meissner (HR) |
| Portugal | 100 | Muge (RRE) |
| USSR | 100 | Izhevsk |
| | 25 | Ordzhonikidze |
| Yugoslavia | 1 | Cerkno |
| | 1 | Djakovo |
| | 10 | Nikšić |
| Malawi | 50 | Lilongwe |
| Morocco | 100 | Oujda |
| Namibia | 100 | Windhoek |
| Nigeria | 250 | Kaduna |
| Southwest Africa | 100 | Tsumeb |
| Iran | 100 | Zahedan |
| Saudi Arabia | 2000 | Duba |
| **603 kHz** | | |
| France | 300 | Lyon-Tramoyes |
| Romania | 50 | Botosani |
| | 30 | Bucuresti |

| Country | kW | Location |
|---|---|---|
| **603 kHz** | | |
| Romania | | |
| | 14 | Turnu Severin |
| | 2 | Oradea |
| United Kingdom | 2 | Newcastle |
| | — | Canterbury |
| Madeira | 10/1 | Arieiro |
| Reunion | 4 | Le Port |
| Tanzania | 100 | Dodoma |
| Transkei | 100 | Umzimkulu |
| Zambia | 10 | Mongu |
| Cyprus | 20 | Nicosia |
| Iraq | 300 | Nineva |
| Saudi Arabia | 10 | Afif |
| **612kHz** | | |
| Ireland | 100 | Tullamore |
| USSR | 100 | Tallinn |
| | 100 | Petrozavodsk |
| | 30 | Murmansk |
| | 25 | Vilnius |
| | 25 | Baku |
| Yugoslavia | 600 | Sarajevo |
| Kenya | 100 | Nairobi |
| Morocco | 300 | Sebaa-Aioun |
| Nigeria | 50 | Ilorin |
| Zimbabwe | 2 | Gweru |
| Bahrain | 20 | Manama |
| Iran | 400 | Qasr-e-Shirin |
| Syria | 300 | Homs |
| **615 kHz** | | |
| Albania | — | Unknown |
| **621 kHz** | | |
| Belgium | 300 | Wavre-Overijse |
| Spain | 10 | Barcelona |
| USSR | 50 | Makhachkala |
| Botswana | 50 | Selebi-Phikwe |
| Canary Isl | 100 | Santa Cruz, Tenerife |
| Egypt | 500 | Batra |
| Nigeria | 50 | Enugu |
| Tanzania | 50/10 | Mbeya |
| Iran | 20 | Birjand |
| **630 kHz** | | |
| Germany, BRD | 10 | Dannenberg |
| Norway | 100 | Vigra |
| Portugal | 50 | Montemor |
| | 1 | Chaves |
| | 1 | Miranda do Douro |
| Romania | 400 | Timisoara |
| United Kingdom | 2 | Redruth |
| | 0.3 | Luton |
| USSR | 50 | Saratov |
| Liberia | 10 | Monrovia |
| Nigeria | 50 | Maiduguri |
| Tunisia | 600 | Tunis-Djedeida |
| Zambia | 500 | Lusaka |
| Afghanistan | 10 | Herat |
| Iraq | 20 | Kirkuk |
| Turkey | 300 | Çukurova |
| **639 kHz** | | |
| Czechoslovakia | 1500 | Praha |
| Spain | 100 | LaCoruña |
| | 20 | Almería |
| | 20 | Bilbao |
| | 20 | Zaragoza |
| | 10 | Albacete |
| Yugoslavia | 1 | Drnis |
| | 1 | Gracanica |
| | 1 | Stio |
| | 1 | Soko Banja |
| Kenya | 50 | Mombasa |
| Nigeria | 50 | Kaduna |
| | 5 | Benin |
| Uganda | 100 | Kampala |
| Cyprus | 500 | Zakaki |
| Iran | 400 | Bonab |
| **648 kHz** | | |
| Albania | 15 | Rrogozhina |
| Azores | 10 | Lajes |
| Bulgaria | 30 | Plovdiv |
| Greece | 10 | Komotini |

| Country | kW | Location |
|---|---|---|
| **648 kHz** | | |
| United Kingdom | 500 | Orfordness |
| USSR | 150 | Simferopol |
| Yugoslavia | 10 | Murska Sobota |
| | 0.1 | Lazarevac |
| Gambia | 10 | Bonto |
| South Africa | 2 | Maraisburg |
| Afghanistan | 10 | Taluqan |
| Saudi Arabia | 2000 | Jeddah |
| **657 kHz** | | |
| Germany, DDR | 20 | Neubrandenburg (BR) |
| | 250 | Burg (BR) |
| | 4 | Reichenbach (BR) |
| Ireland | 0.2 | Bray |
| Italy | 120 | Napoli |
| | 100 | Firenze |
| | 50 | Torino |
| | 25 | Bolzano |
| | 25 | Venezia |
| Spain | 20 | Madrid |
| United Kingdom | 2 | Wrexham |
| | 0.5 | Bodmin |
| USSR | 150 | Murmansk |
| USSR | 50 | Groznyy |
| | 25 | Chernovtsy |
| Morocco | 50 | Laayoune |
| Nigeria | 100 | Ibadan |
| Tanzania | 100 | Dar es Salaam (656) |
| Afganistan | 25 | Kabul |
| Israel | 200 | Tel Aviv |
| UAE | 2×50 | Sadiyat |
| **666 kHz** | | |
| Germany, BRD | 350/180 | Rohrdorf |
| Greece | 50 | Athens |
| Iceland | 5 | Höfn |
| Portugal | 135 | Lisboa |
| | 10 | Vila Real |
| | 1 | Bragança |
| United Kingdom | 0.5 | Exeter |
| | 0.5 | Fulford |
| USSR | 500 | Vilnius |
| | 30 | Maykop |
| | 50 | So. Eu. USSR |
| Yugoslavia | 10 | Sombor |
| Algeria | 5 | Tindouf |
| Kenya | 20 | Misumu |
| Nigeria | 50 | Benin |
| Reunion | 20 | St. Pierre |
| Zambia | 10 | Chipata |
| Afghanistan | 25 | Kabul |
| Syria | 600 | Damas-Sabboura |
| **675 kHz** | | |
| France | 600 | Marseille |
| Netherlands | 120 | Lopik |
| USSR | 50 | Uzhgorod |
| | 50 | Volochisk |
| Yugoslavia | 5/1 | Bosilegrad (693) |
| Kenya | 20 | Nairobi |
| Libya | 100 | Benghazi |
| Malawi | 50 | Lusangazi |
| Morocco | 20 | Tan-Tan |
| Nigeria | 10 | Uzalla |
| Israel | 20 | Jerusalem |
| Qatar | 100 | Al Khaisah |
| Saudi Arabia | 20 | Abha |
| **684 kHz** | | |
| Germany, BRD | 40 | Hof-Saale (RIAS) |
| Spain | 250 | Sevilla |
| | 10 | Burgos |
| Yugoslavia | 2000 | Beograd |
| Gambia | 10 | Bonto |
| Mauritius | 10 | Curepipe |
| South Africa | 5 | East London |
| Zimbabwe | 2 | Bulawayo |
| Iran | 100 | Mashdad |
| Lebanon | 12 | Marjayoun |
| Saudi Arabia | 50 | Jeddah |
| **693 kHz** | | |
| Azores | 10 | Terceira |

| Country | kW | Location |
|---|---|---|
| **693 kHz** | | |
| Germany, DDR | 250 | Berlin (BR) |
| Portugal | 10 | Viseu |
| Spain | 20 | Badalona |
| United Kingdom | 150 | Droitwich |
| | 50 | Start Point |
| | 50 | Burghead |
| | 50 | Stagshaw |
| | 10 | Postwick |
| | 1 | Barrow |
| | 1 | Bexhill |
| | 1 | Brighton |
| | 1 | Folkestone |
| | 1 | Enniskillen |
| | 1 | Redmoss |
| USSR | 30 | Ufa |
| Yugoslavia | 1 | Negotin |
| Algeria | 4 | Reggane |
| | 4 | Ain-el-Hamam |
| Madagascar | 2x75 | Antananarivo |
| Nigeria | 10 | Makurdi |
| Somalia | 300 | Mogadishu |
| Sudan | 10 | Juba |
| Senegal | 20 | Ziguinchor |
| Zaire | 600 | Kinshasa |
| Cyprus | 20 | Nicosia |
| Iraq | 600 | Basrah |
| **702 kHz** | | |
| Andorra | 300 | Andorre la Vieille |
| Bulgaria | 10 | Kurdjali |
| Czechoslovakia | 400 | Koŝice |
| | 14 | Poprad-Tatry |
| | 14 | Orava |
| | 14 | Zilima |
| | 14 | Rimavska Sobota |
| Germany, BRD | 5/1 | Aachen (WDR) |
| | 5/1.2 | Flensburg (NDR) |
| | 3 | Kleve (WDR) |
| | 2 | Herford (WDR) |
| | 2 | Siegen (WDR) |
| Monaco | 300 | Monte Carlo |
| Norway | 20 | Vadsø |
| USSR | 500 | Kaliningrad |
| | 100 | Yerevan |
| Yugoslavia | 10 | Sabac |
| Bophuthatswana | 100 | Ga-Rankuwa |
| Angola | 10 | Luanda |
| Benin | 1 | Parakou |
| Egypt | 10 | El Kharga |
| Kenya | 100 | Meru |
| Morocco | 240 | Sebaa-Aioun |
| Nigeria | 10 | Wukari |
| | 10 | Bida |
| Iran | 100 | Rasht |
| Oman | 1500 | Masirah Island |
| Turkey | 150 | Ümraniye |
| **711 kHz** | | |
| Bulgaria | 1 | Silistra |
| France | 300 | Rennes |
| Germany, BRD | 5 | Heidelberg (SDR) |
| | 5 | Heilbronn (SDR) |
| | 5 | Ulm (SDR) |
| | 0.2 | Bopfingen (SDR) |
| | 0.2 | Wertheim (SDR) |
| Romania | 30 | Sighet |
| USSR | 150 | Donetsk |
| | 50 | Tallin |
| | 30 | Naryan-Mar |
| | 5 | Kothla-Järve |
| | 5 | Pärnu |
| | 5 | Tartu |
| Yugoslavia | 20 | Niš |
| Egypt | 100 | Abu Zaabal |
| Liberia | 10 | Monrovia |
| Libya | 50 | Ghadames |
| | 50 | Jefren |
| | 50 | Sebha |
| Morocco | 10 | Tarfaya |
| Nigeria | 10 | Akure |
| Zimbabwe | 2 | Gweru |

| Country | kW | Location |
|---|---|---|
| **711 kHz** | | |
| Iran | 20 | Khorammabad |
| Israel | 1 | Jerusalem |
| Yemen | 300 | Mocha (716) |
| **720 kHz** | | |
| Germany, BRD | 200 | Langenberg |
| | 150 | Holzkirchen |
| Poland | — | Warsaw |
| Portugal | 100 | Norte-Azurara |
| | 10 | Mirandela |
| | 10 | Faro |
| | 1 | Castelo Branco |
| Romania | 1 | Borsa |
| United Kingdom | 10 | Lisnagarvey |
| | 0.5 | London |
| | 0.25 | Londonderry |
| Yugoslavia | 1 | Struga |
| | 1 | Vukovar |
| Canary Isl | 20 | Santa Cruz |
| Chad | 0.1 | Sarh |
| Nigeria | 50 | Owerri |
| Tanzania | 50/100 | Mwanza |
| Tunisia | 200 | Sfax-Sidi Mansour |
| Cyprus | 500 | Zakaki |
| Iran | 400 | Tayebad |
| **729 kHz** | | |
| Germany, DDR | 5 | Putbus (DDR/F) |
| | 5 | Leipzig (MW) |
| Greece | 150 | Athens |
| Ireland | 10 | Cork |
| Spain | 50 | Oviedo |
| | 20 | Logroño |
| | 20 | Malaga |
| | 10 | Valladolid |
| | 5 | Cuenca |
| Nigeria | 25 | Kano |
| Reunion | 20 | St. André |
| South Africa | 5 | Cape Town |
| | 2 | Maraisburg |
| Uganda | 100 | Butebo |
| Zambia | 1 | Livingstone |
| United Arab Em. | 700 | Sadiyat |
| **738 kHz** | | |
| Iceland | 5 | Skjaldarvik |
| Ireland | 1 | Dublin |
| Poland | 300 | Poznan |
| Spain | 250 | Barcelona |
| USSR | 50 | Cheylabinsk |
| | 5 | Moscow |
| | 10 | Krusevac |
| Yugoslavia | 25 | Zagreb |
| | 1 | Tetovo |
| Algeria | 5 | In Amenas |
| Mozambique | 50 | Maputo (737) |
| Nigeria | 20 | Bauchi |
| Iran | 10 | Mashhad |
| Israel | 1200 | Tel-Aviv |
| **747 kHz** | | |
| Bulgaria | 500 | Petrič |
| Holland | 400 | Flevoland |
| Gambia | 1 | Basse |
| Kenya | 100 | Nairobi |
| S. Tomé e P. | 5 | S. Tomé |
| S.W.Africa | 100 | Gobabis |
| Upper Volta | 100 | Ouagadougou |
| Iran | 800 | Bandar Turkamen |
| Saudi Arabia | 20 | Najran |
| Syria | 100 | Sarakeb |
| **756 kHz** | | |
| Germany, BRD | 800/200 | Braunschweig (DLF) |
| | 100 | Ravensburg (DLF) |
| Malta | 20 | Delimara |
| Portugal | 135 | Castanheira |
| Romania | 400 | Lugoj |
| United Kingdom | 2 | Redruth |
| | 1 | Carlisle |
| | 1 | Shrewsbury |
| Yugoslavia | 10 | Čapljina |
| Egypt | 10 | Assiut |
| | 5 | Sohag |
| Malawi | 50 | Blantyre |

| Country | kW | Location |
|---|---|---|
| **756 kHz** | | |
| Nigeria | 50 | Ibadan |
| | 25 | Maiduguri |
| Uganda | 10 | Ne-bi |
| Iraq | 300 | Hurriyah |
| Yemen | 50 | Al-Hiswah |
| **765 kHz** | | |
| Greece | 10 | Ioannina |
| Ireland | — | Mullingar |
| Switzerland | 500 | Sottens |
| USSR | 150 | Medvezhyegorsk |
| | 150 | Odessa |
| Yugoslavia | 2 | Zadar |
| | 1 | Koprivnica |
| Nigeria | 10 | Okitipupa |
| Sudan | 100 | Soba |
| Senegal | 400 | Dakar |
| Iran | 1200 | Chah Bahar |
| Iraq | — | Abu Ghuraib |
| Saudi Arabia | 50 | Qurayyat |
| **774 kHz** | | |
| Austria | 0.05 | 3 lowpowers |
| Bulgaria | 150 | Stolnik |
| | 30 | Varna |
| Germany, BRD | 5 | Bonn (WDR) |
| Spain | 60 | Caceres |
| | 50 | Valenoia |
| | 50 | San Sebastian |
| | 20 | Orense |
| | 10 | Leon |
| | 10 | Soria |
| | 5 | C. de Gibraltar |
| United Kingdom | 1 | Enniskillen |
| | 1 | Plymouth |
| | 0.7 | Canterbury |
| | 0.5 | Leeds |
| | 0.3 | Gloucester |
| USSR | 100 | Voronezh |
| Yugoslavia | 20 | Tovarnik |
| | 10 | Split |
| | 2 | Sibenik |
| | 1 | Bihac |
| Egypt | 500 | Abis |
| Gambia | 1 | Basse |
| Nigeria | 25 | Benin |
| | 10 | Bali |
| **777 kHz** | | |
| Iran | 100 | Zahedan |
| **783 kHz** | | |
| Germany, DDR | 1000 | Burg (SDDR) |
| Portugal | 50 | Miramar |
| USSR | 150 | Kazan |
| | 100 | Kiev |
| | 50 | Simferopol |
| | 50 | Uzhgorod |
| Yugoslavia | 10 | Buje |
| Algeria | 5 | Djanet |
| Mozambique | 5 | Lichinga (v.f.) |
| Nigeria | — | Unknown, 2 sts |
| South Africa | 5 | Bloemfontein |
| Saudi Arabia | — | Ras-as-Zawr |
| Syria | 600 | Tartus |
| **792 kHz** | | |
| Czechoslovakia | 30 | Praha-Mesto |
| | 6 | Bratislava |
| France | 300 | Limoges |
| Greece | 500 | Kavalla |
| Spain | 20 | Sevilla |
| United Kingdom | 1 | Londonderry |
| | 0.2 | Bedford |
| USSR | 50 | Astrakhan |
| Yugoslavia | 1 | Arandjelovac |
| | 1 | Banovici |
| | 1 | Čapljina |
| Kenya | 100 | Mombasa |
| Libya | 20 | Sirte |
| Zimbabwe | 1 | Kadoma |
| Saudi Arabia | 50 | Jeddah |
| **801 kHz** | | |
| Germany, BRD | 300/550 | Müchen-Ismaning (BR) |
| | 50 | Nürnberg (BR) |

| Country | kW | Location |
|---|---|---|
| **801 kHz** | | |
| United Kingdom | 2 | Barnstaple |
| USSR | 1000 | Leningrad |
| | 150 | Baku |
| Niger | 0.1 | N'Guigmi |
| Nigeria | 10 | Damagum |
| South Africa | 2 | Durban |
| Bahrain | 50 | Manama |
| Iran | 10 | Rezaiyeh |
| Jordan | 2000 | Ajlun |
| | 200 | Amman |
| **810 kHz** | | |
| Germany, BRD | 5 | Berlin (BBC) |
| Spain | 20 | Madrid |
| United Kingdom | 100 | Burghead |
| | 100 | Westerglen |
| | 5 | Redmoss |
| USSR | 150 | Volgograd |
| | 50 | Ulyanovsk |
| | 30 | Kuybyshev |
| | 6 | Kharkov |
| | 5 | Voru |
| Yugoslavia | 1000 | Skopje |
| Nigeria | 10 | Ilorin |
| Senegal | 1 | Podor |
| South Africa | 5 | Grahamstown |
| Uganda | 100 | Bobi |
| UAE | 50 | Maqtaa |
| **819 kHz** | | |
| Andorra | 900 | Andorre La Vieille |
| France | | Toulouse |
| | | Pau |
| Ireland | — | Cavan |
| Italy | 25 | Trieste |
| Poland | 300 | Warszawa |
| Chad | 1 | Abéché |
| | 0.1 | Sarh |
| Egypt | 450 | Batra |
| Mauritius | 10 | Forest Side |
| Morocco | 25 | Rabat |
| Zambia | 100 | Lusaka |
| Iran | 20 | Sari |
| **828 kHz** | | |
| Bulgaria | 500 | Šumen |
| | 150 | Sofia |
| Germany, BRD | 100/5 | Hannover (NDR) |
| | 40 | Freiburg (SWF) |
| | 0.5 | Kiel (NDR) |
| Ireland | 1 | Clonmel |
| Portugal | 1 | Castelo Branco |
| | 1 | Coimbra |
| | 1 | Viseu |
| | 1 | Guarda |
| | 1 | Covilha |
| Spain | 20 | Barcelona |
| United Kingdom | 0.5 | Bournemouth |
| | 0.18 | Leeds |
| | 0.18 | Dunstable |
| | 0.2 | Wolverhampton |
| USSR | 50 | Gorkiy |
| Yugoslavia | 1 | Vrbovec |
| Angola | 1 | Lobito |
| Libya | 300 | Sebha (827) |
| Morocco | 100 | Oujda |
| Nigeria | 25 | Enugu |
| South Africa | 5 | Welgedacht |
| Zambia | 10 | Mongu |
| Saudi Arabia | 20 | Medinah |
| Syria | 1500 | Deir-el-Zawr |
| **834 kHz** | | |
| Liberia | 5 | Harper |
| **837 kHz** | | |
| Azores | 10 | Barossa |
| France | 200 | Nancy |
| Spain | 10 | Sevilla |
| | 2 | Ibiza |
| United Kingdom | 1 | Barrow |
| | 0.7 | Leicester |
| USSR | 150 | Kharkov |
| | 50 | Baku |

| Country | kW | Location |
|---|---|---|
| **837 kHz** | | |
| Yugoslavia | 10 | Baske Ostarije |
| | 2 | Dubrovnik |
| Algeria | 4 | Beni Abbes |
| Canary Isl | 10 | Las Palmas |
| Mozambique | 5 | Chimoio |
| Tanzania | 1 | Dar-es-Salaam |
| Iran | 400 | Shiraz |
| Lebanon | — | Amchit |
| **840 kHz** | | |
| Chad | 20 | N'djamena |
| **846 kHz** | | |
| Czechoslovakia | 30 | České Budějovice |
| | 30 | Ostrava |
| Italy | 540 | Roma |
| USSR | 30 | Elista |
| | 7.5 | Moscow |
| | 5 | Noginsk |
| Nigeria | — | Unknown |
| Iran | 2 | Damghan |
| Iraq | - | Misan |
| Israel | 5 | Safad |
| Saudi Arabia | 5 | Buraidah |
| UAE | 20 | Um-Al-Qawain |
| **855 kHz** | | |
| Germany, BRD | 100 | Berlin |
| Romania | 1500 | Bucuresti |
| Spain | 125 | Murcia |
| | 20 | Santander |
| | 20 | Pontevedra |
| | 10 | Pamplona |
| | 10 | Ponferrada |
| | 5 | Huelva |
| United Kingdom | 1 | Norwich |
| | 1 | Plymouth |
| | 0.5 | Blackburn |
| USSR | 30 | Penza |
| Ethiopia | 100 | Harar |
| Nigeria | — | Pt. Harcourt |
| Zimbabwe | 1 | Masvingo |
| Zambia | 10 | Chipata |
| Jordan | 10 | Amman |
| **860 kHz** | | |
| Sudan | 7 | Port Sudan |
| **864 kHz** | | |
| Albania | 5 | Saranda |
| Bulgaria | 30 | Kjustendil |
| Czechoslovakia | 6 | Ustí nad Labem |
| France | 300 | Paris |
| USSR | 150 | Yerevan |
| Yugoslavia | 20 | Rijeka |
| | 1 | I. Grad |
| | 1 | Sokolac |
| Afghanistan | 10 | Kandahahr |
| Congo | 10 | Ft Rousset (863) |
| Egypt | 500 | Santah |
| Morocco | 15 | Rachidia |
| Sierra Leone | 50 | Kenema |
| South Africa | 2 | Pietersburg |
| Lebanon | 10 | Jounieh |
| Saudi Arabia | — | Ras-as-Zawr |
| **873 kHz** | | |
| Bulgaria | 30 | Stara Zagora |
| Germany, BRD | 150 | Frankfurt (AFN) |
| Hungary | 20 | Lakihegy |
| | 15 | Pecs |
| Spain | 20 | Zaragoza |
| United Kingdom | 0.25 | King's Lynn |
| | 1 | Enniskillen |
| USSR | 150 | Kaliningrad |
| | 150 | Kiev |
| | 150 | Kishinev |
| | 150 | Leningrad |
| | 150 | Mezen |
| | 150 | Minsk |
| | 150 | Moscow |
| Algeria | 5 | Ghardaia |
| Ethiopia | 100 | Addis Ababa |
| Mozambique | 50 | Beira (872) |
| Lebanon | 25 | Beirut |

| Country | kW | Location |
|---|---|---|
| **873 kHz** | | |
| Saudi Arabia | 10 | Qassim |
| Syria | 10 | Damascus |
| **882 kHz** | | |
| Germany, DDR | 100 | Königs Wusterhausen (DDR) |
| Spain | 2 | Alicante |
| | 2 | Valladolid |
| | 2 | Sabadell |
| United Kingdom | 70 | Washford |
| | 10 | Penmon |
| | 5 | Tywyn |
| USSR | 150 | Stavropol |
| Yugoslavia | 100 | Titograd |
| | 10 | Pljevlja |
| Canary Isl | 20 | La Laguna |
| Egypt | 10 | Matruh |
| Kenya | 100 | Kisumu |
| Nigeria | 50 | Kaduna |
| Swaziland | 10 | Mbabane |
| Zambia | 10 | Kasama |
| Iran | 10 | Mahabad |
| Israel | 1 | Bet Hillel |
| Saudi Arabia | 10 | Dammam |
| **891 kHz** | | |
| Bulgaria | 10 | Burgas |
| Ireland | — | Dublin |
| Netherlands | 10 | Hulsberg |
| Portugal | 10 | Faro |
| | 10 | Vila Moura |
| USSR | 150 | Uzhgorod |
| | 30 | Baku |
| Algeria | 600/300 | Alger |
| Lesotho | 100 | Lancer's Gap |
| Nigeria | 10 | Ogbomosho |
| Zimbabwe | 2 | Harare |
| Lebanon | 1 | Mourabitoun |
| Iran | 20 | Yasuj |
| Turkey | 600 | Antalya |
| **900 kHz** | | |
| Czechoslovakia | 50 | Brno-Komárov |
| | 30 | Plzen |
| | 30 | Karlovy Vary |
| Italy | 600 | Milano |
| USSR | 50 | Yoshkar-Ola |
| Yugoslavia | 2 | Beograd |
| Cameroon | 20 | Yaoundé |
| Kenya | 100 | Meru |
| Nigeria | 10 | Itele |
| Iran | 40 | Yasuj |
| Saudi Arabia | 1000 | Qurayyat |
| **905 kHz** | | |
| Lebanon | — | Beirut |
| **909 kHz** | | |
| Albania | — | Unknown |
| Azores | 10 | Angra Do Heroísmo |
| Romania | 50 | Cluj |
| | 15 | Resita |
| United Kingdom | 140 | Brookmans Park |
| | 200 | Moorside Edge |
| | 50 | Westerglen |
| | 50 | Clevedon |
| | 10 | Lisnagarvey |
| | 2 | Redruth |
| | 1 | Bournemouth |
| | 1 | Exeter |
| | 1 | Fareham |
| | 1 | Londonderry |
| | 1 | Whitehaven |
| Algeria | 5 | Tamanrasset |
| Gambia | 2.5 | Banjul |
| Libya | 20 | Giaghboub |
| | 10 | Kufra |
| Morocco | 5 | Safi C |
| Nigeria | 20 | Abuja |
| Uganda | 100 | Kampala |
| Zambia | 10 | Solwezi |
| Afghanistan | 10 | Mazar-I-Sharif |
| Iraq | 300 | Hurriyah |
| **918 kHz** | | |
| Spain | 20 | Madrid |

| Country | kW | Location |
|---|---|---|
| **918 kHz** | | |
| USSR | 100 | Mezen |
| | 50 | Makhachkala |
| | 7.5 | Moscow |
| Yugoslavia | 600 | Ljubljana-Domžale |
| Egypt | 10 | Hurghada |
| Kenya | 20 | Nakuru |
| Nigeria | 50 | Makurdi |
| | 20 | Ikeja |
| Zambia | 10 | Manza |
| Cyprus | 2 | Paphos |
| Iran | 20 | Jiroft |
| Saudi Arabia | 50 | Duba |
| **927 kHz** | | |
| Belgium | 300 | Wolvertem |
| Greece | 50 | Zakynthos |
| Portugal | 1 | Lamego (926) |
| | 1 | Evora (RRE) |
| Algeria | 5 | Timimoun |
| Zambia | 10 | Livingstone |
| Iran | 20 | Bojnurd |
| Israel | 1 | Eilat |
| Turkey | 200 | Izmir |
| **936 kHz** | | |
| Germany, BRD | 100 | Bremen (RB) |
| | 5 | Bremerhaven (RB) |
| Italy | 5 | Trapani |
| United Kingdom | 0.2 | Chippenham |
| USSR | 500 | Lvov |
| Yugoslavia | 10 | Gevgelija |
| | 2 | Djakovica |
| | 1 | Ruma |
| Angola | 1 | Lobito (937) |
| Benin | 100 | Parakou |
| Egypt | 30 | Abu Zaabal |
| Mozambique | 0.25 | Quelimane (935) |
| Morocco | 600 | Agadir |
| Zambia | 1 | Kabwe |
| Iran | 10 | Oromieh |
| Saudi Arabia | 10 | Diriyah |
| **940 kHz** | | |
| Italy | 0.1 | Asolo |
| **945 kHz** | | |
| Bulgaria | 30 | Pleven |
| France | 300 | Toulouse |
| Greece | 5 | Larissa |
| Ireland | — | Dublin |
| Romania | 14 | Miercurea Ciuc |
| Spain | 2 | Lérida |
| USSR | 300 | Rostov-na-Donu |
| | 50 | Riga |
| Yugoslavia | 100 | Sarajevo |
| | 2 | Kumanovo |
| | 1 | Smederevo |
| Angola | 10 | Luanda (944) |
| Ethiopia | 50 | Asmara |
| Nigeria | 10 | Abeokuta |
| São Tomé e P. | 20 | São Tomé |
| Afghanistan | 10 | Farah |
| Iran | 20 | Marivan |
| Lebanon | 12 | Marjayoun |
| **953 kHz** | | |
| Syria | 60 | Deir-el-Zawr |
| **954 kHz** | | |
| Czechoslovakia | 100 | Brno |
| Greece | 10 | Heraklion |
| Spain | 20 | Madrid |
| | 2 | Lleida |
| United Kingdom | 0.4 | Torbay |
| | 0.2 | Hereford |
| Yugoslavia | 2 | Gnjilane |
| Kenya | 100 | Kisumu |
| Nigeria | 10 | Enugu |
| Swaziland | 100/50 | Sidvokodvo |
| Qatar | 1500 | Al Arish |
| Turkey | 300 | Trabzon |
| **963 kHz** | | |
| Albania | 15 | Korce |
| Austria | 0.1 | 2 lowpowers |
| Bulgaria | 150 | Dragoman |
| Finland | 100 | Turku |

| Country | kW | Location |
|---|---|---|
| **963 kHz** | | |
| France | 8 | Paris |
| Int. Waters | 50 | R. Caroline |
| Ireland | 10 | Donegal |
| Portugal | 10 | Lisbon (RRE) |
| Yugoslavia | 2 | Celje |
| Egypt | 10 | Salum |
| Senegal | 1 | Matam |
| Somalia | 150 | Mogadishu |
| Sudan | 60 | Soba (960 kHz) |
| Tunisia | 200 | Tunis-Djedeida |
| Iran | 20 | Birjand |
| **972 kHz** | | |
| Albania | 20 | Puke |
| Germany, BRD | 300 | Hamburg (NDR) |
| Greece | — | (ERT 2) |
| USSR | 500 | Nikolayev |
| Botswana | 50 | Gaborone |
| Cameroon | 20 | Bertoua (971) |
| Morocco | 1 | Marakech |
| Iran | 10 | Ilam |
| United Arab Emirates | 2×50 | Fujairah |
| **981 kHz** | | |
| Czechoslovakia | 7 | Česke Budějovice |
| | 7 | Karlovy Vary |
| | 1 | Ostrava |
| Greece | 200 | Megara |
| Ireland | | Limerick (980) |
| | | Dublin |
| Italy | 10 | Trieste |
| Portugal | 10 | Coimbra |
| | 1 | Guarda |
| | 1 | Bragança |
| | 1 | Vila Real |
| | 1 | Valença |
| Yugoslavia | 10 | Bor |
| | 10 | Cacak |
| | 1 | Bjelovar |
| Algeria | 600/300 | Alger |
| Egypt | 5 | Assiut |
| Kenya | 100 | Voi |
| Nigeria | 10 | Port Harcourt |
| Zimbabwe | 1 | Mutare |
| Iran | 100 | Kermanshah |
| Saudi Arabia | 20 | Medinah |
| Yemen | 100 | San'a |
| **990 kHz** | | |
| Albania | 8 | Kukes (996) |
| Germany, BRD | 300 | Berlin |
| Spain | 10 | Bilbao |
| United Kingdom | 1 | Exeter |
| | 0.1 | Wolverhampton |
| | 1 | Tywyn |
| | 1 | Aberdeen |
| | 0.1 | Doncaster |
| Yugoslavia | 1 | Foca |
| | 1 | Pozarevac |
| | 1 | Zupanja |
| Angola | 5 | M'Banza |
| Egypt | 1 | Idfu |
| Ethiopia | 1 | Gedja |
| Gabon | 20 | Epila |
| Morocco | 2 | Ceuta |
| Nigeria | 20 | Lagos |
| South Africa | 2 | Pietersburg |
| Iran | 400 | Shiraz |
| **999 kHz** | | |
| Germany, DDR | 20 | Hoyerswerda (BR) |
| | 20 | Schwerin (BR) |
| | 20 | Weimar (BR) |
| Ireland | — | Wexford |
| | — | Tipperary |
| Italy | 20 | Torino |
| | 6 | Rimini |
| | 2 | Capo Vaticano |
| | 0.5 | Sant'Agata |
| Malta | 20 | Delimara |
| Spain | 5 | Vigo |
| United Kingdom | 1 | Southampton |

| Country | kW | Location |
|---|---|---|
| **999 kHz** | | |
| United Kingdom | 0.2 | Nottingham |
| | 0.8 | Prèston |
| USSR | 100 | Kishinev |
| Yugoslavia | 10/5 | Kladovo |
| Angola | 1 | Lobito (1000) |
| Cameroon | 10 | Yaoundé |
| Morocco | 10 | Ad-Dakhla |
| Uganda | 50 | Kabale |
| Zimbabwe | 100 | Gweru |
| Qatar | 50 | Al Khaisah |
| **1008 kHz** | | |
| Greece | 50 | Kerkyra |
| Netherlands | 400 | Flevoland |
| USSR | 50 | Slonim |
| | 50 | Ushachi |
| Yugoslavia | 200 | Aleksinac |
| | 200 | Beograd |
| Angola | 1 | Huambo (1010) |
| Canary Isl | 10 | Las Palmas |
| Egypt | 1 | Beni Suef |
| Mozambique | 50 | Maputo |
| Nigeria | 50 | Kontagora |
| Upper Volta | 50 | B. Dioulasso |
| Iran | 20 | Semnan |
| Yemen | 60 | Taiz |
| **1017 kHz** | | |
| Bulgaria | 30 | Kurdjali |
| Czechoslovakia | 30 | Karlovy Vary |
| | 10 | Hr. Králové |
| | 6 | Bratislava |
| | 7 | Rim Sobota |
| | 2 | Kosice |
| Germany, BRD | 600 | Rheinsender (SWF) |
| Ireland | — | Dublin |
| Italy | 25 | Venezia |
| | 10 | Genova |
| Yugoslavia | 10/1 | Crna Trava |
| | 1 | Cazin |
| Algeria | 2 | Batna |
| Morocco | 1 | Tanger |
| Nigeria | 10 | Yola |
| Iran | 10 | Zahedan |
| Turkey | 1200 | Istanbul |
| Saudi Arabia | 20 | Hail |
| **1026 kHz** | | |
| Austria | 100 | Graz-Dobl |
| | 100 | Linz-Kronstorf |
| | 50 | Dornbirn-Lauterach |
| | 0.05 | 2 lowpowers |
| Ireland | | Tramore |
| | | Galway |
| Spain | 9 | Réus |
| | 3 | Alicante |
| | 3 | Vigo |
| | 2 | Gijon |
| | 2 | Jaen |
| United Kindgom | 1 | St. Helier |
| | 1 | Belfast |
| | 0.5 | Cambridge |
| USSR | 5 | Brest |
| | 5 | Grodno |
| | 5 | Pinsk |
| | 5 | Niandoma |
| | — | Moghilev |
| Yugoslavia | 10 | Kragujevac |
| | 5 | Bar |
| | 1 | Nova Gradiska |
| Algeria | 5 | Hassi Messaoud |
| Canary Islands | 20 | Santa Cruz-Tenerife |
| Kenya | 5 | Malinda |
| Morocco | 1 | Rabat |
| Iran | 100 | Tabriz |
| Israel | 50 | Jerusalem |
| **1035 kHz** | | |
| Ireland | 1 | Dublin |
| Italy | 50 | Milano |
| | 25 | Napoli |
| | 25 | Venezia |
| | 10 | Genova |
| | 6 | Salento |

| Country | kW | Location |
|---|---|---|
| **1035 kHz** | | |
| Italy | 5 | Firenze |
| | 2 | Caltanisetta |
| | 2 | Oristano |
| | 1 | Potenza |
| Portugal | 120 | Lisbon |
| United Kingdom | 1 | Sheffield |
| | 0.5 | Chatham |
| | 0.5 | Ayr |
| | 0.5 | Aberdeen |
| USSR | 500 | Tallinn |
| Yugoslavia | 5 | T. Mitrovica |
| Guinea Bissau | 5 | Bissau (1034) |
| Nigeria | 10 | Ondo |
| Tanzania | 10 | Dar-es-Salaam |
| Venda | 100 | Sibasa |
| Iran | 20 | Yazd |
| Iraq | 1000 | Babylon |
| Oman | 100 | Salalah |
| Turkey | 2 | Hakkari |
| **1044 kHz** | | |
| Germany, DDR | 250 | Dresden (DDR) |
| | 250 | Wachenbrunn (DDR) |
| Greece | 150 | Thessaloniki |
| USSR | 100 | Tbilisi |
| Morocco | 300 | Sebaa-Aioun |
| Cyprus | 1 | Dhekelia |
| **1053 kHz** | | |
| Austria | 0.05 | 1 lowpower |
| Romania | 1000 | Iasi |
| United Kingdom | 150 | Droitwich |
| | 100 | Start Point |
| | 50 | Stagshaw |
| | 20 | Burghead |
| | 10 | Postwick |
| | 2 | Bexhill |
| | 2 | Brighton |
| | 1 | Barnstaple |
| | 1 | Barrow |
| | 1 | Dundee |
| | 1 | Enniskillen |
| | 1 | Folkestone |
| | 1 | Hull |
| | 1 | Londonderry |
| Libya | 50 | Tripoli |
| Morocco | 600 | Tanger |
| Iran | 20 | Khorramabad |
| **1062 kHz** | | |
| Denmark | 250 | Kalundborg |
| Ireland | — | Castleblaney |
| Italy | 25 | Ancona |
| | 25 | Cagliari |
| | 25 | Squinzano |
| | 2 | Catania |
| | 2 | Livorno |
| | 2 | Trento |
| | 2 | Udine |
| | 2 | Verona |
| Portugal | 100 | S.Salvador |
| USSR | 150 | Saransk |
| Yugoslavia | 7 | Zagreb |
| | 10 | Svetozarevo |
| | 1 | Novi Pazar |
| Egypt | 50 | Abu Zaabal |
| Nigeria | — | Onitsha |
| Iran | 20 | Kerman |
| Turkey | 300 | Diyarbakir |
| **1071 kHz** | | |
| Czechoslovakia | 60 | Prague |
| | 50 | Mnichovo Hradiste |
| | 14 | Poprad |
| France | 40 | Lille |
| | 20 | Bastia |
| | 20 | Brest |
| | 20 | Grenoble |
| | 10 | Montpellier |
| | 0.05 | Bayonne |
| United Kingdom | 0.5 | Wallasey |
| USSR | 60 | Riga |
| | 50 | Kuldiga |
| | 50 | Valmiera |

| Country | kW | Location |
|---|---|---|
| **1071 kHz** | | |
| USSR | 25 | Rezekne |
| | 20 | Dnepropetrovsk |
| Yugoslavia | 40 | Čapljina |
| | 25 | Banja Luka |
| Guinea-Bissau | 100 | Bissau |
| Zambia | 100 | Kitwe |
| Syria | 60 | Tartus (v.f.) |
| **1080 kHz** | | |
| Greece | 10 | Orestiada |
| Poland | 1500 | Katowice |
| Spain | 5 | Granada |
| | 5 | Palma de M. |
| | 3 | La Coruña |
| | 2 | Huesca |
| | 2 | Toledo |
| Egypt | 5 | Luxor |
| | 2 | Minya |
| Kenya | 100 | Mombasa |
| Libya | 40 | Ajedabia |
| Morocco | 10/1 | Casablanca |
| Mozambique | 5 | Maputo (1079) |
| Nigeria | 50 | Minna |
| Iran | 600 | Abadan |
| Israel | 5 | Jerusalem |
| **1089 kHz** | | |
| Albania | 150 | Dürres |
| United Kingdom | 150 | Brookmans Park |
| | 150 | Moorside Edge |
| | 50 | Washford |
| | 50 | Westerglen |
| | 10 | Lisnagarvey |
| | 2 | Redmoss |
| | 2 | Redruth |
| | 1 | Fareham |
| | 1 | Tywyn |
| | 1 | Whitehaven |
| USSR | 300 | Krasnodar |
| Yugoslavia | 10 | Subotica |
| Algeria | 5 | Adrar |
| Angola | 10/100 | Luanda (1088) |
| Comoros | 40 | Haboho (1088) |
| Nigeria | 20 | Lagos |
| Cyprus | 10 | Akrotiri |
| Iran | 10 | Mianeh |
| Saudi Arabia | 50 | Qurayyat |
| **1098 kHz** | | |
| Czechoslovakia | 400 | Bratislava |
| Italy | 60 | Bologna |
| USSR | | Unknown Central European USSR |
| Algeria | 5 | Quargla |
| Bophuthatswana | 100 | Ga-Rankuwa |
| Canary Isl | 5 | S. Cruz de Palma |
| Cyprus | 100 | Yeni Iskele |
| Iran | 200 | Zabol |
| Saudi Arabia | 1 | Dammam |
| **1107 kHz** | | |
| Germany, BRD | 100 | München (AFN) |
| | 10 | Berlin (AFN) |
| | 10 | Grafenwöhr (AFN) |
| | 10 | Kaiserslautern (AFN) |
| | 10 | Nürnberg (AFN) |
| Spain | 20 | Barcelona |
| | 20 | Madrid |
| | 10 | Málaga |
| | 5 | Cáceres |
| | 5 | Vigo |
| | 5 | Santander |
| | 5 | Murcia |
| | 2 | Socuéllamos |
| | 2 | Palencia |
| | 2 | Ponferrada |
| | 2 | Teruel |
| United Kingom | 2 | Inverness |
| | 1 | Wallasey |
| | 0.5 | Northampton |
| USSR | 150 | Kaunas |
| | — | 4 unknown sts Lith. |
| | 100 | Arkhangelsk |
| | 35 | Nalchik |

| Country | kW | Location |
|---|---|---|
| **1107 kHz** | | |
| Yugoslavia | 150 | Novi Sad |
| Cameroon | 10 | Douala (1106) |
| Egypt | 600 | Batra |
| Malawi | 1 | Nkhota Kota |
| Nigeria | 10 | Kaduna |
| | 10 | Mahabad |
| Iran | 10 | Mahabad |
| UAE | 10 | Dubai |
| **1116 kHz** | | |
| Hungary | 12 | Miskolc |
| | 2 | Mosonmagyaróvár |
| Ireland | 0.6 | Dublin |
| Italy | 150 | Bari |
| | 60 | Bologna |
| | 25 | Pisa |
| | 12.5 | Palermo |
| | 6 | Trieste |
| | 2 | Aosta |
| Netherlands | 0.05 | Bloemendaal |
| United Kingdom | 1 | Derby |
| | 0.5 | St Peter Port |
| USSR | 50 | Moscow |
| | 30 | Kaliningrad |
| | 30 | Sochi |
| Angola | 10 | Menongue |
| | 10 | Sumbe |
| Burundi | 100 | Gitega |
| Morocco | 15 | Ouarzazate |
| | 1 | Tanger |
| South Africa | 2 | Pietersburg |
| Iran | 125 | Bandar Lengeh |
| Iraq | 300 | Rutba |
| **1125 kHz** | | |
| Belgium | 20 | La Louvière |
| Bulgaria | 500 | Stara Zagora |
| Ireland | 0.5 | Dundalk |
| | — | Dublin (1127) |
| Spain | 2 | Réus |
| USSR | 150 | Leningrad |
| Yugoslavia | 300 | Tovarnik |
| Libya | 500 | El Beida (1124) |
| Madagascar | 0.25 | Nosy-Be |
| Niger | 20/1 | Niamey |
| Zambia | 10 | Solwezi |
| Iran | 10 | Ahwaz |
| **1131 kHz** | | |
| Ireland | — | Cork |
| **1134 kHz** | | |
| Ireland | 0.2 | Dublin |
| | 0.15 | Mayo |
| Spain | 10 | Valencia |
| | 10 | Zaragoza |
| | 10 | Bilbáo |
| | 2 | Burgos |
| | 2 | Pamplona |
| | 2 | Salamanca |
| | 2 | Ciudad Real |
| | 2 | Jaén |
| | 2 | Badajoz |
| | 2 | El Ferrol |
| | 2 | Cáceres |
| | 2 | Orense |
| | 2 | Ciudadela |
| | 2 | Murcia |
| | 2 | Almería |
| | 2 | Figueras |
| | 2 | Avilés |
| | 2 | Lorca |
| | 2 | Astorga |
| USSR | | Unknown, No. E. |
| Yugoslavia | 1200 | Biograd |
| | 300 | Tovarnik |
| | 20 | Ucka |
| | 2 | Dubrovnik |
| Nigeria | 10 | Ogoja |
| Iran | 20 | Bojnurd |
| Kuwait | 1500 | Sulaibiyah |
| **1143 kHz** | | |
| Bulgaria | 30 | Varna |
| **1143 kHz** | | |
| Germany, BRD | 10 | Stuttgart |
| | 5 | Bremerhaven |
| | 1 | Heidelberg |
| | 1 | Karlsruhe |
| | 1 | Hof |
| | 1 | Bitburg |
| | 0.25 | Bad Kissingen |
| | 0.25 | Bamberg |
| | 0.25 | Fulda |
| | 0.25 | Giessen |
| | 0.25 | Göppingen |
| | 0.25 | Bad Hersfeld |
| | 0.25 | Schweinfurt |
| | 0.25 | Wertheim |
| | 0.25 | Wildflecken |
| | 0.25 | Würzburg |
| Ireland | — | Portlaoise |
| Italy | 6 | Messina |
| USSR | 100 | Kuybyshev |
| Yugoslavia | 85 | Zagreb |
| | 2 | Pula |
| Algeria | 40 | Les Trembles |
| Egypt | 5 | Sohag |
| Nigeria | 50 | Minna |
| Zambia | 1 | Mbala |
| Iran | 20 | Yasuj |
| Israel | 10 | Jerusalem |
| **1152 kHz** | | |
| Ireland | — | Cork |
| | — | Dublin |
| Romania | 950 | Cluj |
| United Kingdom | 5.5 | London |
| | 1 | Newcastle upon Tyne |
| | 2 | Glasgow |
| | 0.8 | Birmingham |
| | 0.35 | Manchester |
| | 0.5 | Norwich |
| | 0.5 | Plymouth |
| Angola | 5 | Mbango Congo |
| Cameroon | 1 | Bamenda |
| Morocco | 1 | Marrakech |
| Mozambique | 1 | Maputo (1148) |
| Iran | 100 | Tabriz |
| Lebanon | 0.5 | Beirut |
| UAE | 50 | Ras Al Khaima |
| **1161 kHz** | | |
| Bulgaria | 500 | Stara Zagora |
| France | 200 | Strasbourg |
| | 100 | Toulouse |
| France | 10 | Ajaccio |
| Ireland | 0.9 | Dublin |
| United Kingdom | 1 | Bexhill |
| | 0.5 | Dundee |
| | 0.2 | Swindon |
| | 0.5 | Hull |
| | 0.08 | Bedford |
| Yugoslavia | 2 | Zenica |
| Algeria | 5 | In Salah |
| Angola | 7 | Huambo |
| Egypt | 60 | Tanta |
| Mozambique | 5 | Tete (1160) |
| Uganda | 10 | Bugisu |
| Iran | 10 | Abadan (1160) |
| **1170 kHz** | | |
| Albania | 1 | Berati |
| Germany, DDR | 5 | Keula (BR) |
| Portugal | 10 | Vila Real (v.f.) |
| Spain | 5 | Badalona |
| United Kingdom | 0.5 | Stockton on Tees |
| | 0.8 | Swansea |
| | 0.3 | Ipswich |
| | 0.2 | Portsmouth |
| | 0.25 | Stoke-on-Trent |
| USSR | 1000 | Baranovichi |
| | 500 | Krasnodar |
| Yugoslavia | 300/100 | Beli Kriz |
| | 2 | Backa Topola |
| | 2 | Vrnjacka Banja |
| Nigeria | 50 | Abeokuta |
| Swaziland | 50 | Mpangela Ranch |

| Country | kW | Location |
|---|---|---|
| **1170 kHz** | | |
| Iran | 2 | Damghan |
| Israel | 10 | Jerusalem |
| UAE | 10 | Ras Al Khaima (1175) |
| **1179 kHz** | | |
| Greece | 50 | Thessaloniki |
| Romania | 200 | Bacau |
| | 5 | Vascau |
| Spain | 20 | Barcelona |
| | 10 | S. de Compostela |
| | 5 | Murcia |
| Sweden | 600 | Sölvesborg |
| Yugoslavia | 1 | Samobor |
| | 1 | Smed. Palanka |
| Egypt | 1 | Qena |
| Turkey | 2 | Van |
| **1188 kHz** | | |
| Belgium | 5 | Kuurne |
| Hungary | 135 | Szolnok |
| | 25 | Szombathely |
| Ireland | — | Dublin |
| Italy | 6 | San Remo |
| Angola | 10 | Malange |
| Egypt | 10 | Ras Ghareb |
| Morocco | 1 | Casablanca |
| Iran | 100 | Tehran |
| Yemen, PDR | 200 | Al-Hiswah |
| **1197 kHz** | | |
| Germany, BRD | 300 | München |
| Ireland | — | Blackrock |
| | — | Waterford |
| Portugal | 1 | Portalegre |
| Romania | 15 | Covasna |
| United Kingdom | 1 | Enniskillen |
| | 0.5 | Bournemouth |
| | 0.5 | Torquay |
| | 0.2 | Cambridge |
| USSR | 50 | Minsk |
| Yugoslavia | 2 | Bjeljina |
| | 1 | Bos. Novi |
| | 1 | Kriva Palanka |
| Egypt | 10 | Alexandria |
| Morocco | 20 | Agadir |
| Iran | 20 | Moghan |
| Iraq | 300 | Nineva |
| | 50 | Arbil |
| **1200 kHz** | | |
| Angola | 1 | Benguela |
| **1206 kHz** | | |
| Albania | 10 | Korce |
| France | 100 | Bordeaux |
| Poland | 200 | Wroclaw |
| | 60 | Lublin |
| | 10 | Koszalin |
| | 2 | Olszytn |
| Yugoslavia | 2 | Subotica |
| | 1 | Bos. Brod. |
| | 1 | Majdanpek |
| Gabon | 1 | Oyem |
| Kenya | 20 | Nakuru |
| Nigeria | 10 | Hong |
| Sierra Leone | 2x50 | Goderich |
| Rodrigues Isl. | 10/2 | Rodrigues |
| Israel | 50 | Haifa |
| Yemen | 60 | San'a |
| **1208 kHz** | | |
| Italy | 0.1 | Milano |
| **1215 kHz** | | |
| Albania | 500 | Lushnje |
| United Kindgom | 60 | Washford |
| | 50 | Brookmans Park |
| | 100 | Moorside Edge |
| | 50 | Westerglen |
| | 30 | Droitwich |
| | 20 | Burghead |
| | 10 | Lisnagarvey |
| | 2 | Newcastle |
| | 2 | Redmoss |
| | 2 | Redruth |
| | 1 | Brighton |

| Country | kW | Location |
|---|---|---|
| **1215 kHz** | | |
| United Kingdom | 1 | Fareham |
| | 1 | Plymouth |
| | 1 | Postwick |
| | 1 | Tywyn |
| | 0.25 | Londonderry |
| | 0.3 | Hull |
| USSR | 50 | Tartu |
| | 30 | Orissaare |
| Yugoslavia | 1 | Djurdjevac |
| | 1 | Mladenovac |
| Angola | 1 | Luena |
| Canary Isl | 20 | Las Palmas |
| Niger | 0.1 | Tahoua |
| Tanzania | 50 | Arusha |
| Bahrain | 0.1 | Awali |
| Iran | 20 | Chalus |
| **1224 kHz** | | |
| Bulgaria | 500 | Vidin |
| Netherlands | 10 | Hengelo |
| Spain | 5 | Málaga |
| | 5 | Granada |
| | 2 | Huelva |
| | 2 | Lérida |
| | 2 | Jerez de la Frontera |
| | 2 | Palma de Mallorca |
| | 2 | Córdoba |
| | 2 | Badajoz |
| | 2 | Cáceres |
| | 2 | León |
| | 2 | Zamora |
| | 2 | Granada |
| | 2 | San Sebastián |
| | 2 | Albacete |
| | 2 | Lugo |
| | 2 | Santander |
| | 2 | Castellón |
| | 2 | Puertollano |
| Yugoslavia | 1 | Krapina |
| Kenya | 10 | Garissa |
| Nigeria | 50 | Jos |
| Mozambique | 5 | Nampula (1223) |
| Senegal | 20 | Ziguinchor |
| Iran | ? | Abadan |
| Iraq | 50 | Misan (?) |
| Israel | 20 | Beer-Sheva |
| Saudi Arabia | 1 | Diriyah |
| **1233 kHz** | | |
| Belgium | 5 | Liège |
| Czechoslovakia | 400 | Praha |
| | 60 | Ceske Budejovice |
| | 60 | Ostrava |
| | 60 | Karlovy Vary |
| | 30 | Kosice |
| | 50 | Nitra |
| | 30 | Plzen |
| | 14 | Banska Bystrica |
| | 7 | Strakonice |
| | 6 | Bratislava |
| | 6 | Hradec Kralove |
| Ireland | — | Carrickarnon |
| Yugoslavia | 1 | Ilijaš |
| Angola | 10 | Lubango (1228) |
| Gabon | 5 | Pt Gentil |
| Madagascar | 0.25 | Maintirano |
| Morocco | 200 | Tanger |
| Venda | 100 | Sibasa |
| Cyprus | 600 | Cape Greco |
| Qatar | 100 | Al Khaisah |
| **1242 kHz** | | |
| Finland | 25 | Vaasa |
| France | 150 | Marseille |
| United Kingdom | — | Maidstone |
| USSR | 150 | Kiev |
| | 50 | Simferopol |
| | 50 | Volochisk |
| | 30 | Donetsk |
| | 30 | Odessa |
| Yugoslavia | 5 | Ohrid |
| | 2 | Trebinje |
| | 0.05 | Ljubljana-Student |

| Country | kW | Location |
|---|---|---|
| **1242 kHz** | | |
| Angola | 5 | Saurimo |
| Ethiopia | 25 | Harar (Taque) |
| Ivory Coast | 1 | Bondoukou |
| Madagascar | 1 | Tuléar |
| Zimbabwe | 1 | Bulawayo (1241) |
| Iran | 10 | Kerman |
| Oman | 100 | Muscat |
| **1250 kHz** | | |
| Ireland | 0.04 | Dublin |
| **1251 kHz** | | |
| Hungary | 135 | Siofok |
| | 25 | Nyiregyhaza |
| Ireland | — | Cavan/Dublin |
| Portugal | 10 | Porto |
| | 10 | Viseu |
| | 1 | C. Branco |
| | 1 | Chaves |
| United Kingdom | 0.5 | Bury St. Edmunds |
| USSR | 5 | Cherkessk |
| Yugoslavia | 1 | Gorazde |
| Libya | 500 | Tripoli |
| United Arab Emirates | 600 | Dubai |
| Iran | 20 | Sari |
| **1260 kHz** | | |
| Albania | 1 | Fier |
| Azores | 1 | Horta |
| Greece | 500 | Rhodos |
| Ireland | 0.1 | Sligo |
| Poland | 160 | Szczecin |
| Spain | 10 | Valencia |
| | 10 | San Sebastián |
| | 5 | Badajoz |
| | 5 | Algeciras |
| United Kingdom | 0.8 | Bristol |
| | 0.2 | Leicester |
| | 0.64 | Wrexham |
| | 0.5 | Guildford |
| | 0.5 | Scarborough |
| Vatican | 5 | Citta Del Vaticano |
| Angola | 10 | N'Dalatando |
| Cameroon | 20 | Ngaoundere |
| **1269 kHz** | | |
| Germany, BRD | 600 | Neumünster (DLF) |
| Yugoslavia | 600 | Novi Sad |
| Canary Isl | 20 | La Orotava |
| Kenya | 20 | Nieri |
| Mali | 4 | Mopti |
| Madagascar | 0.25 | Antsirabe (1263) |
| Nigeria | 10 | Jalingo |
| Zambia | 1 | Manza |
| Lebanon | 10 | Beirut |
| **1278 kHz** | | |
| Finland | 4 | Turku |
| France | 300 | Strasbourg |
| Greece | 10 | Florina |
| Ireland | 10 | Dublin |
| | 5 | Cork |
| Italy | 0.1 | Milano (1274) |
| United Kingdom | 0.3 | Bradford |
| USSR | 150 | Odessa |
| | 100 | Gorkiy |
| | 75 | Baranovichi |
| | 50 | Rostov-na-Donu |
| | — | Saratov |
| | — | Volgograd |
| Comoros | 10 | Moheli |
| Egypt | 10 | Asswan |
| Malawi | 1 | Bangula |
| | 1 | Kasungo |
| Afghanistan | 100 | Pol-e-Charki |
| Iran | 200 | Kermanshah |
| **1286 kHz** | | |
| Ireland | 0.35 | Cork |
| **1287 kHz** | | |
| Bulgaria | 2 | Smolyan |
| Czechoslovakia | 300 | Litomysl |
| | 200 | Liblice |
| | 30 | Piestany |
| | 30 | Kosice |

| Country | kW | Location |
|---|---|---|
| **1287 kHz** | | |
| Portugal | 2.5 | Lisboa |
| USSR | — | Unknown, Caucasus |
| Yugoslavia | 1 | Kocani |
| | 1 | Petrinja |
| Algeria | 5 | El Golea |
| Cameroon | 1 | Yaoundé |
| Madagascar | 1 | Diego Suarez |
| Niger | 1 | Zinder |
| Senegal | 5 | Kaolack |
| South Africa | 2 | Maraisburg |
| Israel | 100 | Tel Aviv |
| Saudi Arabia | 20 | Mecca |
| **1295 kHz** | | |
| Angola | 5 | Menongue |
| | 1 | Uíge |
| **1296 kHz** | | |
| Bulgaria | 150 | Kârdžali |
| United Kindgom | 500 | Orfordness |
| | 0.05 | BBC Local R. (mobile) |
| USSR | 150 | Baku + 1 st (sync) |
| Yugoslavia | 10 | Loznica |
| | 10 | Vranje |
| Angola | 10 | Uige |
| Guinea | 1 | Conakry (1295) |
| Morocco | 1 | Rabat |
| Mozambique | 10 | Quelimane (1295) |
| Nigeria | — | Unknown |
| Sudan | 1500 | Sennar (1295) |
| **1300 kHz** | | |
| Iran | 20 | Bushehr |
| **1301 kHz** | | |
| Italy | 10 | Milano |
| **1305 kHz** | | |
| Albania | 15 | Gjirokaster (v.f.) |
| Belgium | 10/5 | Marche |
| Ireland | — | Drogheda |
| | | Cork |
| Poland | 100 | Rzeszów |
| | 60 | Bialystok |
| | 60 | Gdánsk |
| | 60 | Lódz |
| United Kingdom | 0.25 | Newport |
| | — | Barnsley |
| Yugoslavia | 1 | Cakovec |
| | 1 | Vinkovci |
| | 1 | Hercegovni |
| Algeria | 20 | Constantine |
| Egypt | 10 | Assiut |
| Senegal | 20 | Dakar |
| Israel | 20 | Haifa |
| | 5 | Eilat |
| Saudi Arabia | 20/5 | Taif |
| **1314 kHz** | | |
| Greece | 10 | Tripolis |
| Ireland | 0.6 | Omeath |
| | — | Cork |
| | — | Dun Laoire |
| Italy | 6 | Ancona |
| | 1 | Campobasso |
| | 1 | Cantanzaro |
| | 1 | Matera |
| Norway | 1200 | Kvitsøy |
| Romania | 30 | Timisoaro |
| | 14 | Constantza |
| | 7 | Craiova |
| Spain | 20 | Valencia |
| | 5 | San Sebastián |
| | 2 | Tárrega |
| | 2 | Córdoba |
| | 2 | Lugo |
| | 2 | Valladolid |
| | 2 | Soria |
| | 2 | Cádiz |
| | 2 | Sama de Langreo |
| USSR | 250 | Yerevan |
| Yugoslavia | 100 | Skopje |
| | 10 | Ohrid |
| Angola | 1 | Lubango (1313) |
| Egypt | 10 | Hurghada |

| Country | kW | Location |
|---|---|---|
| **1314 kHz** | | |
| Kenya | 20 | Garissa |
| Nigeria | 10 | Jos (1313) |
| South Africa | 5 | Port Elizabeth |
| Iran | 20 | Ardabil |
| Syria | 10 | Aleppo |
| **1319 kHz** | | |
| Afghanistan | — | Kabul (?) |
| **1323 kHz** | | |
| Albania | 15 | Shkoder (v.f.) |
| Germany, DDR | 150 | Leipzig (RMR) |
| Ireland | 1.2 | Dublin |
| Romania | 7 | Tirgu Mures |
| | 2 | Sulina |
| United Kingdom | 1 | Taunton |
| | 0.3 | Brighton |
| USSR | 30 | Tskhinvali |
| Yugoslavia | 10 | Bitola |
| | 2 | Gostivar |
| | 10 | Šid |
| | 10 | Delcevo |
| Madagascar | 1 | Tuléar (1322) |
| Morocco | 5 | Safi C |
| Senegal | 1 | Linguère |
| Cyprus | 200 | Zyyi |
| Iran | 20 | Jolfa |
| **1332 kHz** | | |
| Czechoslovakia | 30 | Mor. Budějovice |
| | 14 | Jihlava |
| Ireland | — | Waterford |
| Italy | 300 | Rome |
| | 125 | Palermo |
| | 50 | Bari |
| | 25 | Pescar |
| Portugal | 1 | Elvas |
| Romania | 15 | Galatzi |
| United Kingdom | 0.5 | Peterborough |
| USSR | 30 | Pärnu |
| | 30 | Voru |
| | 15 | Kohtla-Järve |
| Yugoslavia | 0.5 | 2 LP sts |
| Angola | 1 | Namibe (1331) |
| Ivory Coast | 0.1 | Maine |
| | 0.1 | Soroa |
| Madeira | 1 | Funchal |
| Iran | 100 | Tehran |
| **1341 kHz** | | |
| Germany, DDR | 5 | Beeskow (BR) |
| | 5 | Karl-Marx-Stadt (BR) |
| Hungary | 150 | Lakihegy |
| Spain | 2 | Tarrasa |
| | 2 | Almería |
| United Kingdom | 100 | Lisnagarvey |
| Yugoslavia | 10 | Zaječar |
| Canary Isl | 20 | Santa Cruz |
| Egypt | 100 | Abu Zaabal |
| Somalia | — | Hargesia |
| Upper Volta | 1 | Ouagadougou |
| Zimbabwe | 1 | Bulawayo |
| Iran | 1 | Bam |
| Kuwait | 200 | Magwa |
| **1350 kHz** | | |
| France | 300 | Nice |
| | 100 | Nancy |
| Greece | 5 | Larissa |
| | 4 | Pyrgos |
| Hungary | 5 | Szolnok |
| | 5 | Györ |
| Ireland | — | Swords |
| USSR | 150 | Yerevan |
| | 50 | Cesvaine |
| | 50 | Sukhumi |
| | 20 | Kuldiga |
| Yugoslavia | 10 | Beograd |
| | 1 | Zabok |
| Cameroon | 1 | Abong-Mbang |
| Egypt | 10 | Queseir |
| Madagascar | 0.1 | Fianarantsoa |
| Mauritania | 20 | Nouakchott |
| Iran | 10 | Bandar-Addas |
| **1353 kHz** | | |
| Cyprus | 7.5 | Famagusta |

| Country | kW | Location |
|---|---|---|
| **1359 kHz** | | |
| Albania | 50 | Tirana |
| Germany, DDR | 250/100 | Berlin (SDDR/RBI) |
| Ireland | 0.45 | Castleblaney |
| Spain | 5 | Barcelona |
| | 5 | Gijón |
| United Kingdom | 0.25 | Bournemouth |
| | 0.25 | Cardiff |
| | 0.35 | Chelmsford |
| | 0.1 | Coventry |
| USSR | 150 | Moscow |
| Yugoslavia | 2 | Titov-Vurbas-Kula |
| Kenya | 5 | Maralal |
| Iraq | 120 | Kirkuk (1360) |
| **1368 kHz** | | |
| Ireland | — | Limerick |
| Italy | 25 | Venezia |
| | 12.5 | Milano |
| | 12.5 | Napoli |
| | 10 | Genova |
| | 6 | Torino |
| | 5 | Messina |
| | 2 | Catania |
| | 2 | Firenze |
| | 2 | Palermo |
| | 2 | Pisa |
| | 2 | Sassari |
| | 1 | Bari |
| | 0.1 | Trento |
| Poland | 60 | Karków |
| | 30 | Zielena Gora |
| United Kingdom | 20 | Foxdale |
| | 2 | Lincoln |
| | 1 | Crawley |
| Yugoslavia | 10 | Valjevo |
| | 1 | Sanski Most |
| Angola | 100 | Luanda (1367) |
| Egypt | 10 | El Kharga |
| Kenya | 20 | Nyeri |
| Nigeria | 10 | Calabar |
| Senegal | 20 | St Louis |
| Seychelles | 10 | Victoria |
| Zimbabwe | 1 | Kwekwe |
| Israel | 1 | Tiberia |
| | 1 | Uvda |
| **1377 kHz** | | |
| Bulgaria | 30 | Shumen |
| France | 300 | Lille |
| Portugal | 10 | Canidelo |
| USSR | 50 | Chernovtsky |
| | 50 | Lutsk |
| | 30 | Vinnitsa |
| | 25 | Skalat |
| | 25 | Sisian |
| | 25 | Tokmak |
| Yugoslavia | 10 | Zadar |
| | 2 | Prizren |
| Madagascar | 0.25 | Ambatondrazaka |
| Swaziland | 50 | Sandlane |
| Saudi Arabia | 0.25 | Dhahran (v.f. 1380) |
| **1386 kHz** | | |
| Greece | 50 | Athens |
| Iceland | 0.002 | Hellissandur |
| Ireland | — | Navan |
| | — | Kilkenny |
| USSR | 1000 | Kaliningrad |
| Yugoslavia | 1 | Velica Gorica |
| | 1 | Kratovi |
| Guinea | 100 | Labe |
| Iran | 400 | Ahwaz |
| **1390 kHz** | | |
| Angola | 1 | Bié |
| Iraq | — | ? (1389) |
| **1395 kHz** | | |
| Albania | 1000 | Lushnje |
| Azores | 1 | Angra do Heroismo |
| Netherlands | 10 | Hoogezand |
| Poland | 1 | Slupsk |
| Spain | 5 | Granada |
| | 5 | La Coruña |
| | 3 | Cartagena |

| Country | kW | Location |
|---|---|---|
| **1395 kHz** | | |
| Spain | 2 | Tortosa |
| | 2 | Ciudad Real |
| | 2 | León |
| | 2 | Alicante |
| | 2 | Huelva |
| | 2 | Gerona (1385) |
| USSR | — | Unknown, Ea. E. |
| | — | Simferopol |
| Yugoslavia | 1 | Bugojno |
| Madagascar | 1 | Antananarivo |
| Nigeria | 50 | Uyo |
| | 10 | Abak |
| Togo | 10 | Togblekope |
| **1400 kHz** | | |
| Iceland | 0.01 | Höfn (AFRTS) |
| Italy | 0.5 | Campogalliano |
| **1404 kHz** | | |
| Finland | 2 | Espoo |
| France | 20 | Ajaccio |
| | 20 | Brest |
| | 20 | Pau |
| | 1 | Dijon |
| | 1 | Grenoble |
| Romania | 15 | Baia Mare |
| USSR | 15 | Dnepropetrovsk |
| | 30 | Lvov |
| | 25 | Izmail |
| Yugoslavia | 10 | Varazdin |
| Angola | 10 | Bié |
| Guinea | 100 | Kipe |
| Libya | 20 | Tripoli (1402) |
| South Africa | 2 | Welgedacht |
| Israel | 10 | Jerusalem |
| **1413 kHz** | | |
| Germany, BRD | 3 | Bad Mergentheim (SDR) |
| | 0.2 | Heidenheim (SDR) |
| Ireland | — | Drogheda |
| | — | Naas |
| | — | Carlow |
| Spain | 20 | Zaragoza |
| | 10 | Sevilla |
| | 5 | Oviedo |
| | 2 | Vitória |
| | 2 | Calahorra |
| USSR | 50 | Volgograd |
| Yugoslavia | 1000 | Priština |
| Egypt | 1 | Queseir |
| Oman | 1500 | Masirah Isl |
| **1422 kHz** | | |
| Germany, BRD | 1200/600 | Heusweiler |
| Romania | 2 | Deva + 6 LP |
| USSR | 50 | Valmiera |
| | 30 | Batumi |
| | 5 | Liepaja |
| | 5 | Rezekne |
| Algeria | 50 | Alger |
| Angola | 5 | Luena |
| Egypt | 10 | Ras Ghareb |
| Iran | 100 | Kermanshah |
| **1431 kHz** | | |
| Germany, DDR | 20 | Bernburg (BR) |
| | 20 | Wachenbrunn (BR) |
| | 20 | Dresden (BR) |
| | 5 | Seelow (BR) |
| | 5 | Weida (BR) |
| Italy | 2 | Foggia |
| | 2 | Pesaro |
| Portugal | 10/5 | Caramulo |
| United Kingdom | 0.45 | Southend-on-Sea |
| | 0.2 | Reading |
| USSR | 500 | Krivoi Rog |
| Yugoslavia | 1 | Krizevci |
| | 1 | Probistip |
| Mali | 30 | Bamako |
| Mozambique | 5 | Beira |
| **1440 kHz** | | |
| Luxembourg | 1200 | Marnach |
| Yugoslavia | 20 | Svetozarevo |
| Egypt | 1 | El Kharga |
| Nigeria | 50 | Yola |

| Country | kW | Location |
|---|---|---|
| **1440 kHz** | | |
| Saudi Arabia | 1600 | Ras-as-Zawr |
| **1449 kHz** | | |
| Germany, BRD | 5 | Berlin |
| Italy | 50 | Squinzano |
| | 6 | Catania |
| | 5 | Sassari |
| | 2/0.5 | 21 lowpowers |
| United Kingdom | 2 | Redmoss |
| | 0.1 | Peterborough |
| USSR | 30 | Kalinin |
| | 5 | Unecha |
| Yugoslavia | 2 | Karlovac |
| Cameroon | 20 | Bafoussam (1448) |
| Libya | 20 | Misurata (1448) |
| Zaire | 2 | Kinshasa (1448) |
| Iran | 800 | Bandar Turkamen |
| **1458 kHz** | | |
| Albania | 500 | Lushnje |
| Gibraltar | 2/0.5 | Wellington Front |
| Romania | 50 | Constantza |
| United Kingdom | 50 | London |
| | 7 | Birmingham |
| | 2 | Newcastle Upon Tyne |
| | 5 | Manchester |
| | 1 | Torbay |
| | 0.5 | Whitehaven |
| USSR | 30 | Kudymkar |
| | — | Unknown, SE. E. |
| Yugoslavia | 10 | Kraljevo |
| | 1 | Valpovo |
| Mayotte | 4 | Pamanzi |
| Nigeria | 5 | Lagos |
| Zambia | 1 | Kabwe |
| Israel | 1 | Eilat |
| **1467 kHz** | | |
| Monaco | 1000/400 | Monte-Carlo (1466 daytime) |
| USSR | — | Unknown, Mol. |
| Yugoslavia | 2 | Zrenjanon |
| | 2 | Zvornik |
| Madagascar | 0.25 | Ft. Dauphin |
| Iran | 200 | Isfahan |
| Turkey | 10 | Dededoruk |
| **1476 kHz** | | |
| Austria | 600 | Wien-Bisamberg |
| Spain | 10 | Bilbáo |
| | 5 | Córdoba |
| | 2 | Orense |
| | 2 | Palma de Mallorca |
| | 2 | Almería |
| | 2 | Albacete |
| United Kingdom | 0.5 | Guildford |
| USSR | 120 | Lvov |
| Benin | 50 | Cotonou |
| Congo | 20 | Brazzaville (1475) |
| Egypt | 5 | El Minya |
| Ethiopia | 1 | Asmara |
| Iran | 20 | Sanandaj |
| Lebanon | 1 | Jounieh |
| **1481 kHz** | | |
| U.A.E. | 1500 | Dubai |
| **1485 kHz** | | |
| Czechoslovakia | 1 | Plzen |
| France | 1 | Corte |
| | 0.05 | Tours |
| Germany, BRD | 0.2 | Buchen-Walldürn (SDR) |
| | 1 | Baden-Baden (SWF) |
| | 1/0.25 | 7 LP sts (AFN) |
| Germany, DDR | 1 | Anklam + 9 lowpowers |
| Greece | 1 | Volos |
| | 1 | Orestiada |
| | 1 | Patras |
| | 0.25 | Kato Souli (AFRS) |
| Ireland | 1 | Mobil Community Station |
| Iceland | 0.25 | Keflavik (AFRS) |
| | 0.002 | 2 lowpowers |
| Norway | 1 | Longyearbyen (NRK) |
| Poland | 1 | Gizycko + 5 lowpowers |
| Spain | 2 | Alcoy |
| | 2 | Castellón |
| | 2 | Logroño |

| Country | kW | Location |
|---|---|---|
| **1485 kHz** | | |
| Spain | 2 | Antequera |
| | 2 | Cadiz |
| | 2 | Santander |
| | 2 | Gerona |
| | 2 | Ciudad Real |
| | 2 | Salamanca |
| | 2 | León |
| | 2.5 | Melilla |
| Switzerland | 1 | Savièse |
| United Kingdom | 2 | Liverpool |
| | 1.5 | Hull |
| | 1 | Brighton |
| | 0.5 | Oxford |
| | 1 | Bournemouth |
| | 1 | Carlisle |
| USSR | 2 | Kiev |
| | 2 | Vilnius |
| | 1 | Kharkov |
| Yugoslavia | 1 | Sarajevo (202) |
| | 1/0.05 | 45 LP sts |
| Angola | 1 | Dundo (1484) |
| Ascension Island | 0,5 | English Bay |
| Azores | 1 | S. Cruz |
| Egypt | 1 | Mut |
| Ivory Coast | 0.1 | Gaya |
| Libya | 1 | Brak (v.f.) |
| Madeira | 1 | Funchal |
| Madagascar | 0.25 | Antalaha |
| Malta | 1 | Bugibba (1480) |
| Morocco | 1 | Casablanca |
| Niger | 0.1 | Gaya |
| Uganda | 1 | Arua |
| Bahrain | 0.25 | Manama |
| Iran | 2 | Shahr-e-kord |
| Israel | 5 | N. Gallilee |
| Jordan | 1 | Aqaba |
| Qatar | 1 | Al-Khaisah |
| Saudi Arabia | 1 | Jeddah |
| Syria | 7.5 | Homs |
| Turkey | 1 | Cesme/Hakkari |
| | 1 | Kas/Ordu/Rize |
| **1494 kHz** | | |
| Albania | 1 | Prenjas |
| France | 20 | Clermont-Ferrand |
| | 4 | Bayonne |
| | 1 | Besançon |
| Greece | 5 | Rhodos |
| Italy | 0.1 | Modena |
| Netherlands | 5 | Hulsberg |
| Portugal | 1 | Guarda |
| USSR | 1000 | Leningrad |
| | 30 | Beltsy |
| | 30 | Komrat |
| Ivory Coast | 20 | Abidjan (1493) |
| Kenya | 5 | Kitale |
| Morocco | 20 | Agadir |
| Mozambique | 5 | Pemba (1493) |
| Cyprus | 10 | Yeni Iskele |
| **1500 kHz** | | |
| Azores | 0.1 | Lajes |
| **1502 kHz** | | |
| Cape Verde | 5(?) | Praia |
| **1503 kHz** | | |
| Italy | 1 | Roma |
| Poland | 300 | Stargard Szczecinski |
| Spain | 5 | Avila |
| | 5 | Badajoz |
| | 5 | Tarragona |
| | 2 | Jaén |
| | 2 | Marbella |
| | 2 | Zamora |
| | 2 | Pamplona |
| | 2 | Burgos |
| United Kingdom | 1 | Stoke on Trent |
| USSR | 15 | Belgorod |
| Yugoslavia | 10 | Beograd "202" |
| | 10 | Ulcinj |
| | 1 | Kutina |
| | 1 | Zavidovići |

| Country | kW | Location |
|---|---|---|
| **1503 kHz** | | |
| Angola | 1 | Benguela (1502) |
| Egypt | 1 | El Arish |
| Madagascar | 4 | Antananarivo |
| Senegal | 20 | Tambacounda |
| Togo | 10 | Kara (1502) |
| Cyprus | 1 | Nicosia |
| Iran | 100 | Bushehr |
| **1508 kHz** | | |
| Italy | 1 | Brescia |
| **1512 kHz** | | |
| Belgium | 600 | Wolvertem |
| Greece | 5 | Chania |
| Iceland | 0.002 | 3 LP sts |
| Ireland | — | Youghal |
| | — | Wicklow |
| | — | Carrick/Suir |
| Spain | — | Benavente |
| USSR | 30 | Sochi |
| | 30 | Tallinn |
| | — | Unknown, No.E. |
| Yugoslavia | 100/20 | Priština |
| Saudi Arabia | 1200 | Jeddah |
| **1521 kHz** | | |
| Czechoslovakia | 600 | Kosice |
| Spain | 5 | Oviedo |
| | 3 | Pontevedra |
| | 2 | Manresa |
| United Kingdom | 0.25 | Nottingham |
| | 0.1 | Crawley |
| USSR | 5 | Kalevala |
| | 1 | Moscow |
| | 1 | Yerevan |
| Yugoslavia | 1 | Derventa |
| | 1 | Mak. Brod |
| Congo | 0.25 | Pointe Noire |
| Egypt | 10 | Queseir |
| Gabon | 1 | Port Gentil (1520) |
| Tunisia | 10 | Monastir |
| Saudi Arabia | 2000 | Duba |
| **1523 kHz** | | |
| Italy | 0.1 | Pontedera |
| **1530 kHz** | | |
| Romania | 15 | Mahmudia |
| | 15 | Mihaileni |
| United Kingdom | 0.5 | Worcester |
| | 0.05 | Huddersfield |
| USSR | 5 | Jitomar |
| Vatican | 150/450 | Citta del Vaticano |
| Yugoslavia | 1 | Orahovica |
| Madeira | 1 | Funchal |
| Iran | 20 | Yazd |
| **1539 kHz** | | |
| Germany, BRD | 700 | Mainflingen (DLF) |
| Spain | 5 | Valladolid |
| | 2 | Castellón |
| USSR | 25 | Yalta |
| | 5 | 3 Latvian St's |
| Yugoslavia | 2 | Pec |
| | 1 | Sisak |
| Egypt | 1 | Mut |
| Djibouti | 4 | Djibouti |
| Madagascar | 1 | Majuuga |
| Morocco | 2.5 | Melilla |
| Senegal | 10 | Dakar |
| Iran | 2 | Khash |
| Int. Waters | 50 | Voice of Peace |
| UAE | 2×50 | Sadiyat |
| **1548 kHz** | | |
| United Kingdom | 27.5 | London |
| | 2,0 | Edinburgh |
| | 1.2 | Liverpool |
| | 0.3 | Sheffield |
| | 5 | Bristol |
| | 1 | Middlesbrough |
| USSR | 1000 | Unknown, Ukr or Mol |
| Yugoslavia | 1 | Negotino |
| St Helena | 0.45 | Jamestown |
| Iran | 20 | Marivan |

| Country | kW | Location |
|---|---|---|
| **1552 kHz** | | |
| Iraq | — | ? |
| **1554 kHz** | | |
| Gabon | 20 | Melene |
| **1555 kHz** | | |
| Iran | 10 | Ardabil |
| **1557 kHz** | | |
| France | 300 | Nice |
| Ireland | — | Cork |
| Malta | 600 | Cyclops |
| United Kingdom | 0.25 | Lancaster |
| | 0.10 | Oxcliffe |
| USSR | 75 | Kaunas |
| | 50 | Veshintos |
| | 5 | Klaipeda |
| Yugoslavia | 20 | Osijek |
| Madagascar | 1 | Diego-Suarez |
| **1566 kHz** | | |
| Azores | 10 | Vila de Porto |
| Ireland | — | Limerick |
| Portugal | 1 | Covilhã |
| Switzerland | 300 | Sarnen |
| USSR | 60 | Leningrad |
| | 5 | Minsk |
| | 5 | Odessa |
| | 5 | Yerevan |
| Yugoslavia | 1 | Vrgin Most |
| | 2 | Smarje |
| Madagascar | 1 | Tamatave |
| Tunisia | 1200 | Sfax |
| Iran | 100 | Bandar Abbas |
| **1570 kHz** | | |
| Angola | 10 | Cabinda |
| Central African Rep. | 1 | Bangui |
| Turkey | 0.01 | Diyarbakir |
| **1575 kHz** | | |
| Germany, DDR | 250 | Burg (BR) |
| Ireland | — | Swords |
| Italy | 50 | Genova |
| | 2/1 | 17 LP sts |
| Portugal | 10 | Porto-Canidelo |
| Spain | 5 | Córdoba |
| | 2 | Barcelona |
| Gabon | 15 | Tochibanga |
| Ivory Coast | 5 | Bouaké (1578) |
| Mauritius | 1 | Forest Side |
| Niger | 1 | Niamey |
| U.A.E. | 50 | Sharjah |
| **1580 kHz** | | |
| Turkey | 0.01 | Adana |
| **1584 kHz** | | |
| Azores | 0.3 | Lajes Field |
| France | 1 | Toulon |
| Germany, DDR | 1 | Cottbus + 9 LP's (DDR) |
| Greece | 1 | Athens |
| | 1 | Serres |
| | 1 | Amaliada |
| | 0.25 | Heraklion |
| Ireland | — | Skerries (1575) |
| Poland | 1 | Ostróda |
| Spain | 3 | Pamplona |
| | 2 | Gandía |
| | 2 | Castilla |
| | 2 | Albacete |
| | 2 | Elche |
| | 2 | Orense |
| | 2 | Jerez de la Frontera |
| | 2 | Zamora |
| Yugoslavia | 1 | 13 LP sts |
| | 1 | Clipstone |
| United Kingdom | 0.4 | Perth |

| Country | kW | Location |
|---|---|---|
| **1584 kHz** | | |
| Angola | 5 | Cabinda (1586) |
| Canary Isl | 1 | Las Palmas |
| Egypt | 5 | Luxor |
| Madagascar | 0.25 | Morondava (1586) |
| Niger | 0.1 | 2 LP sts |
| Nigeria | 1 | Katsina |
| Bahrain | 1 | Manama |
| Cyprus | 1 | Limassol |
| Iran | 1 | Hamadan |
| | 1 | Sirjam |
| **1590 kHz** | | |
| Libya | 20 | Tripoli |
| **1593 kHz** | | |
| Czechoslovakia | 30 | Olomouc |
| | 6 | Liberec |
| Germany, BRD | 400/600 | Langenberg (WDR) |
| Portugal | 100 | Lisboa |
| Roumania | 14 | M. Ciuc |
| | 7 | Oradea |
| | 7 | Sibiu |
| USSR | 5 | Baku |
| | 5 | Dnepropetrovsk |
| | 5 | Kishinev |
| Yugoslavia | 2 | Livno |
| Egypt | 10 | Matruh |
| Libya | 20 | Tripoli (1590) |
| Morocco | 1 | Marrakech |
| Niger | 0.1 | Téra |
| Iran | 100 | Isfahan |
| Yemen | 1 | Beihan |
| **1595 kHz** | | |
| Italy | 0.5 | Roma |
| **1600 kHz** | | |
| Italy | 0.5 | Battipaglia |
| **1602 kHz** | | |
| Austria | 0.05 | 3 lowpowers |
| Germany, DDR | 1 | Bautzen + 12 lowpowers |
| Greece | 1 | Kavala |
| | 1 | Kozani |
| | 1 | Mesolongiou |
| Italy | 0.1 | Milano |
| Poland | 1 | Gorzow Wielk. + 3 LP's |
| Spain | 2 | Onteniente |
| | 2 | Linares |
| | 2 | Vitória |
| | 2 | Segovia |
| | 2 | Lugo |
| | 2 | Ceuta |
| | 2 | Cartagena |
| United Kingdom | 0.25 | Rusthall |
| Yugoslavia | 2.5 | Subotica |
| | 2 | Buje |
| | 1/0.3 | 7 LP sts |
| Ascension Isl | 1 | AFRTS (ZD8VR) |
| Gabon | 1 | Franceville |
| Madagascar | 0.25 | Maintirano |
| Niger | 0.1 | In Gall |
| Nigeria | 1 | Kano |
| Iran | 1 | Zanjan |
| Qatar | 1 | Al Khaisah |
| **1611 kHz** | | |
| Italy | 0.1 | Marchirolo |
| Vatican | 15 | Vatican City |
| **1614 kHz** | | |
| Greece | 1 | Ierapetra |
| **1618 kHz** | | |
| Ireland | — | Drumshanbo |

# E. ASIA & PACIFIC

**Abbreviations** peculiar to the E.Asia/Pacific section of MW freq. lists: AF = allocated freq. C. = City. FP = Future plan. PO = Present operation on---. Proj. = Projected station. Unk. = Unknown location.

**Australia:** The numeral preceding the call letters indicates the state: 2 = New South Wales. 3 = Victoria. 4 = Queensland. 5 = South Australia. 6 = Western Australia. 7 = Tasmania. 8 = Northern Territory. ACT = Australian Capital Territory. Trtr = translator.

**China, P.R:** Regional services: Only the abbreviated name of the province (autonomous municipality) is listed. For details see text section. Local services: Name of service and province is listed. Additionally exact location when known and if different from origin of programme. Programme abbreviations: C1, C2; T1, T2; H1, H2; FS. For details see text section. Synchro = Several transmitters in different locations carry the same programme on the same frequency.

**Indonesia:** Only RRI stns included. For details of other stns see text section.

**New Zealand:** Rptr = repeater.

**Philippines:** Province Abbreviations: Ak = Aklan; Ant = Antique; Boh = Bohol; Bat = Batangas; Buk = Bukidnon; Bul = Bulacan; Cag = Cagayan; Cam Nte = Camarines Norte; Cam Sur = Camarines Sur; Dvo Nte = Davao Norte; Dvo Sur = Davao Sur; Isa = Isabela; IN = Ilocos Norte; IS = Ilocos Sur; LU = La Union; Mas = Masbate; MM = Metropolitan Manila; M Octal = Mindoro Occidental; M Ortal = Mindoro Oriental; Pang = Pangasinan; Que = Quezon; Riz = Rizal; S Sur = Surigao del Sur; Sor = Sorsogon; Tar = Tarlac; Z Nte = Zamboanga del Norte; Z Sur = Zamboanga del Sur.

**USSR:** Regions in the Asian parts of the USSR: Kaz. = Kazakhstan. Kir. = Kirghizia. Tad. = Tadzhikistan. Tur. = Turkmenia. Uz. = Uzbekistan. Sib. = Siberia. FE = Far East.

| Country | kW | Call | Location |
|---|---|---|---|
| **155 kHz** | | | |
| USSR | 1000 | | Khabarovsk kray, FE |
| **164 kHz** | | | |
| USSR | 150 | | Tashkent, Uz. |
| **173 kHz** | | | |
| USSR | | | Kyzyl, Sib. |
| | | | Novosibirsk, Sib. |
| | 500 | | Yakutsk, Sib. |
| **182 kHz** | | | |
| USSR | 150 | | Aktyubinsk, Kaz. |
| | 250 | | Alma Ata, Kaz. |
| | 150 | | Chita, Sib. |
| | 150 | | Petropavlovsk-Kamch, FE |
| **191 kHz** | | | |
| USSR | 50 | | Barnaul, Sib. |
| | 1000 | | Blagoveshchensk, Sib. |
| **200 kHz** | | | |
| USSR | 150 | | Frunze, Kir. |
| | 250 | | Irkutsk, Sib. |
| | 50 | | Aleksandrovsk-Sakhalinskiy, FE |
| **209 kHz** | | | |
| Mongolia | 60 | | Ulgii, Bayan-Ulgii |
| | 150 | | Dalanzadgad, So. Gobi |
| | 75 | | Choibalsan, Ea. Aimak |
| USSR | 50 | | Nukus, Uz. |
| | 150 | | Novosibirsk, Sib. |
| | 30 | | Blagoveshchensk, Sib. |
| | 30 | | Skovorodino, Sib. |
| **218 kHz** | | | |
| USSR | 300 | | Yeniseysk, Sib. |
| | 30 | | Birobidzhan, FE |
| **227 kHz** | | | |
| Mongolia | 150 | | Ulan Bator |
| | 150 | | Altai, Gobi |
| USSR | 150 | | Tyumen, Sib. |
| **236 kHz** | | | |
| USSR | 500 | | Mary, Tur. |
| | 500 | | C. Sib. |
| | 1000 | | Magadan, FE |
| **245 kHz** | | | |
| USSR | 500 | | Alma Ata, Kaz. |
| | | | Karaganda, Kaz. |
| | 1000 | | Vladivostok, FE |
| **254 kHz** | | | |
| USSR | 300 | | Dushanbé, Tad. |
| **263 kHz** | | | |
| USSR | 150 | | Karaganda, Kaz. |
| | 1000 | | Chita, Sib. |
| **272 kHz** | | | |
| USSR | | | Tomsk, Sib. |
| | 100 | | Khabarovsk kray, FE |
| | 500 | | Tashkent, Uz |

| Country | kW | Call | Location |
|---|---|---|---|
| **281 kHz** | | | |
| USSR | 150 | | Ashkhabad, Turk. |
| | 150 | | Ulan Ude, Sib. |
| | 50 | | Sverdlovsk, Sib. |
| | 150 | | Yuzhno-Sakhalinsk, FE |
| **531 kHz** | | | |
| Australia | 5 | 2MC | W. Kempsey |
| | 5 | 3UL | Warragul |
| | 5 | 4KZ | Innisfail |
| | 0.5 | 5UV | Adelaide (Dry Creek) |
| | 10 | 6DL | Dalwallinu (ABC3) |
| China, PR | | | HN; ZJ (C1); (C2) |
| India | 100 | | Jodhpur A |
| Japan | 10 | JOQG | Morioka (NHK1) |
| New Zealand | 2 | 4XA | Alexandra (rel 4XO) |
| Philippines | 5 | DZBR | Lipa C. |
| Sri Lanka | 20 | | Ambawela |
| Thailand | 50 | | Maha Sarkham |
| **540 kHz** | | | |
| Australia | 10 | 4QL | Longreach (ABC3) |
| | 5 | 7SD | Scottsdale |
| China, PR | | | (C1) Synchro |
| India | 20 | | Aizawal |
| Indonesia | 10 | | Bandung (RRI) |
| Japan | 5 | JOJG | Yamagata (NHK1) |
| | 5 | JOMG | Miyazaki (NHK1) |
| | 1 | JOJU/SG/SK | Nanao/Matsumo Kitakyushu (NHK1) |
| | 1 | | Ishigaki, Ryukyu (NHK1) |
| Korea, Rep. | 10 | HLCZ | Hongsŭng (KBS) |
| | 1 | HLSM | Changhŭng (KBS) |
| | 1 | HLSC | Chŏmch'ŏn (KBS) |
| | 1 | HLSN | Changsu (KBS) |
| Pakistan | 300 | | Peshawar I |
| Philippines | 5 | DYRB | Cebu C. |
| | 5 | DXBI | Basilan C., Isa. |
| | 10 | DZWT | Baguio C., Benguet |
| Samoa, W. | 1 | 2AP | Nuutoi, Upolu |
| Thailand | 10 | | Bangkok |
| **549 kHz** | | | |
| Australia | 50 | 2CR | Orange (ABC3) |
| China, PR | | | FJ (T1) Chifeng, NM; SX (C1) |
| China (Taiwan) | | | Taipei (Fuhsing) |
| India | 10 | | Ranchi A |
| Japan | 10 | JOAP | Naha, Okinawa (NHK1) |
| Korea, Rep. | 5 | | Seoul (AFKN) |
| Malaysia | 20 | | Kuching, Sarawak |
| Philippines | 5 | DXBI | Basilan C., Zamb. Sur |
| Thailand | 10 | | Krabi |
| | 100 | | Lampang |
| | 10 | | N. Phanom |

| Country | kW | Call | Location |
|---|---|---|---|
| **549 kHz** | | | |
| USSR | 1000 | | Alma Ata, Kaz. |
| | 50 | | Dushanbé, Tad. |
| | 50 | | Yakutsk, Sib. |
| | 150 | | Svobodnyy, Sib. |
| | 150 | | Vladivostok, FE |
| | 50 | | Magadan, FE |
| | 150 | | Omsk, Sib. |
| **550 kHz** | | | |
| Hawaii | 5 | KMVI | Wailuku, Maui |
| **558 kHz** | | | |
| Australia | 5 | 4AM | Atherton (Mareeba) |
| | 5 | 4GY | Gympie |
| | 50 | 6WA | Wagin (ABC3) |
| | 2 | 7BU | Burnie |
| Bangladesh | 100 | | Khulna |
| China, PR | | | FJ; XJ |
| China (Taiwan) | 1 | BEV58 | Chingshui (Cheng Sheng) |
| Fiji | 20 | VRH | Suva (Nula Rewa) |
| India | 50 | | Bombay B |
| Japan | 20 | JOCR | Kobe (R. Kansai) |
| Korea, Rep. | 250 | | Yŏngil (KBS) |
| New Zealand | 5 | 4ZG | Gore (Dacre) |
| Philippines | 10 | DZXL | Manila |
| Sri Lanka | 10 | | Diyagama (Colombo) |
| Thailand | 10 | | Chaiyaphum |
| | 50 | | Songkhla |
| USSR | | | Unk., Ce. Sib. |
| **567 kHz** | | | |
| Australia | 0.5 | 2BH | Broken Hill |
| | 10 | 4JK | Julia Creek (ABC3) |
| | 0.1 | | 4 sts W.A. (ABC3) |
| China, PR | | | (C1) |
| Guam | 5 | KGUM | Agana |
| Hongkong | 20 | | Golden Hill (RHK3) |
| India | 100 | | Dibrugarh |
| Japan | 100 | JOIK | Sapporo (NHK1) |
| Korea, Rep. | 100 | HLKF | Baegsan (KBS) |
| Malaysia | 10 | | Tenom, Sabah |
| New Zealand | 100 | 2YA | Wellington |
| Philippines | 5 | DXCD | Tagum, Dvo. N. |
| | 2.5 | DZAG | Agoo, LU |
| Sri Lanka | 10 | | Senkadagala (Kandy) |
| USSR | | | Unk., Ce. Sib. |
| **570 kHz** | | | |
| Hawaii | 1 | KIPO | Lihue, Kauai |
| Vietnam | | | Unk. (r) |
| **576 kHz** | | | |
| Australia | 50 | 2FC | Sydney (ABC2) |
| | 2 | 2WEB | Bourke (Educ.) |
| China, PR | | | YN; ZJ |
| India | 100 | | Alleppey |
| Japan | 10 | JOHG | Kagoshima (NHK1) |
| Korea, Rep. | 1 | HLKZ | Sunch'ŏn (KBS) |
| | 5 | | Munsan (AFKN) |
| Malaysia | 100 | | Tronoh |
| | 50 | | Johore Bharu |
| | 20 | | Miri, Sarawak |
| Philippines | 10 | DYIM | Mandawe C. (r577) |
| | 1 | DZYZ | Olongapo |
| Thailand | 10 | | Bangkok |
| USSR | 50 | | Osh, Kir |
| | 5 | | Tashkent, Uz. |
| | 500 | | Irkutsk, Sib. |
| | 100 | | Novosibirsk, Sib. |
| | | | Dudinka, Sib. |
| | 150 | | Khabarovsk, FE |
| | 50 | | Petropavlovsk-Kamch, FE |
| **580 kHz** | | | |
| Laos | 150 | | Vientiane |
| Vietnam | 50 | | Nhatrang |
| **585 kHz** | | | |
| China, PR | | | ZJ; (C1) |
| India | 100 | | Nagpur A |
| Indonesia | 50 | | Surabaya (RRI) |
| Japan | 10 | JOPG | Kushiro (NHK1) |
| Korea, Rep. | 5 | | Taegu (AFKN) |
| Pakistan | 1000 | | Islamabad |
| Philippines | 1 | DYTR | Iloilo C. |
| | 5 | DZVV | Vigan, I.S. |

| Country | kW | Call | Location |
|---|---|---|---|
| **585 kHz** | | | |
| Papua N. Guinea | 5 | | Port Moresby |
| Samoa, Am. | 50 | KBQN | Pago Pago |
| Sri Lanka | 20 | | Kantalai |
| Thailand | 10 | | Chumporn |
| | 20 | | Prachinburi |
| | 10 | | Phitsanulok |
| | 100 | | Phrae |
| USSR | 500 | | Svobodnyy, Sib. (FS) |
| **590 kHz** | | | |
| Hawaii | 5 | KSSK | Honolulu |
| **594 kHz** | | | |
| Australia | 50 | 3WV | Horsham (ABC3) |
| Brunei | 200 | | Tutong |
| China, PR | | | FJ (T2) |
| | | | SD; XZ; YN; (C1) |
| China (Taiwan) | 1 | BEH2 | Taipei + 7 sts (Fuhsing) |
| India | 1000 | | Calcutta |
| Japan | 300 | JOAK | Tokyo (NHK1) |
| Korea, Rep. | 10 | HLAG | Yŏngju (KBS) |
| Malaysia | 200 | | Kuala Lumpur |
| Niue | 0.25 | ZK2ZN | Alofi |
| Philippines | 10 | DZBB | Quezon C, MM |
| Sri Lanka | 50 | | Weeraketiya |
| Thailand | 10 | | Khonkaen |
| USSR | 150 | | Yeniseysk, Sib. |
| **600 kHz** | | | |
| China (Taiwan) | 500 | BED76 | Luchiang (CBS) |
| **603 kHz** | | | |
| Australia | 2 | 6PH | Port Hedland (ABC3) |
| | 10 | 7ZL | Hobart (ABC2) |
| China, PR | | | (C2) |
| India | 20 | | Ajmer |
| Japan | 5 | JOKK | Okayama (NHK1) |
| | 1 | JOCY | Nayoro (NHK1) |
| Korea, Rep. | 500 | HLSA | Namyang (KBS) |
| Malaysia | 10 | | Batu Pahat |
| | 20 | | Kota Kinabalu, Sabah |
| Philippines | 10 | DWLV | Naga C. |
| Sri Lanka | 20 | | Ratnapura |
| Thailand | 20 | | Bangkok |
| USSR | 50 | | Salekhard, Sib. |
| **610 kHz** | | | |
| Vietnam | 20 | | Ho Chi Minh C. |
| **612 kHz** | | | |
| Australia | 50 | 4QR | Brisbane (ABC1) |
| | 0.2 | 6NM | Northam (ABC3) |
| China, PR | | | FJ; LN; SC |
| China (Taiwan) | | | Keelung (Fuhsing) |
| Guam | 10 | KUAM | Agana (FP630) |
| India | 50 | | Bangalore A |
| Japan | 100 | JOLK | Fukuoka (NHK1) |
| Malaysia | 10 | | Kangar |
| New Zealand | 0.4 | 4ZF | Te Anau (rel. 4ZA) |
| Philippines | 1 | DWHB | Baguio C., Benguet |
| | 10 | DYHP | Cebu C. |
| | 5 | DZTG | Teguegarao, Cag. |
| Thailand | 20 | | Lopburi |
| USSR | 300 | | Frunze, Kir. |
| | | | W. Sib. |
| **620 kHz** | | | |
| Hawaii | 5 | KIPA | Hilo |
| **621 kHz** | | | |
| Australia | 50 | 3AR | Melbourne (ABC2) |
| China, PR | | | HL |
| | | | Haixi (Da Qaidam), QH |
| China (Taiwan) | 600 | BEG50 | Kaohsiung (V. of Asia) |
| India | 20 | | Patna A |
| Japan | 3 | JOCG | Asahikawa (NHK1) |
| | 1 | JOMT | Nobeoka (NHK1) |
| | 1 | JOSQ | Iida (NHK1) |
| | 1 | JOOK | Kyoto (NHK1) |
| Korea, Rep. | 10 | HLCF | Sŏguipo (KBS) |
| | 10 | HLSJ | Hwangi (KBS) |
| | 1 | HLAY | Yŏngdong (KBS) |
| Malaysia | 20 | | Sibu, Sarawak |
| | 100 | | Segamat |
| Philippines | 10 | DXDC | Davao C. |
| Sri Lanka | 20 | | Diyagama (Colombo) |
| Thailand | 100 | | Bangkok |
| Tuvalu | 5 | | Funafuti |

| Country | kW | Call | Location |
|---|---|---|---|
| **621 kHz** | | | |
| USSR | | | Khabarovsk, FE |
| **630 kHz** | | | |
| Australia | 50 | 4QN | Townsville (ABC3) |
| | 0.4 | 6AL | Albany (ABC3) |
| | 0.4 | 7QN | Queenstown (ABC3) |
| China, PR | | | XJ; ZJ; (C2) synchro |
| China (Taiwan) | 10 | BEG51 | Ilan (BCC3/Chiao Yu) |
| | | | Mingchien (TBC) |
| Cook Is. | 10 | ZK1ZC | Rarotonga (Black Rock) |
| Guam | 50 | KUAM | Agana (PO 610) |
| India | 20 | | Trichur |
| Indonesia | 100 | | Ujung Pandang (RRI) |
| Korea, Rep. | 10 | HLCY | Yeosu (KBS) |
| | 5 | HLSE | Sinwŏl (KBS) |
| New Zealand | 20 | 2YZ | Napier (Opapa) |
| Pakistan | 100 | | Lahore I |
| Philippines | 50 | DWWW | Quezon C., MM |
| Singapore | 50 | | Singapore |
| Thailand | 10 | | Bangkok |
| USSR | 100 | | Primere kray, FE (FS) |
| **639 kHz** | | | |
| Australia | 1 | 4MS | Mossman (ABC3) |
| | 10 | 5CK | Port Perie (ABC3) |
| China, PR | | | GX; SN; (C1) (Beijing) |
| China (Taiwan) | | | Taipei + 3sts (Fuhsing) |
| | | | Tahsi (TBC) |
| Fiji | 10 | | Lautoka (Drasa) |
| India | 50 | | Kohima A |
| Japan | 10 | JOPB | Shizuoka (NHK2) |
| Korea, DPR | | | Chongjin (FS; r638) |
| Korea, Rep. | 50 | HLKC | Sihŭng (KBS) |
| New Zealand | 2 | 4YW | Alexandra |
| Pakistan | 10 | | Karachi II |
| Philippines | 5 | DYAG | Cadiz, Neg. Occ. |
| | 5 | DXKR | Koronadal, S. Cotab. |
| | 1 | DZRL | Batac, IN |
| Sri Lanka | 50 | | Maho |
| Thailand | 50 | | Prachinburi |
| | 20 | | N. Si Thammarat |
| | 10 | | Phuket |
| USSR | 50 | | Omsk, Sib. |
| **640 kHz** | | | |
| Laos | 10 | | Vientiane |
| **648 kHz** | | | |
| Australia | 10 | 2NU | Tamworth (ABC3) |
| | 2 | 6GF | Kalgoorlie (ABC3) |
| China, PR | | | GD; SH |
| China (Taiwan) | 1 | | Tawu (Cheng Sheng) |
| India | 100 | | Indore A |
| Japan | 10 | | Okinawa C. (FEN) |
| | 5 | JOIG | Toyama (NHK1) |
| Korea, Rep. | 1 | HLSL | P'osong (KBS) |
| Malaysia | 20 | | Kuala Lipis |
| | 20 | | Limbang, Sarawak |
| Philippines | 2.5 | DWRL | Lipa C., Batangas |
| | 1 | DXMB | Malaybalay, Buk. |
| Samoa, Am. | 10 | WVUV | Pago Pago (Leone) |
| Sri Lanka | 20 | | Ambawela |
| Thailand | 55 | | Khon Kaen |
| USSR | 1000 | | Vladivostok, FE (FS) |
| **650 kHz** | | | |
| Hawaii | 10 | KORL | Honolulu |
| **657 kHz** | | | |
| Australia | 10 | 2BY | Byrock (ABC3) |
| | 2 | 8DR | Darwin (ABC, R. Austr.) |
| China, PR | | | HEN |
| China (Taiwan) | 20 | BED34 | Taipei (BCC1) |
| | 1 | BEV59 | Taichung (Cheng Sheng) |
| India | 100 | | Calcutta A |
| Japan | 5 | JOOG | Obihiro (NHK1) |
| Korea, Rep. | 50 | HLKM | Sanong (KBS) |
| Korea, DPR | 1500 | | Kangnam |
| New Zealand | 60 | 2YC | Wellington |
| Philippines | 5 | DXDD | Ozamis C., Mis. Occ. |
| | 1 | DYFL | Borongan, Samar E. |
| | 1 | DZHN | Naga C., Cam. Sur |
| | 1 | DZXC | San Fernando, LU |
| Thailand | 10 | | Samut Sakhon |
| | 1 | | N. Phanom |
| USSR | 50 | | Verkhoyansk, Sib. |

| Country | kW | Call | Location |
|---|---|---|---|
| **666 kHz** | | | |
| Australia | 5 | 2CN | Canberra, ACT |
| | 1 | 6LN | Carnarvon |
| China, PR | | | Heifei, AH |
| | | | Jiamusi, HL |
| | | | Siping, JL |
| | | | Jinzhou, LN |
| | | | QH |
| | | | FJ (H1) |
| China (Taiwan) | | BEH71 | Taitung (Fuhsing) (r) |
| | | | Matan/Hsintan (Fuhsing) |
| | | | Hsinhua (Chien Kuo) |
| India | 100 | | Delhi B |
| Japan | 100 | JOBK | Osaka (NHK1) |
| | 0.1 | | Miki (NHK1) |
| Malaysia | 10 | | Penang (r 665) |
| New Caledonia | 20 | | Noumea (RFO) |
| Philippines | 10 | DXRP | Davao C. (DXCT?) |
| | 10 | DZRH | Navotas, MM |
| USSR | 30 | | Tashkent, Uz. |
| | 50 | | Dudinka, Sib. |
| | 100 | | Komsomolsk-na-Amure, FE |
| **670 kHz** | | | |
| China (Taiwan) | | | Yuli (Fu Hsing) (r) |
| Hawaii | 10 | KPUA | Hilo |
| **675 kHz** | | | |
| Australia | 10 | 2CO | Albury (Corowa) (ABC3) (FP 684) |
| | 10 | 2KP | Smithtown (PO 684) |
| | 0.05 | 6BE | Broome (ABC3) |
| | 0.05 | 8KN | Katherine (ABC/R. Austr) |
| Brunei | 200 | | Serasa |
| China, PR | 100 | | NM; XJ; (C1) |
| Hongkong | 10 | | Peng Chau (Comm. R.) |
| India | 20 | | Chatarpur |
| | 1 | | Bangalore B |
| Japan | 5 | JOUG | Yamaguchi (NHK1) |
| | 5 | JOVK | Hakodate (NHK1) |
| Korea, Rep. | 10 | HLAS | Taeya (KBS) |
| | 1 | HLQX | Chinbu (KBS) |
| Malaysia | 10 | | Lahad Datu, Sabah |
| New Zealand | 20 | 3YA | Christchurch |
| Papua N. Guinea | 2 | | Lae/Wewak |
| Philippines | 5 | DYKC | Mandawe (Cebu) |
| | 5 | DWLW | Laoag C., IN |
| Singapore | 50 | | Singapore |
| Sri Lanka | 20 | | Weeraketiya |
| Thailand | 20 | | Chieng Mai |
| USSR | 150 | | Ashkhabad, Tur. |
| **680 kHz** | | | |
| Vietnam | | | Hanoi |
| **684 kHz** | | | |
| Australia | 10 | 2CO | Corowa (PO 675) |
| | 10 | 2KP | Kempsey (ABC3) (F.P. 675) |
| | 4 | 6BS | Busselton (ABC3) |
| | 1 | 8TC | Tennant Creek (ABC/R. Austr) |
| China, PR | | | GS; XJ |
| | | | Tangshan, HEB |
| | | | Mudanjiang, HL |
| | | | Fushun, LN |
| | | | Zhoushan, ZJ |
| | | | (C2), FJ (T2) |
| China (Taiwan) | | BEC23 | Taipei (Chun Chung) |
| | | | Ilan (Fuhsing) |
| Fiji | 2.5 | | Labasa (FP 10kW) |
| India | 10 | | Calicut A |
| | 20 | | Port Blair A |
| Japan | 5 | JOAG | Nagasaki (NHK1) |
| | 5 | JODF | Morioka + rptr (IBC) |
| Korea, DPR | 250 | | Samgo |
| Nepal | 100 | | Pokhara |
| Philippines | 1 | DWGW | Legaspi C., Albay |
| | 5 | DZCI | Cabanatuan, Nva. Ecija |
| Thailand | 20 | | Bangkok |
| USSR | 30 | | Kustanay, Kaz. |
| **688 kHz** | | | |
| China, PR. | | | Unk. (C1) |

| Country | kW | Call | Location |
|---|---|---|---|
| **690 kHz** | | | |
| Hawaii | 10 | KKUA | Honolulu |
| Easter I | 0.3 | | AFBC (r) |
| Vietnam | 55 | | Ban Me Thuot (r) |
| **693 kHz** | | | |
| Australia | 5 | 4KQ | Brisbane |
| | 2 | 5SY | Streaky Bay (ABC3) |
| | 0.5 | | Yulara (trtr 8HA) (FP) |
| Bangladesh | 1000 | | Dhaka A |
| China, PR | | | SN; ZJ |
| | | | FJ (T1) |
| China (Taiwan) | 10 | BEC25 | Taoyuan (Chun Chung) |
| | 3 | BEC32 | Tainan (Chun Chung) |
| | | | Taitung (Fuhsing) |
| | | | Hualien (Fuhsing) (r) |
| India | 20 | | Rajkot A |
| Japan | 500 | JOAB | Tokyo (NHK2) |
| Malaysia | 20 | | Kota Kinabalu, Sabah |
| Philippines | 1 | DXDN | Tagun, Dvo Nte |
| | 5 | DZCV | Tuguegarao, Cag. |
| Sri Lanka | 20 | | Amparai |
| Thailand | 20 | | Saraburi |
| USSR | 50 | | Anadyr, FE |
| **702 kHz** | | | |
| Australia | 50 | 2BL | Sydney (ABC1) |
| China, PR | | | JS; XJ |
| China (Taiwan) | 10 | BEP24 | Taichung (Ching Cha) |
| | | | Ilan (Fuhsing) |
| India | 100 | | Jullunder |
| Japan | 10 | JOFB | Hiroshima (NHK2) |
| | 10 | JOKD | Kitami (NHK2) |
| Korea, DPR | 500 | | Ch'ŏngjin (r700) |
| Malaysia | 20 | | Kota Bharu |
| Philippines | 30 | DZAS | Valenzuela, MM |
| Sri Lanka | 25 | | Diyagama (Colombo) |
| Thailand | 10 | | Lopburi |
| USSR | 50 | | Dushanbé, Tad. |
| | | | Irkutsk obl, Sib. |
| **710 kHz** | | | |
| China (Taiwan) | 50 | BEC72 | Hsinfeng (Kung Chun) |
| **711 kHz** | | | |
| Australia | 10 | 2CU | Cootamundra (ABC3) |
| | | | (FP) |
| | 10 | 4QW | St. George (ABC3) |
| | 10 | 7NT | Launceston (ABC3) |
| Brunei | 20 | | S. Hanching |
| China, PR | | | QH |
| India | 20 | | Siliguri |
| Korea, Rep. | 500 | HLKA | Sorae (KBS) |
| Philippines | 1 | DXIC | Iligan C., Lanao Nte |
| | 5 | DXRD | Davao C. |
| | 1 | DYBR | Tacloban, Leyte |
| | 5 | DZY1 | Ilagan, Isa. |
| Thailand | 20 | | Bangkok |
| | 20 | | Chieng Mai |
| | 50 | | U. Ratchathani |
| USSR | 50 | | Khabarovsk, FE |
| **720 kHz** | | | |
| Australia | 0.05 | 2AN | Armidale (ABC3) |
| | 0.4 | 2ML | Murwillumbah (ABC3) |
| | 2 | 3MT | Omeo (ABC3) |
| | 4 | 4AT | Atherton (ABC3) |
| | 50 | 6WF | Perth (ABC1) |
| China, PR | | | (C2) |
| China (Taiwan) | 10 | BED58 | Taichung (BCC1) |
| Hawaii | 5 | KUAI | Eleele, Kauai |
| India | 20 | | Madras A |
| Indonesia | 10 | | Ambon (RRI) |
| Japan | 1 | JOIL | Kitakyushu (KBC) |
| | 0.1 | | 3 sts (Comm.) |
| Korea, DPR | 500 | | Pyongyang (Kanggye) |
| Malaysia | 200 | | Kuala Lumpur |
| New Zealand | 20 | 4YZ | Invercargill |
| Philippines | 5 | DYEZ | Bacolod, Neg. Occ. |
| | 5 | DZJO | Infanta, Que. |
| | 1 | DZLU | San Fernando, LU |
| USSR | 500 | | Yuzhno-Sakhalinsk, FE |
| **729 kHz** | | | |
| Australia | 50 | 5CL | Adelaide (ABC2) |
| China, PR | | | JX |

| Country | kW | Call | Location |
|---|---|---|---|
| **729 kHz** | | | |
| China (Taiwan) | | | Taitung (Fuhsing) |
| | 0.5 | | Taipei (Shi Hsin) |
| India | 50 | | Gauhati A |
| Japan | 50 | JOCK | Nagoya (NHK1) |
| Korea, DPR | 100 | | Shinsang (r727v) |
| Malaysia | 10 | | Kuching, Sarawak |
| Philippines | 1 | DXOR | Cagayan de Oro, Mis. Or. |
| | 2.5 | DZGB | Legaspi C., Albay |
| Sri Lanki | 10 | | Ratnapura |
| Thailand | 50 | HSKT | N. Rajchasima |
| **735 kHz** | | | |
| Macau | 10 | | Em. Vila Verde |
| **738 kHz** | | | |
| Australia | 50 | 2NR | Grafton (ABC3) |
| | 5 | 6MJ | Manjimup (ABC3) |
| China, PR | 100 | | HN; JL; XJ |
| China (Taiwan) | | BEL2 | Taipei (Fishery BS) |
| India | 50 | | Hyderabad A |
| Japan | 5 | JOLR | Toyama (KNB) |
| | 5 | JORR | Naha, Okinawa (RBC) |
| Korea, DPR | | | Unk. |
| Korea, Rep. | 100 | HLKG | Kyŏngsan |
| Malaysia | | | Unid, Sarawak (r) |
| Philippines | 10 | DZFM | Quezon C. MM |
| Polynesia (Fr.) | 20 | | Papeete, Tahiti |
| Thailand | 20 | | Bangkok |
| | 10 | | Chieng Mai |
| USSR | 100 | | Ust-Kamenogorsk, Kaz. |
| | 50 | | Chelyabinsk, Sib. |
| | | | Unk, FE |
| **740 kHz** | | | |
| Vietnam | 50 | | Qui Nhon |
| **747 kHz** | | | |
| Australia | 10 | 4QS | Toowoomba (ABC3) |
| | 1 | | Exmouth (trtr 6LN) |
| | 5 | 6SE | Esperance |
| | 0.25 | 8JB | Jabiru (ABC/R. Austr) |
| China, PR | | | Xishuangbannazhou |
| | | | (Jinghong), YN; (C2) |
| China (Taiwan) | | | 3 sts (Fuhsing) |
| India | 50 | | Lucknow A |
| Japan | 500 | JOIB | Sapporo (NHK2) |
| Korea, Rep. | 100 | HLKH | Bia (KBS) |
| Malaysia | 10 | | Tawau, Sabah |
| New Zealand | 2 | 3ZA | Greymouth (Kumara) |
| Philippines | 1 | DXND | Kidapawan, Cotab. Nte |
| | 5 | DYHB | Bacolod, Neg. Occ. |
| | 5 | DZJC | Laoag, IN |
| Samoa, W. | 10 | 2AP | Apia (PO 1404) |
| Sri Lanka | 20 | | Kantalai |
| Thailand | 10 | | Songkhla |
| | 10 | | Surin |
| | 10 | | Udon Thani |
| | 1 | | Khon Kaen |
| | 1 | | Prachinburi |
| | 1 | | Surat Thani |
| USSR | 15 | | Arkalyk, Kaz. |
| | 20 | | Karaganda, Kaz. |
| | 50 | | Uralsk, Kaz. |
| **750 kHz** | | | |
| China (Taiwan) | 125 | BED2 | Minhsiung (or Luchiang) |
| | | | (CBS) |
| | 1 | BEH31 | Miaoli + 5 sts (Fuhsing) |
| Laos | 10 | | Vientiane (inactive?) |
| **756 kHz** | | | |
| Australia | 2 | 2TR | Taree (ABC3) |
| | 10 | 3WA | Wangaratta (ABC) (FP) |
| | 2 | 4QA | Mackay (ABC3) |
| | 0.1 | 6KW | Kununurra (ABC3) |
| China, PR | | | (C1) |
| China (Taiwan) | | | Makung (Shen Li Chih |
| | | | Sheng) |
| India | 20 | | Jagdalpur |
| Indonesia | 10 | | Purwokerto (RRI) |
| Japan | 10 | JOGK | Kumamoto (NHK1) |
| Korea, Rep. | 100 | HLSR | Suw'ŏn (KBS) |
| New Zealand | 20 | 1YA | Auckland |
| Pakistan | 150 | | Quetta 1 |
| Philippines | 1 | DWHL | Olongapo C, Zamb. |
| | 1 | DWBW | Baguio C. (DZDX?) |

| Country | kW | Call | Location |
|---|---|---|---|
| **756 kHz** | | | |
| Philippines | 10 | DWGC | Tayug, Pang. |
| | 10 | DWNW | Naga C., Cam. Sur |
| | 1 | DXJM | Butuan C., Agusan Nte |
| Thailand | 50 | | Narathiwat |
| | 50 | | Krabi |
| **758 kHz** | | | |
| Vietnam | | | Unk. (r) |
| **760 kHz** | | | |
| Hawaii | 10 | KGU | Honolulu |
| Philippines | 5 | DYCB | Cebu C. (r) |
| **765 kHz** | | | |
| Australia | 3.5 | 2BE | Bega |
| | 0.5 | | Moruya (trtr 2BE) |
| | 0.5 | | Hughenden (trtr 4GC) |
| | 0.1 | | Tom Price (trtr 6KA) |
| | 0.1 | | Parabourdon (trtr 6KA) |
| | 0.5 | | Katherine (trtr 8DN) |
| | 0.5 | | Tennant Creek (trtr 8HA) |
| China, PR | | | GZ; NM |
| | | | FJ (T1) |
| India | 10 | | Dharwar A |
| Japan | 5 | JOJF | Kofu (YBS) |
| | 5 | JOPF | Tokuyama (KEY) |
| Korea, Rep. | 10 | HLCQ | Taejon (MBC) |
| Korea, DPR | 50 | | Hyesan |
| Malaysia | 10 | | Kuala Trengganu |
| New Zealand | 5 | 2ZK | Hastings (Opapa) |
| Philippines | 1 | DXGS | Gen. Santos C., S.Cotab. |
| | 5 | DYCB | Cebu C. (r 760) |
| | 5 | DZYT | Tuguegarao, Cag. |
| Thailand | 20 | | Lampang |
| | 10 | | Bangkok |
| USSR | 30 | | Chardzhou, Tur. |
| **774 kHz** | | | |
| Australia | 50 | 3LO | Melbourne (ABC1) |
| | 5 | 4TO | Townsville |
| China, PR | | | HB |
| China (Taiwan) | 5 | BEV88 | Taoyuan (Hsien Sheng) |
| | 1 | BEV94 | Taichung (TBC) |
| Fiji | 20 | | Suva (Nulu Rewa) |
| India | 100 | | Simla |
| Japan | 500 | JOUB | Akita (NHK2) |
| Korea, Rep. | 10 | HLAJ | Cheju (MBC) |
| | 10 | HLAN | Ch'unch'ŏn (MBC) |
| Malaysia | 10 | | Sungai Petani |
| | 10 | | Tenom, Sabah |
| Philippines | 0.25 | DXSO | Marawi C., Lanao Sur |
| | 5 | DZBM | Quezon C., Manila |
| Sri Lanka | 10 | | Anuradhapura |
| Thailand | 10 | | Udon Thani |
| USSR | | | Unk, Kaz. |
| **780 kHz** | | | |
| Philippines | 5 | DYPR | Pta. Princesa, Pal. |
| **783 kHz** | | | |
| Australia | 2 | 2KA | Katoomba |
| | 2 | 6VA | Albany |
| | 2 | 8AL | Alice Springs (ABC/R Austr) |
| China PR | | | FJ; GD; HEB |
| China (Taiwan) | 10 | BED92 | Tainan (BCC2) |
| Hongkong | 20 | | Golden Hill (RHK) |
| India | 2.5 | | Madras C |
| Japan | 5 | JOXR | Naha, Okinawa (ROK) |
| Korea, Rep. | 10 | HLCV | Yongwŏl (KBS) |
| | 5 | | Pusan (AFKN) |
| Korea, DPR | 500 | | Ch'ongjin (r 782) |
| Malaysia | 10 | | Sandakan, Sabah |
| New Zealand | 20 | 2YB | Wellington |
| Philippines | 10 | DXRA | Davao C. |
| | 1 | DYME | Masbate |
| | 5 | DYPR | Pto. Princesa, Pal (r. 780) |
| | 1 | DZNL | Nalinac, Bauang, LU |
| Thailand | 20 | | Lopburi |
| USSR | 300 | | Ashkhabad, Tur. |
| | 75 | | Spassk Dalniy, FE |
| | | | Unk, Kaz. |
| **790 kHz** | | | |
| Hawaii | 5 | KKON | Kealakekua |
| **792 kHz** | | | |
| Australia | 10 | 4QG | Brisbane (ABC2) |
| **792 kHz** | | | |
| China, PR | 100 | | GX; SH |
| | | | Shenyang, LN |
| | | | FJ (T1) |
| China (Taiwan) | | | Hualien (Chun Chung) |
| | 1 | BEV79 | Keelung (Chen Hua) |
| | | | Taipei + 2 sts (Fuhsing) |
| India | 20 | | Poona A |
| Japan | 1 | JOCQ | Takayama (NHK1) |
| | 1 | JOHI | Naze (NHK1) |
| | 1 | | Enbetsu (NHK1) |
| | 1 | | Joetsu (NHK1) |
| | 0.1 | | 4 sts (NHK1) |
| Korea, Rep. | 50 | HLKJ | Seoul (KBS) |
| Nepal | 100 | | Kathmandu (Khumaltar) |
| Pakistan | 150 | | Muzaffarabad, Azad Kashmir |
| Philippines | 5 | DYRR | Ormoc C., Leyte |
| | 2.5 | DZAP | Angeles C, Pampanga |
| Singapore | 750 | | Singapore |
| Thailand | 20 | | Bangkok |
| USSR | 30 | | Abakan, Sib. |
| | | | Unk, C. Sib. |
| | | | Unk, FE |
| **800 kHz** | | | |
| China (Taiwan) | | BEC50 | Linkou (CBS/Kuang Hua) |
| Kampuchea | | | Unk. (Khmer Serika) (r) |
| Laos | 1 | | Oudom Xay |
| **801 kHz** | | | |
| Australia | 5 | 2GO | Gosford (PO 1323) |
| | 2 | 4QY | Cairns (ABC3) |
| | 2 | 5RM | Berri |
| China, PR | | | GD; (C1) |
| China (Taiwan) | | | Hsinhua (Chien Kuo) |
| Guam | 10 | KTWG | Agana |
| India | 20 | | Rewa |
| Indonesia | 10 | | Semarang (RRI) |
| Japan | 0.1 | | 8 sts (Comm.) |
| Korea, DPR | 500 | | Hwadae |
| Malaysia | 10 | | Kudat, Sabah |
| New Zealand | 1 | 2XL | Nelson (rel. 3XG) |
| Philippines | 5 | DWFA | Sorsogon, Sor. |
| | 1 | DXBL | Bislig, Surigao S. |
| | 1 | DXMZ | Gen. Santos C., S.Cotab. |
| | 1 | DYKA | San José, Ant. |
| | 1 | DYWC | Dumaguete, Neg. Or. |
| | 1 | DZNC | Cauayan, Isa. (r 803) |
| Thailand | 10 | | Chieng Mai |
| | 5-1 | | 4 sts. |
| USSR | | | Dushanbé, Tad. |
| | 30 | | Ust Kamenogorsk, Kaz. |
| | 1000 | | Chita, Sib. (FS) |
| **810 kHz** | | | |
| Australia | 10 | 2BA | Bega (ABC3) |
| | 2 | 2MY | Moruya (ABC3) (FP) |
| | 10 | 6WN | Perth (ABC2) |
| China, PR | | | XJ; ZJ |
| | | | Xi'an; SN |
| China (Taiwan) | | | Taipei (Fuhsing) |
| | | | Kuanhsi (TBC) |
| | 1 | BEV54 | Changhua (Kuo Sheng) |
| Fiji | 2.5 | | Labasa (FP 10kW) |
| India | 100 | | Delhi (PO 819) |
| Indonesia | 10 | | Merauke (RRI) |
| Japan | 50 | | Tokyo (FEN) |
| Korea, DPR | 50 | | Kaesŏng |
| Korea, Rep. | 20 | HLCT | Taegu (MBC) |
| Malaysia | 10 | | Kuantan |
| New Zealand | 20 | 4YA | Dunedin (Highcliff) |
| Papua N. Guinea | 2 | | Rabaul |
| Philippines | 5 | DZRJ | Quezon C, MM |
| | 1 | DXMV | Cotabato C, Cot. Nte |
| Thailand | 7 | | Khon Kaen |
| | 10 | | Nong Kai |
| | 10 | | Trang |
| USSR | 30 | | Sverdlovsk, Sib. |
| | 150 | | Vladivostok, FE (FS) |
| **819 kHz** | | | |
| Australia | 10 | 2GL | Glen Innes (ABC3) |
| Bangladesh | 100 | | Dhaka B (r 820) |
| China, PR | | | SX |
| | | | FJ (H2) |

| Country | kW | Call | Location |
|---|---|---|---|
| **819 kHz** | | | |
| China (Taiwan) | 10 | BED28 | Taitung (BCC1) |
| | 5 | BEP28 | Kaohsiung (Ching Cha) |
| | | | Hualien (Fuhsing) |
| | | | Ilan (Fuhsing) |
| | 1 | BEV34 | Taipei (Cheng Sheng) |
| India | 100 | | Delhi A (FP 810) |
| Indonesia | 1 | | Medan (RRI) |
| Japan | 1 | JONK | Nagano (NHK1) |
| | 1 | JOIP | Oita (NHK1) |
| | 1 | JOAQ | Sasebo (NHK1) |
| Korea, Rep. | 20 | HLCN | Kwangju (MBC) |
| Korea, DPR | 1000 | | Pyongyang (Wo'nsan?) (v) |
| Malaysia | 20 | | Miri, Sarawak |
| New Zealand | 10 | 1YZ | Rotorua (Paengaroa) |
| Philippines | 5 | DXMC | Davao C |
| | 1 | DXSC | Zamboanga C. |
| | 5 | DYVL | Tocloban, Leyte (cf. 954) |
| Sri Lanka | 10 | | Senkadagala (Kandy) |
| Thailand | 10 | | Bangkok |
| | 10 | | Satoon |
| **820 kHz** | | | |
| Easter I. | 1 | CB58 | Aeropuerto, Matuveri |
| Vietnam | 10 | | Ho Chi Minh C. |
| **826 kHz** | | | |
| Sri Lanka | 1 | | Galle |
| **828 kHz** | | | |
| Australia | 10 | 3GI | Sale (ABC3) |
| | 5 | 4SS | Nambour |
| | 0.5 | 4GC | Charters Towers (PO 1170) |
| | 2 | 6GN | Geraldton (ABC3) |
| China, PR | | | BJ; HEN |
| India | 10 | | Silchar/Panaji A |
| Japan | 300 | JOBB | Osaka (NHK2) |
| | 0.1 | | Miki (NHK2) |
| Malaysia | 10 | | Lahad Datu, Sabah (r 630) |
| New Zealand | 2 | 2XS | Palmerston No. |
| Pakistan | 100 | | Karachi I |
| Philippines | 1 | DWZR | Legaspi C., Albay |
| | 10 | DXCC | Cagayan de Oro, Mis. Or. |
| | 1 | DZTC | Tarlac, Tar. |
| Singapore | 50 | | Singapore |
| Thailand | 20 | | Royang |
| | 10 | | Sukhothai |
| USSR | 50 | | Kyzyl, Sib. |
| | | | Unk., C. Sib. |
| **830 kHz** | | | |
| Hawaii | 10 | KIKI | Honolulu |
| Malaysia | | | Lahad Datu, Sabah (r) |
| **837 kHz** | | | |
| Australia | 10 | 4RK | Rockhampton (ABC3) |
| | 1 | 6ED | Esperance (ABC3) |
| | 0.5 | 7QT | Queenstown |
| | 0.5 | | Yulara (trtr 8AL) (FP) |
| China, PR | | | FJ (r 834) |
| | | | Harbin, HL; (C1) |
| China (Taiwan) | 1 | BEV56 | Tainan (Shen Li Chih Sheng) |
| India | 20 | | Vijayawada A |
| Japan | 10 | JOQK | Niigata (NHK1) |
| Korea, Rep. | 50 | HLKY | Seoul (CBS) |
| Malaysia | 10 | | Ipoh |
| New Zealand | 2 | 1YK | Kaitaia |
| | 2 | 1YX | Whangarei |
| Philippines | 5 | DXRE | Gen. Santos C., S.Cotab. |
| | 5 | DYFM | Iloilo C. |
| | 1 | DZXE | Vigan, IS |
| Thailand | 50 | | Sakon Nakhon |
| USSR | 50 | | Spassk Dalniy, FE |
| **846 kHz** | | | |
| Australia | 10 | 2CY | Canberra, ACT (ABC2) |
| | 5 | 4CA | Cairns |
| | 0.2 | 6CA | Carnarvon (ABC3) |
| China, PR | | | GX; HEN; SX; XJ; XZ; ZJ |
| | | | FJ (H1) |
| | | | Changzhou, JS; (C2) |
| China (Taiwan) | 10 | BEC38 | Penghu (Chun Chung) |
| | | | Nanfangao (Cheng Sheng) |
| | | | 3 sts (Fuhsing) |

| Country | kW | Call | Location |
|---|---|---|---|
| **846 kHz** | | | |
| India | 50 | | Ahmedabad A |
| Japan | 5 | JOCP | Koriyama (NHK1) |
| | 1 | | Hitoyoshi/Uwajima (NHK1) |
| | 0.5-0.1 | | 5 sts (NHK1) |
| Kiribati | 10 | T3K1 | Tarawa, Betio I. |
| | 1 | | Kiritimati (Christmas I.) (rel.) |
| Korea, Rep. | 10 | HLAU | Ulsan (MBC) |
| | 5 | HLSY | Yanggu (KBS) |
| Malaysia | 10 | | Jerantut |
| | 10 | | Kuching, Sarawak |
| New Zealand | 2 | 2ZD | Masterton |
| Philippines | 50 | DWRV | Quezon C., Manila |
| Thailand | 10 | | Bangkok |
| USSR | | | Unk, Kaz. |
| **850 kHz** | | | |
| China (Taiwan) | | | Linkou (CBS/Kuang Hua) |
| | | | Kaohsiung (Fuhsing) |
| Hawaii | 5 | KHLO | Hilo |
| **855 kHz** | | | |
| Australia | 0.25 | 3CR | Melbourne |
| | 10 | 4QB | Maryborough (ABC3) |
| | 10 | 4QO | Eidsvold (ABC3) |
| China, PR | | | (C2) Synchro |
| China (Taiwan) | 1 | BEV24 | Taipei (Min Pen) |
| | 2 | BEV72 | Chiayi (Cheng Sheng) |
| | 10 | BED27 | Hualien (BCC1) |
| Indonesia | 100 | | Medan (RRI) |
| | 10 | | Mataram (RRI) |
| Korea, Rep. | 10 | HLCX | Chŏnju (MBC) |
| Korea, DPR | 500 | | Sangwŏn |
| Pakistan | 10 | | Quetta II (r 860) |
| Philippines | 1 | DXCT | Cagayan de Oro, Mis. Or (off?) |
| | 5 | DXAG | Ilagan C. |
| | 5 | DZGE | Naga C., Cam. Sur |
| Sri Lanka | 20 | | Amparai |
| **858 kHz** | | | |
| Macao | | | Macao (Em. Vila Verde) |
| **860 kHz** | | | |
| Korea, DPR | 250 | | Shinuiju |
| Pakistan | 10 | | Quetta (r) |
| Vietnam | | | Hanoi |
| **864 kHz** | | | |
| Australia | 2 | 4GR | Toowoomba |
| | 2 | 6AM | Northam |
| | 5 | 7HO | Hobart |
| China, PR | | | AH; (C1) |
| China (Taiwan) | 10 | BED25 | Kaohsiung (BCC1) |
| | 1 | BEV52 | Taichung (Chung Sheng) |
| Cook Is. | 0.5 | ZK1ZA | Rarotonga (Avarua) |
| Hongkong | 10 | | Peng Chau (Comm. R.) |
| India | 0.25 | | Shillong B |
| Indonesia | 10 | | Cirebon/Kupang (RRI) |
| Japan | 5 | JOPR | Fukui (KBC) |
| | 3 | JOHE | Asahikawa (HBC) |
| | 3 | JOQF | Muroran (HBC) |
| | 1 | JOSO | Matsumoto (SBC) |
| | 0.1 | JOSM | Toyohashi (Tokai) |
| Korea, Rep. | 100 | HLKR | Kyŏngpo (KBS) |
| Malaysia | 10 | | Penang |
| New Zealand | 10 | 4ZA | Invercargill (Dacre) |
| Papua N. Guinea | 2 | | Madang |
| Philippines | 5 | DYRE | Mandaue C., Cebu |
| | 1 | DWSF | San Fernando, Pamp. |
| | 1 | DZSP | San Pablo C., Laguna |
| Sri Lanka | 20 | | Jaffna |
| Thailand | 10 | | Bangkok |
| | 10 | | Tak |
| **870 kHz** | | | |
| Hawaii | 50 | KAIM | Honolulu |
| Vietnam | 100 | | Ho Chi Minh C. |
| **873 kHz** | | | |
| Australia | 5 | 2GB | Sydney |
| | 2 | 6DB | Derby (ABC3) |
| Bangladesh | 10 | | Chittagong |
| China, PR | | | GS; HL; JS |
| | | | Wuhan, HB; (C1) |
| India | 50 | | Jullunder B |

| Country | kW | Call | Location |
|---|---|---|---|
| **873 kHz** | | | |
| Japan | 500 | JOGB | Kumamoto (NHK2) |
| Korea, DPR | 250 | | Wonsan (r 875-7) |
| Malaysia | 20 | | Limbang, Sarawak |
| New Zealand | 1 | 3ZE | Ashburton |
| Philippines | 5 | DXRB | Butuan C., Agusan Nte |
| | 5 | DZPA | Bangued, Abra |
| | 5 | DZRC | Legaspi C., Albay |
| Sri Lanka | 20 | | Diyagama (Colombo) |
| Thailand | 10 | | Phattalung |
| **877 kHz** | | | |
| Korea, DPR | 250 | | Wonsan (V) |
| **882 kHz** | | | |
| Australia | 2 | 3YB | Warrnambool |
| | 5 | 4BH | Brisbane |
| | 2 | 6PR | Perth |
| China, PR | 100 | | FJ; XJ |
| | | | Dalian, LN |
| | | | Shenyang, LN |
| China (Taiwan) | | | 4 sts (Fuhsing) |
| | 10 | BEG77 | Hsinchu (BCC1) |
| | | | Penghu (Feng Ming) |
| India | 50 | | Imphal |
| Japan | 10 | JOPK | Shizuoka (NHK1) |
| Korea, Rep. | 20 | HLKI | Taedŏg (KBS) |
| Malaysia | 200 | | Kuala Lumpur |
| Mongolia | 150 | | Altai, Gobi |
| | 150 | | Murun, Kubusgul |
| | 75 | | Choibalsan, Ea. Aimak |
| New Zealand | 10 | 1YC | Auckland |
| Philippines | 5 | DWIZ | Navotas, MM |
| | 10 | DXMS | Cotabato C., Cot. Nte |
| Sri Lanka | 400 | | Puttalam |
| USSR | 500 | | Naryn, Kir. |
| **886 kHz** | | | |
| Indonesia | 0.5 | | Serui (RRi) |
| **890 kHz** | | | |
| China (Taiwan) | 10 | BED24 | Tainan (BCC) |
| **891 kHz** | | | |
| Australia | 5 | 4AY | Townsville (Ayr) |
| | 50 | 5AN | Adelaide (ABC1) |
| China, PR | | | NX; Dandong, LN; (G2) |
| China (Taiwan) | 3.5 | BEG78 | Miaoli (BCC3/Chiao Yu) |
| Fiji | 10 | | Lautoka (Drasa) |
| India | 10 | | Rampur |
| | 1 | | Tiruchirappalli B |
| Indonesia | 10 | | Malang (RRI) |
| Japan | 20 | JOHK | Sendai (NHK1) |
| Korea, Rep. | 250 | HLKB | Kimhae (KBS) |
| New Zealand | 5 | 2XW | Wellington (R. Windy) |
| Philippines | 10 | DYSR | Damaguebe C. |
| Thailand | 1000 | | Saraburi |
| USSR | 100 | | Tyumen, Sib. |
| **895 kHz** | | | |
| Vietnam | | | Quang Ngai (r) |
| **900 kHz** | | | |
| Australia | 5 | 2LM | Lismore |
| | 5 | 2LT | Lithgow (PO 1395) |
| | 2 | 6BY | Bridgetown |
| | 2 | 7AD | Devonport |
| | 2 | 8HA | Alice Springs |
| China, PR | | | HL; (C1) |
| China (Taiwan) | 100 | BED96 | Tanhsui (CBS) |
| Hawaii | 5 | KNUI | Kahului, Maui |
| India | 100 | | Cuddapah |
| Japan | 5 | JOHF | Yonago (BSS) |
| | 5 | JOZR | Kochi (RKC) |
| | 5 | JOHO | Hakodate (HBC) |
| Korea, Rep. | 50 | HLKV | Seoul (MBC) |
| Macau | 1 | | Teledif. de M. |
| New Zealand | 10 | 4YC | Dunedin (Highcliff) |
| Papua N. Guinea | 2 | | Goroka |
| Philippines | 5 | DWNE | Cabanatuan, Nva. Ecija |
| | 2.5 | DXSS | Davao C. |
| | 5 | DXRZ | Zamboanga C. |
| USSR | 500 | | Alma Ata, Kaz. (FS) |
| **909 kHz** | | | |
| China, PR | | | QH; SC; TJ; XJ |
| | | | Yichun, HL |
| | | | Tonghua, JL |

| Country | kW | Call | Location |
|---|---|---|---|
| **909 kHz** | | | |
| China (Taiwan) | 10 | BEG52 | Kaohsiung (BCC) |
| | 10 | BEG38 | Taichung (BCC) |
| | | | 7 sts (Fuhsing) |
| India | 100 | | Gorakhpur |
| Japan | 10 | JOCB | Nagoya (NHK2) |
| Korea, Rep. | 10 | HLQY | Kumi (KBS) |
| Malaysia | 20 | | Sibu, Sarawak |
| Philippines | 10 | DYLA | Cebu C. |
| Thailand | 50 | HSKS | Surin |
| USSR | | | Unk, FE |
| **917 kHz** | | | |
| Kampuchea | | | Phnom Penh |
| **918 kHz** | | | |
| Australia | 2 | 2XL | Cooma (FP 5kW) |
| | 2 | 4VL | Charleville (FP 5kW) |
| | 2 | 6NA | Narrogin |
| China, PR | | | FJ; SD |
| China (Taiwan) | | | Chihshang (Cheng Sheng) |
| India | 10 | | Suratgarh |
| Japan | 5 | JOEF | Yamagata (YBC) |
| | 0.1 | | 2 sts (Comm.) |
| Korea, Rep. | 50 | | Yŏnch'ŏn (KBS) |
| New Zealand | 10 | 3YZ | Greymouth (Kumara) |
| Philippines | 25 | DZRP | Quezon C., MM |
| Sri Lanka | 25 | | Diyagama (Colombo) |
| Thailand | 10 | | Chieng Mai |
| | 1 | | Chanthaburi |
| USSR | | | Unk, FE |
| **920 kHz** | | | |
| China, PR | | | Fuzhou, FJ |
| Midway I. | 0.25 | KMTH | Midway (AFRTS) |
| **927 kHz** | | | |
| Australia | 5 | 3UZ | Melbourne |
| | 5 | 4CD | Gladstone |
| | 0.1 | | Biloela (trtr 4CD) |
| | | | (FP 1260) |
| | 2 | 6NR | Perth |
| China, PR | | | BJ; GZ |
| | | | Jilin-shi, JL; FJ (T2) |
| China (Taiwan) | | | Hualien/Ilan/Matan |
| | | | (Fuhsing) |
| | | | Luchiang (or Kaohsiung) |
| | | | (CBS) |
| Fiji | 2.5 | | Sigatoka |
| India | 100 | | Vishakhapatnam |
| Indonesia | 50 | | Pekanbaru (RRI) |
| Japan | 5 | JOFG | Fukui (NHK1) |
| | 5 | JOKG | Kofu (NHK1) |
| | 1 | JOIQ | Wakkanai (NHK1) |
| | 0.1 | | Tsuyama (NHK1) |
| Korea, Rep. | 1 | HLQA | Puyŏ (KBS) |
| | 1 | HLQD | Hongch'ŏn (KBS) |
| | 1 | HLSU | Hadong (KBS) |
| Korea, DPR | 50 | | Sariwŏn |
| Malaysia | 10 | | Tawau, Sabah |
| New Zealand | 2 | 2ZA | Palmerston No. |
| Pakistan | 100 | | Khaipur |
| Thailand | 20 | | Bangkok |
| USSR | 50 | | Unk., Tur. |
| **936 kHz** | | | |
| Australia | 5 | 4BK | Brisbane |
| | 10 | 7ZR | Hobart (ABC) |
| China, PR | 100 | | AH; NM; ZJ |
| | | | Quinhuangdao, HEB |
| | | | Lianyungang, JS |
| China (Taiwan) | | | Taipei (Kuo Kuang/Chun |
| | | | Chung) |
| | | | 3 sts (Fuhsing) |
| India | 50 | | Tiruchirapalli A |
| Japan | 5 | JOTR | Akita (ABS) |
| | 5 | JONF | Miyazaki (MRT) |
| | 1-0.1 | | 4 sts (MRT) |
| Korea, Rep. | 10 | HLKD | Kapo (KBS) |
| N. Mariana Is. | 10 | KSAI | Saipan (r 940) |
| Philippines | 10 | DXUM | Davao C. |
| | 1 | DYKW | Binalbagen, Neg. Occ. |
| | 1 | DYDC | Calbayog C, W. Samar |
| | 1 | DZXT | Tarlac, Tar. |
| Thailand | 10 | | Chieng Mai |
| | 10 | | N. Rajchasima |

| Country | kW | Call | Location |
|---|---|---|---|
| **936 kHz** | | | |
| Thailand | 50 | | N. Sawan |
| | 5 | | N. Si Thammarat |
| | 1.5 | | Pattani |
| USSR | 150 | | Ft. Shevchenko, Kaz. |
| | | | Karaganda, Kaz. |
| **940 kHz** | | | |
| China (Taiwan) | | BEC53 | Matsu (Kuang Hua) (r 942) |
| Hawaii | 10 | KDEO | Waipahu, Oahu |
| **945 kHz** | | | |
| Australia | 2 | 3BO | Bendigo |
| | 1 | | Dysart (trtr 4HI) |
| China, PR | | | FJ; (C1) synchro |
| India | 20 | | Sambalpur |
| Japan | 1 | JOQP | Hikone (NHK1) |
| | 3 | JOIQ | Muroran (NHK1) |
| | 5 | JOXK | Tokushima (NHK1) |
| | 1 | | Fukue (NHK1) |
| Korea, Rep. | 10 | HLQW | Poŭn (KBS) |
| Malaysia | 100 | | Tronoh |
| | 50 | | Johore Bharu |
| New Zealand | 2 | 2ZG | Gisborne |
| Philippines | 5 | DXRO | Cotaboto C., Cot. Nte |
| | 5 | DYRO | Roxas C., Capiz |
| Solomon Is. | 10 | H4B | Gizo |
| USSR | 50 | | Pavlodar, Kaz. |
| **954 kHz** | | | |
| Australia | 5 | 2UE | Sydney |
| | 0.25 | 4VL | Cunnamulla (trtr) |
| | 0.5 | | Gordonvale (trtr 4CA) |
| Burma | 50 | | Rangoon |
| China, PR | | | Hainan (Haikou), GD |
| | | | Yantai, SH |
| | | | Anshan, LN |
| | | | TJ; XJ; FJ (H2) |
| China (Taiwan) | 20 | BED55 | Taipei (BCC2) |
| | | BEV78 | Hualien (Yen Sheng) |
| | 1 | BEV85 | Hsinying (Chien Kuo) |
| | | BEH72 | Taitung (Fu Hsing) |
| | | | Wanli/Tunglo (Tien Sheng) |
| India | 100 | | Najibabad |
| Indonesia | 10 | | Kendari (RRI) |
| Japan | 100 | JOKR | Tokyo (TBS) |
| Malaysia | 10 | | Kuching, Sarawak (r 960) |
| New Zealand | 2 | 1XW | Hamilton (R. Waikato) |
| Philippines | 15 | DWBC | Makati, MM |
| | 1 | DXRI | Iligan C., Lanao Nte |
| | 5 | DYVL | Tacloban, Leyte (on 819?) |
| Thailand | 5 | | 7 sts. |
| **960 kHz** | | | |
| Malaysia | 10 | | Kuching, Sarawak (AF954) |
| **963 kHz** | | | |
| Australia | 5 | 2RG | Griffith |
| | 5 | 4WK | Warwick |
| | 5 | 5SE | Mt. Gambier |
| | 2 | 6TZ | Bunbury |
| Bangladesh | 20 | | Sylhet |
| China, PR | | | LN; ZJ |
| China (Taiwan) | 1 | BEV84 | Chunghsing (TBC) |
| India | 20 | | Jalgaon |
| Indonesia | 10 | | Jembar (RRI) |
| Japan | 5 | JOTG | Aomori (NHK1) |
| | 5 | JOZK | Matsuyama (NHK1) |
| | 1 | JOSP | Saga (NHK1) |
| | 1 | JOLQ | Yonago (NHK1) |
| | 1 | JOUG | Hagi (NHK1) |
| Korea, Rep. | 10 | HLKS | Ara (KBS) |
| | 10 | HLCR | Andong (KBS) |
| Malaysia | 10 | | Kuala Trengganu |
| New Zealand | 10 | 3YC | Christchurch |
| Philippines | 5 | DYRC | Cebu C. |
| | 5 | DXYZ | Zamboanga C. |
| Thailand | 50 | | Krabi |
| | 10 | | N. Rajchasima |
| USSR | | | Unk, Ea. Sib. |
| | | | Ulan Ude, Sib. |

| Country | kW | Call | Location |
|---|---|---|---|
| **970 kHz** | | | |
| Hawaii | 5 | | Waimea (FP) |
| **972 kHz** | | | |
| Australia | 0.3 | | Cobar (trtr 2DU) |
| | 5 | 2MW | Murwillumbah |
| | 2 | 5DN | Adelaide |
| Brunei | 1 | | Kuala Belait |
| China, PR | | | HEN; XJ |
| | | | Harbin, HL; FJ (T2) |
| India | 100 | | Cuttack A |
| Indonesia | 50 | | Surakarta (RRI) |
| Korea, Rep. | 1500 | HLCA | Tangjin (KBS) |
| Philippines | 1 | DWKS | S. Pablo C, Laguna |
| | 5 | DXMO | Cagayan de Oro, Mis.Or. |
| | 1 | DYSM | Catarman, N. Samar |
| Sri Lanka | 20 | | Amparai |
| Thailand | 50 | | Phetchaboon |
| USSR | 50 | | Dushanbé, Tad. |
| | 50 | | Yuzno-Sakhalinsk, FE |
| **980 kHz** | | | |
| China (Taiwan) | 50 | BEC70 | Hsin feng (Kung Chun) |
| **981 kHz** | | | |
| Australia | 5 | 2NM | Muswellbrook |
| | 2 | 3HA | Hamilton |
| | 2 | 6KG | Kalgoorlie |
| China, PR | | | (C1) synchro |
| China (Taiwan) | 1 | BEV68 | Kaohsiung (Feng Ming) |
| India | 20 | | Raipur |
| New Zealand | 2 | 1YE | Kaikohe |
| Philippines | 10 | DXOW | Davao C. |
| | 5 | DXDR | Malaybalay (?) (RMN) |
| | 10 | DYBQ | Iloilo, Neg. Occ. |
| | 5 | DZRD | Dagupan C., Pang. |
| Thailand | 50 | HSKZ | Yala |
| | 10 | | Bangkok |
| | 10 | | Nakhon Phanom |
| | 5 | HSKH | Mae Hong Son |
| USSR | 30 | | Aktyubinsk, Kaz. |
| **990 kHz** | | | |
| Australia | 0.5 | 3AB | Albury, Wodonga |
| | 5 | 4RO | Rockhampton |
| | 2 | 6PM | Perth |
| | 0.5 | 8GO | Gove (ABC/R. Austr) |
| China, PR | | | SH; XJ; YN |
| | | | Dalian, LN |
| China (Taiwan) | | | Taipei (Fuhsing) |
| | 10 | BEP36 | Hualien (Ching Cha) |
| | 1 | BEP38 | Ilan (Ching Cha) |
| | | BEV58 | Taichung (Cheng Sheng) |
| Fiji | 1 | | Suva (Spec. prgr.) |
| Hawaii | 5 | KHVH | Honolulu |
| India | 50 | | Jammu A (Kashmir) |
| Japan | 10 | JORK | Kochi (NHK1) |
| Korea, Rep. | 10 | HLAP | Masan (MBC) |
| Philippines | 10 | DWWJ | Quezon C, MM |
| Singapore | 50 | | Singapore |
| Thailand | 10 | | N. Rachasima |
| **999 kHz** | | | |
| Australia | 2 | 2NB | Broken Hill (ABC3) |
| | 5 | 2ST | Nowra |
| China, PR. | | | Guangzhou, GD |
| | | | XJ; (C1) |
| India | 10 | | Coimbatore |
| Indonesia | 300 | | Jakarta (RRI) |
| Japan | 1 | JODG | Hamamatsu (NHK1) |
| | 1 | JOJO | Nakamura (NHK1) |
| | 1 | JOTQ | Hachinohe (NHK1) |
| | 1 | JODP | Fukuyama (NHK1) |
| | 0.1 | | 2 sts (NHK1) |
| Korea, Rep. | 10 | HLCL | Kwangju (CBS) |
| Korea, DPR | 250 | | Hamhŭng |
| Philippines | 1 | DXHP | Bislig, Surigao S. |
| | 5 | DYSS | Cebu C. |
| | 1 | DZEQ | Baguio C., Benguet |
| USSR | | | Khabarousk kray, FE |
| | 30 | | Tselinograd, Kaz. |
| **1000 kHz** | | | |
| China (Taiwan) | 500 | BED62 | Luchiang (or Minhsiung) (CBS/Kuang Hua) |

| Country | kW | Call | Location |
|---|---|---|---|
| **1008 kHz** | | | |
| Australia | 0.3 | 2XX | Canberra, ACT |
| | 5 | 4IO | Brisbane (Ipswich) |
| | 2 | 6GE | Geraldton |
| | 5 | 7EX | Launceston |
| China, PR | | | SN; Nanjing, JS; FJ (H2) |
| China (Taiwan) | 10 | BED88 | Taitung (BCC2) |
| | 1 | BEV60 | Kaohsiung (Cheng Sheng) |
| | 1 | BEV92 | Taipei (Tien Nan) |
| | | | Hualien/Ilan (Fuhsing) |
| India | 50 | | Calcutta B |
| Indonesia | 10 | | Madiun (RRI) |
| Japan | 50 | JONR | Osaka (ABC) |
| Korea, Rep. | 50 | HLCS | Yangyang (KBS) |
| Malaysia | 10 | | Melaka |
| New Zealand | 10 | 1ZD | Tauranga (Paengaroa) |
| Pakistan | 120 | | Hyderabad I |
| Philippines | 5 | DXXX | Zamboanga C. |
| Thailand | 10 | | Bangkok |
| USSR | 50 | | Magadan, FE |
| **1010 kHz** | | | |
| Vietnam | | | Hanoi (FS) |
| **1017 kHz** | | | |
| Australia | 5 | 2KY | Sydney |
| | 0.1 | 6WH | Wyndham (ABC3) |
| China, PR | | | Baoji, SN |
| | | | (C1) synchro; JL (FS) |
| China (Taiwan) | 10 | BED53 | Hsinchu (BCC2) |
| | | | Matan (Fuhsing) |
| | 0.1 | BED71 | Kuanshan (BCC1) |
| India | 1 | | Mysore |
| | 20 | | Delhi D |
| Japan | 50 | JOLB | Fukuoka (NHK2) |
| Korea, Rep. | 10 | HLAW | Andong (MBC) |
| Malaysia | 100 | | Segamat |
| | 10 | | Kudat, Sabah |
| Philippines | 5 | DWDW | Dagupan C., Pang. |
| | 1 | DZLC | Lucena C., Que. |
| | 5 | DXGE | Davao C.(r 1021) |
| | 1 | DXSN | Surigao, S. Nte |
| | 5 | DYRP | Iloilo C. (v) |
| Tonga | 10 | A3Z | Nuku'alofa |
| **1026 kHz** | | | |
| Australia | 5 | 3DB | Melbourne |
| | 5 | 4MK | Mackay |
| | 2 | 6NW | Port Hedland |
| China, PR | | | BJ; GZ |
| | | | Yingkou, LN; (C1) |
| China (Taiwan) | | | Miaoli (Fuhsing) |
| | | | Tung Lo (Tien Sheng) |
| | | BEV51 | Sanchung (Chung Hua) |
| India | 1 | | Allahabad A |
| Japan | 0.1 | | 24 sts (NHK1) |
| Korea, Rep. | 1 | HLCG | Hwach'ŏn (KBS) |
| | 1 | HLKW | Kŏch'ang (KBS) |
| New Zealand | 2 | 1ZK/ZN | Kaitaia/Whangarei |
| Philippines | 10 | DWXX | Quezon C, MM |
| | 1 | DXMI | Iligan C., Lanao Nte |
| Sri Lanka | 10 | | Galle |
| Thailand | 50 | | Phitsanulok |
| | 10 | | Baytong (or Yala) |
| USSR | 200 | | Novosibirsk, Sib. (FS) |
| **1030 kHz** | | | |
| Laos | 10 | | Vientiane |
| **1035 kHz** | | | |
| China, PR | | | (C1) synchro |
| China (Taiwan) | 10 | BED26 | Chiyai (BCC2) |
| India | 10 | | Gauhati B |
| Indonesia | 1 | | Tanjungkarang (RRI) |
| Japan | 1 | JOJD | Tsuruoka (NHK2) |
| | 1 | JOIC | Toyama (NHK2) |
| | 1 | JOHD | Takamatsu (NHK2) |
| | 0.1 | | 4 sts (NHK2) |
| Korea, Rep. | 10 | HLCP | Taepo (KBS) |
| Malaysia | 10 | | Penang |
| New Zealand | 20 | 2ZB | Wellington |
| Pakistan | 120 | | Multan |
| Philippines | 2.5 | DXCP | Gen. Santos C., S. Cotabato |
| | 1 | DYFJ | San José, Ant. |
| | 5 | DZWX | Baguio C., Benguet |

| Country | kW | Call | Location |
|---|---|---|---|
| **1035 kHz** | | | |
| Solomon Is. | 10 | H4B1 | Honiara |
| Thailand | 20 | | Bangkok |
| **1040 kHz** | | | |
| Hawaii | 1 | KIFH | Honolulu |
| **1044 kHz** | | | |
| Australia | 1 | 2UH | Muswellbrook (ABC3) |
| | 0.5 | 4WP | Weipa (ABC3) |
| | 2 | 5PI | Port Pirie |
| | 1 | 6BR | Bridgetown (ABC3) |
| China, PR | 300 | | XJ; (C2) synchro; ZJ (FS) |
| China (Taiwan) | 1 | | Kaohsiung (Cheng Kang) |
| | 1 | | Wuhaoshan (Yen Sheng) |
| Hongkong | 10 | | Peng Chau (Comm. R) |
| India | 20 | | Bombay A |
| Indonesia | 10 | | Biak (RRI) |
| Korea, Rep. | 10 | HLCD | Choch'ŏn (KBS) |
| | 10 | HLCI | Samch'ŏn (KBS) |
| | 1 | | Ch'unch'ŏn (AFKN) |
| Malaysia | 20 | | Sri Aman, Sarawak |
| New Zealand | 10 | 4ZB | Dunedin (Highcliff) |
| Philippines | 5 | DXLL | Zamboanga C. |
| | 1 | DXML | Digos, Dvo. Sur |
| | 1 | DYMS | Catbalogan C., N. Samar |
| | 5 | DZDR | Naga C., Cam. Sur |
| Thailand | 10 | | Khon Kaen |
| **1050 kHz** | | | |
| China, PR | | | Fuzhou, FJ |
| China (Taiwan) | | BEC49 | Linkou (CBS/Kuang Hua) |
| Vietnam | | | Hanoi |
| **1053 kHz** | | | |
| Australia | 5 | 2CA | Canberra, ACT |
| | 0.5 | 4EB | Brisbane (West End) |
| Bangladesh | 20 | | Rangpur |
| China P.R. | | | Wuhan, HB (r 1075v) |
| | | | Yanbian (Yanji), JL |
| | | | Jinan, SD |
| | | | Wenshan, YN; (C1) |
| India | 10 | | Leh (Kashmir) |
| Indonesia | 10 | | Jayapura (RRI) |
| | 1 | | Surakarta (RRI) |
| Japan | 50 | JOAR | Nagoya (CBC) |
| Korea, DPR | 1500 | | Haeju (V. of Reunif.) |
| Malaysia | 20 | | Mersing (r 1055) |
| N. Mariana Is. | 1 | WSZE | Navy Hill, Saipan (r 1050) |
| New Zealand | 2 | 2ZP | New Plymouth |
| Philippines | 1 | DXKD | Dipolog, Zamb. Nte |
| | 5 | DYSA | Iloilo C. |
| | 5 | DZEL | Lucena, Que. |
| | 5 | DZVR | Laoag C., IN |
| Thailand | 10 | | N. Si Thammarat |
| | 20 | | Nakhon Sawan |
| | 10 | | Lampang |
| | 10 | | Khon Kaen |
| **1060 kHz** | | | |
| Hawaii | 1 | | Hilo (FP) |
| **1062 kHz** | | | |
| Australia | 2 | 4TI | Thursday Isl (ABC3) |
| | 10 | 4-- | Charleville (FP) |
| | 5 | 5AD | Adelaide (PO 1323) |
| China, PR | | | GD |
| China (Taiwan) | 10 | BED43 | Taichung (BCC2) |
| | 1 | BEV82 | Ilan (Cheng Sheng) |
| | 5 | BEV74 | Pingtung (Min Li) |
| India | 0.15 | | Passighat |
| | 1 | | Pondicherry |
| Japan | 0.1 | | 26 sts (Comm.) |
| Korea, Rep. | 50 | HLKQ | Ch'ongwŏn |
| Malaysia | 20 | | Sibu, Sarawak |
| Philippines | 5 | DXKI | Marbel, S. Cotabato |
| | 10 | DZEC | Quezon C., MM |
| Samoa, W. | 3 | 2AP | Apia (Afiamalu) |
| Thailand | 20 | | Bangkok |
| USSR | | | Andizhan, Uz. |
| **1070 kHz** | | | |
| China (Taiwan) | 1 | BEV96 | Tainan (Tien Sheng) |
| **1071 kHz** | | | |
| Australia | 5 | 3CV | Maryborough |
| | 2 | 4SB | Kingaroy |
| | 2 | 6WB | Katanning |

| Country | kW | Call | Location |
|---|---|---|---|
| **1071 kHz** | | | |
| China, PR | | | FJ; GX; TJ |
| | | | Anshan, LN |
| | | | Baoji, SN |
| China (Taiwan) | 10 | BED57 | Taipei (BCC) |
| | 5 | BED8 | Lishan (BCC1) |
| | | | Yuli (Fuhsing) (r) |
| India | 1000 | | Rajkot |
| Japan | 20 | JOFK | Hiroshima (NHK1) |
| Philippines | 5 | DXKT | Davao C. |
| | 1 | DYXT | Tagbilaran C., Bohol |
| USSR | | | Unk., Ea. Sib. |
| **1080 kHz** | | | |
| Australia | 2 | 2MO | Gunnedah |
| | 0.2 | 4MI | Mt. Isa (ABC3) |
| | 2 | 6IX | Perth (FP 5kW) |
| | 5 | 7HT | Hobart |
| Bangladesh | 10 | | Rajshahi |
| China, PR | | | Suzhou, JS |
| | | | Shantou, GD |
| | | | Daquing, HL |
| | | | Chongqing, SC |
| | | | XJ; ZJ; YN (FS) |
| Hawaii | 5 | KWAI | Honolulu |
| Indonesia | 10 | | Singaraja (RRI) |
| Japan | 1 | JOLC | Tottori (NHK2) |
| | 1 | JOHD | Takamatsu (NHK2) |
| | 1 | JOIC | Toyama (NHK2) |
| | 1 | JOIT | Muroran (NHK2) |
| | 1 | JOOC | Obihiro (NHK2) |
| | 0.1 | | 4 sts (NHK2) |
| Korea, Rep. | 10 | HLAT | Yŏsu |
| Korea, DPR | 1500 | | Haeju (r 1081) |
| Malaysia | 10 | | Sandakan, Sabah |
| New Zealand | 10 | 1ZB | Auckland |
| Pakistan | 50 | | Lahore II |
| Philippines | 5 | DWIN | Dagupan C., Pang. |
| | 1 | DXKS | Surigao, S. Nte |
| | 1 | DZBT | Batangas C., Batgs. |
| Thailand | 10 | | N. Sawan |
| | 10 | | Yala |
| USSR | 500 | | Irkutsk or Ulan Ude, Sib. (FS) |
| **1089 kHz** | | | |
| Australia | 5 | 2GZ | Orange |
| | 5 | 3WM | Horsham |
| China, PR | | | LN; SC; FJ (T2); (C2) |
| China (Taiwan) | 1 | BED56 | Jiyuetan (BCC) |
| | 5 | BEH5 | Taipei + 13 sts (Fuhsing) |
| | 0.5 | BEC31 | Yunlin (Chun Chung) |
| Fiji | 0.3 | | Suwa/mobile (FP: 990) |
| India | 20 | | Udipi |
| | 1 | | Jammu B (Kashmir) |
| Japan | 10 | JOHB | Sendai (NHK2) |
| Korea, Rep. | 10 | HLCH | Ch'ungju (KBS) |
| Philippines | 5 | DXCM | Cotabato C., Cot. Nte |
| | 1 | DYHR | Calbayog C., W. Samar |
| Thailand | 10 | | Udon Thani |
| | 2 | | Bangkok |
| **1090 kHz** | | | |
| Futuna I. | 1 | | Alu (RFO) |
| **1098 kHz** | | | |
| Australia | 2 | 4LG | Longreach |
| | 2 | 6MD | Merredin |
| | 2 | 7LA | Launceston |
| Bangladesh | 1 | | Rangamati |
| China, PR | | | NM; (C2) |
| Indonesia | 10 | | Jambi/Sumenep (RRI) |
| Japan | 1 | JOEL | Tsuruoka (YBC) |
| | 1 | | Sakata (YBC) (FP) |
| | 5 | JOGF | Oita (OBS) |
| | 1 | JOMF | Sasebo (NBC) |
| | 5 | JOSR | Nagano (SBC) |
| | 5 | JOWO | Koriyama (RFC) |
| | 1 | JOSW | Iida (PO 1197) |
| | 0.1 | | 2 sts (Comm.) |
| Korea, Rep. | 20 | HLCJ | Chinju (KBS) |
| Marshall Is. | 10 | WSZO | Majuro |
| New Zealand | 5 | 3ZB | Christchurch |
| | 5 | | Orohuia |
| Pakistan | 10 | | Hyderabad II |

| Country | kW | Call | Location |
|---|---|---|---|
| **1098 kHz** | | | |
| Philippines | 10 | DWAD | Mandaluyong, Manila |
| | 5 | DXCL | Cagayan de Oro, Mis. Or. |
| Thailand | 10 | | Songkhla |
| | 10 | | Tak |
| USSR | 150 | | Alma Ata, Kaz. |
| **1100 kHz** | | | |
| China (Taiwan) | 100 | BED97 | Tanhsui (CBS) |
| **1107 kHz** | | | |
| Australia | 5 | 2UW | Sydney |
| China P.R. | | | Xiamen, FJ |
| | | | Shuangyashan, HL |
| | | | Luoyang, HEN |
| | | | JL; NM; (C1); (C2) |
| India | 10 | | Gulbarga |
| Indonesia | 10 | | Jogjakarta (RRI) |
| Japan | 5 | JOMR | Kanazawa (MRO) |
| | 20 | JOCF | Kagoshima (MBC) |
| | 1 | | 5 sts (Comm.) (FP) |
| Korea, Rep. | 10 | HLAV | Po'hang (MBC) |
| Papua N.G. | 5 | | Kavieng (Proj.) |
| Philippines | 1 | DXMF | Davao C. |
| | 5 | DYRI | Iloilo C. |
| Thailand | 20 | | Chonburi |
| **1110 kHz** | | | |
| China (Taiwan) | 1 | BEC47 | Kinmen tao (Kuang Hua) |
| Hawaii | 5 | KHEI | Kihei (Pukalani), Maui |
| **1115 kHz** | | | |
| Kiribati | 1 | | Christmas I. |
| | | | (rel.) (FP 846) |
| **1116 kHz** | | | |
| Australia | 5 | 4BC | Brisbane |
| China P.R. | | | HL; SC; FJ (T1); (C2) |
| China (Taiwan) | 1.5 | BEC22 | Taipei (Chun Chung) |
| | 5 | BEC30 | Ilan (Chun Chung) |
| | 1 | BEP26 | Hsinchu (Ching Cha) |
| | 10 | BEP25 | Kaohsiung (Ching Cha) |
| | 3.5 | BED72 | Yuli (BCC1) |
| India | 20 | | Srinagar A (Kashmir) |
| Indonesia | 10 | | Biak (RRI) |
| Japan | 5 | JOAF | Matsuyama (RNB) |
| | 5 | JODR | Niigata (BSN) |
| | 0.1 | | 3 sts (Comm.) |
| New Zealand | 2 | 2YX | Nelson |
| Philippines | 5 | DXAS | Zamboanga C. |
| | 5 | DZLB | Los Banos, Laguna |
| | 0.25 | DZLF | Batac, IN |
| Thailand | 20 | | Samut Sakhon |
| USSR | | | Unk, FE |
| | | | Unk, E. Sib. |
| **1125 kHz** | | | |
| China, PR | | | Hengshui, HEB |
| | | | Pingxiang, JX; ZJ |
| China (Taiwan) | 2 | BEV36 | Yunlin (Cheng Sheng) |
| | | | (r 1130) |
| | | | Taitung (Ching Cha) (r) |
| India | 10 | | Udaipur |
| | 20 | | Gangtok, Sikkim |
| Japan | 10 | JOAD | Naha, Okinawa (NHK2) |
| | 1-0.1 | | 7 sts (NHK2) |
| Philippines | 1 | DWAS | Daraga, Albay |
| | 5 | DZWN | Dagupan C., Pang. |
| Thailand | 50 | HSKI | Chanthaburi |
| Vanuatu | 10 | YJB2 | Port Vila (Malapoa) |
| **1130 kHz** | | | |
| Hawaii | 10 | KLEI | Kailua |
| **1134 kHz** | | | |
| Australia | 2 | 2AD | Armidale (FP 5kW) |
| | 5 | 3CS | Colac |
| | 2 | 6CI | Collie |
| China, PR | | | ZJ |
| | | | Zhanjiang, GD |
| | | | Tongchuan, SN |
| China (Taiwan) | 5 | BEC75 | Taipei (Shih Cheng) |
| India | 1000 | | Calcutta |
| Indonesia | 50 | | Banjarmasin (RRI) |
| Japan | 100 | JOQR | Tokyo (Bunka Hoso) |
| Korea, Rep. | 10 | | Kimp'o (KBS) |
| New Zealand | 2 | 4YQ | Queenstown |
| Philippines | 1 | DYRM | Dumaguete, Neg. Or. |
| Thailand | 10 | | Kanchanaburi |

| Country | kW | Call | Location |
|---|---|---|---|
| **1134kHz** | | | |
| Thailand | 10 | | Lampang |
| | 10 | | Pang-Nga |
| **1140 kHz** | | | |
| Malaysia | | | Kuantan (r) |
| **1143 kHz** | | | |
| Australia | 2 | 2HD | Newcastle |
| | 5 | 4HI | Emerald |
| China, PR | | | QH; ZJ; Zibo, SD |
| China (Taiwan) | 0.1 | | 2 sts (BCC) |
| | 10 | BEL3 | Pengfu (Fishery BS) |
| India | 20 | | Ratnagiri/Rohtak |
| Japan | 20 | JOBR | Kyoto (KBS) |
| Korea, Rep. | 500 | | Jeju (KBS) |
| Malaysia | 10 | | Kuantan (r 1140) |
| New Zealand | 2 | 1YW | Hamilton |
| Philippines | 1000 | | Poro Pt, LU (VOA) |
| Thailand | 25 | | Bangkok |
| USSR | 150 | | Dushanbé, FE |
| | | | Unk, C. Sib. |
| **1152 kHz** | | | |
| Australia | 2 | 2WG | Wagga Wagga |
| China, PR | | | HN; Dalian, LN |
| | | | Zhelimu (Tongliao), NM |
| China (Taiwan) | 5 | BEG22 | Taipei (Yu Shih) |
| | 1 | BED68 | Puli (BCC2) |
| India | 1 | | Ranchi B |
| Japan | 10 | JOPC | Kushiro (NHK2) |
| | 10 | JORB | Kochi (NHK2) |
| | 0.5 | JORO | Hirara, Okinawa (RBC) |
| Korea, Rep. | 10 | HLCW | Wŏnju (KBS) |
| | 0.25 | | Kwangju (AFKN) |
| Laos | 3 | | Savannakhet |
| New Zealand | 2 | 3ZC | Timaru |
| Pakistan | 10 | | Rawalpindi |
| Philippines | 5 | DYRJ | Iloilo C. |
| Thailand | 20 | | Chieng Mai |
| USSR | 25 | | Khanty-Mansiysk, Sib. |
| | 30 | | Komsomolsk, FE |
| **1161 kHz** | | | |
| Australia | 2 | 4MB | Maryborough |
| | 10 | 5PA | Naracoorte (ABC3) |
| | 1 | 7FG | Fingal (ABC3) |
| China, PR | | | GX; Wuxi, JS; (C1); (C2) |
| China (Taiwan) | 10 | BED86 | Ilan (BCC2) |
| | 10 | BED89 | Miaoli (BCC2) |
| | 1 | BEV67 | Kaohsiung (Feng Ming) |
| India | 10 | | Trivandrum A |
| Japan | 0.1 | | 24 sts (NHK1) |
| Korea, Rep. | 20 | HLKU | Pusan (MBC) |
| Malaysia | 10 | | Melaka |
| | 20 | | Sri Aman, Sarawak |
| New Zealand | 2 | 2ZM | Wellington |
| Philippines | 1 | DYRD | Tagbilaran C, Bohol |
| | 1 | DXDS | Digos, Dvo. Sur |
| | 1 | DZMD | Daet, Cam. Nte |
| Thailand | 20 | | Nakhon Phanom |
| | 10 | | Rayong |
| USSR | 1000 | | Dushanbé, Tad. |
| **1170 kHz** | | | |
| Australia | 5 | 2CH | Sydney |
| | 0.1 | 4GC | Charters Towers (FP 828) |
| China, PR | | | SH; ZJ; FJ (T1) |
| China (Taiwan) | 1 | BEV35 | Taipei (Cheng Sheng) (r 1171) |
| Hawaii | 5 | KOHO | Honolulu |
| India | 1 | | Hyderabad C |
| Indonesia | 50 | | Semarang (RRI) |
| Korea, Rep. | 500 | HLSR | Kimjae (KBS) |
| Philippines | 10 | DZCA | Quezon C, MM |
| Thailand | 20 | | Bangkok |
| USSR | 250 | | Ulan Ude, Sib. (FS) |
| **1179 kHz** | | | |
| Australia | 5 | 3KZ | Melbourne |
| China, PR | | | HB; NM |
| China (Taiwan) | | BEV54 | Erhlin (Kuo Sheng) |
| India | 20 | | Jabalpur |
| Indonesia | | | Padang (RRI) |
| Japan | 50 | JOOR | Osaka (MBS) |
| Thailand | 20 | | Chanthaburi |
| **1185 kHz** | | | |
| Indonesia | 5 | | Tanjung Pinang (RRI) |
| **1188 kHz** | | | |
| Australia | 2 | 2NZ | Inverell |
| | 2 | 6XM | Exmouth (ABC3) |
| China, PR | | | Hainan, GD |
| | | | Xing'an, NM |
| China (Taiwan) | 10 | BED32 | Hualien (BCC2) |
| | 1 | BED46 | Jiyuetan (BCC2) |
| India | 20 | | Bombay C |
| Japan | 10 | JOKP | Kitami (NHK1) |
| Korea, Rep. | 50 | HLKX | Inchŏn (FEBC) |
| Philippines | 1 | DYRV | Catbalogan, W. Samar |
| | 5 | DZLT | Lucena, Que. |
| | 1 | DZXO | Cabanatuan, Nva. Ecija |
| Thailand | 10 | | Sakon Nakhon |
| | 10 | | Phitsanulok |
| | 10 | | Prachinburi |
| Wallis Is. | 1 | | Mata Utu (RFO) |
| **1190 kHz** | | | |
| China (Taiwan) | 1 | BEV46 | Taipei (TBC) |
| | | BEV57 | Tainan (Shen Li Chih Sheng) |
| **1197 kHz** | | | |
| Australia | 5 | 4GG | Surfers Paradise (Southport) |
| | 2 | 5KA | Adelaide (FP 5kW) |
| China, PR | | | HEN; ZJ |
| | | | Qiqihar, HL; YN (FS) |
| India | 10 | | Tirunelvelli |
| | 1 | | Jodhpur |
| | 1 | | Shillong A |
| Japan | 5 | JOBF | Kumamoto (RKK) |
| | 1 | JOMO | Nanao (MRO) (FP 1107) |
| | 1 | JOSW | Iida (SBC) (FP 1098) |
| | 5 | JOYF | Mito (YBS) |
| | 1 | JOFO | Fukuoka (RKB) |
| | 1 | JOWL | Asahikawa (STV) |
| | | JOWN | Hakodate (STV) |
| | 1 | | Wakkanai/Nayori (STV) (FP) |
| | 1 | | Nakamura (RKC) |
| | 0.1 | | Hagiwara (GBS) |
| | 1-0.1 | | 5 sts (Comm.) (FP) |
| Korea, Rep. | 0.25 | | Dongduch'on (AFKN) |
| Malaysia | 10 | | Kudat, Sabah |
| New Zealand | 2 | 2ZW | Wanganui |
| Philippines | 5 | DXFE | Davao C. |
| | 5 | DYRH | Bacolod, Neg. Occ. |
| Thailand | 20 | | Bangkok |
| **1200 kHz** | | | |
| China (Taiwan) | 100 | BED50 | Minhsiung (CBS) |
| **1206 kHz** | | | |
| Australia | 5 | 2CC | Canberra, ACT |
| | 5 | 2GF | Grafton |
| | 2 | 6KY | Perth |
| China, PR | | | Yanbian (Yanji), JL (C1); (C2); YN (FS) |
| China (Taiwan) | 1 | BEV62 | Hsinchu (TBC) (r 1210) |
| Fiji | 2.5 | | Sigatoka |
| Indonesia | 10 | | Denpasar (RRI) |
| | 1 | | Surabaya (RRI) (r) |
| Korea, Rep. | 1 | HLSW | Chŏngsŏn (KBS) |
| | 1 | HLQR | Ch'ŏngsong (KBS) |
| Malaysia | 20 | | Miri, Sarawak |
| New Zealand | 2 | 4XO | Dunedin (R. Otago) |
| Philippines | 10 | DWWA | Quezon C, MM |
| | 1 | DXRS | Surigao C, S. Nte |
| USSR | | | Guryev, Kaz. |
| **1210 kHz** | | | |
| Hawaii | 1 | KZOO | Honolulu |
| **1215 kHz** | | | |
| Australia | 0.35 | | Bowral (trtr 2ST) |
| | 0.1 | | Moranbah (trtr 4HI) |
| China, PR | | | HEN; (C1) synchro |
| Indonesia | 10 | | Samarinda (RRI) |
| | | | Jakarta (RRI) |
| Japan | 1 | JOBO | Maizuri (KBS) (PO 1062) |
| | 1 | JOBW | Hikone (KBS) (PO 1107) |
| Korea Rep. | 10 | HLAK | Chinju (MBC) |
| New Zealand | 2 | 1ZE | Kaikohe (rel. 1ZN) |
| Philippines | 5 | DYRF | Cebu C. |

| Country | kW | Call | Location |
|---|---|---|---|
| **1215 kHz** | | | |
| Thailand | 50 | HSKV | Surat Thani |
| | 10 | | Phrae |
| | 10 | | U. Rajchathani |
| **1224 kHz** | | | |
| Australia | 5 | 2WS | Sydney |
| | 5 | 3EA | Melbourne |
| China, PR | | | GX; SC; FJ (T2) |
| China (Taiwan) | 10 | BED79 | Kaohsiung (BCC3) |
| | 0.1 | BED98 | Fengping (BCC1) |
| | 1 | BEV71 | Taipei (Hua Sheng) |
| India | 1 | | Srinagar B (Kashmir) |
| | 2.5 | | Calcutta D |
| Japan | 10 | JOJK | Kanazawa (NHK1) |
| Korea, Rep. | 20 | HLAA | Toch'ŏn (KBS) |
| Malaysia | 50 | | Johore Bharu |
| | 100 | | Tronoh |
| Marshall Is. | 1 | WXLG | Kwajalein (AFRS) |
| New Zealand | 2 | 4XF | Invercargill (R. Foveaux) |
| Philippines | 5 | DXED | Davao C. |
| | 1 | DXWG | Iligan C, Lanao Nte (cf. 855) |
| | 1 | DZMQ | Dagupan C, Pang |
| Thailand | 10 | | Bangkok |
| | 10 | | Chieng Rai |
| USSR | 150 | | Chimkent, Kaz. |
| | | | Unk, C. Sib. |
| **1233 kHz** | | | |
| Australia | 10 | 2NC | Newcastle (ABC1) |
| China, PR | 100 | | HN |
| China (Taiwan) | | | Juifang (Chung Hua) |
| | | | Kuangfu (Fuhsing) (r) |
| India | 1 | | Bhopal B |
| Indonesia | 50 | | Pontianak (RRI) |
| Japan | 5 | JOGR | Aomori (RAB) |
| | 5 | JOUR | Nagasaki (NBC) |
| | 1 | | Marugame (RNC) |
| Korea, Rep. | 1 | HLCC | P'yŏngch'ang (KBS) |
| | 1 | HLQG | Yŏngyang (KBS) |
| Mongolia | 5 | | Sainshand? |
| Philippines | 5 | DYVS | Bacolod, Neg. Occ. |
| Thailand | 10 | | Udon Thani |
| | 10 | | Prachuap Khiri Khan |
| | 1 | | Mae Hong Som |
| **1235 kHz** | | | |
| Indonesia | | | Bogor (RRI) |
| **1242 kHz** | | | |
| Australia | 5 | 3TR | Sale |
| | 2 | 4AK | Toowoomba (FP: 5kW) |
| | 2 | 5AU | Port Augusta |
| | 2 | 8DN | Darwin |
| China, PR | | | LN; YN |
| China (Taiwan) | 10 | BED 77 | Taichung + 7 sts (BCC) |
| India | 10 | | Varanasi |
| Japan | 100 | JOLF | Tokyo (Nippon Hoso) |
| Korea, Rep. | 10 | HLSB | Wŏnju (MBC) |
| New Zealand | 2 | 1XX | Whakatane |
| | 0.1 | 1XX | Galatea (rptr) |
| Philippines | 10 | DWBL | Pasig, MM |
| | 5 | DXSY | Ozamis C, Mis. Occ. |
| Thailand | 10 | | Roi Et |
| | 10 | | Lampang |
| | 10 | | Phetchaboon |
| | 10 | | Pha Yao |
| | 50 | | Surat Thani |
| **1250 kHz** | | | |
| China (Taiwan) | | BEC22 | Linkou (CBS/Kuang Hua) |
| **1251 kHz** | | | |
| Australia | 2 | 2DU | Dubbo |
| China, PR | | | BJ; QH; SH; (C2) |
| China (Taiwan) | 5 | BEC29 | Kaohsiung (Chun Chung) |
| | 1 | BED61 | Lishan (BCC2) |
| Hongkong | 10 | | Tam Mei (BFBS) |
| India | 20 | | Sangli |
| Indonesia | 10 | | Banda Aceh (RRI) |
| Korea, Rep. | 10 | HLKT | Taegu (CBS) |
| New Zealand | 2 | 1ZM | Auckland |
| Philippines | 1 | DWSI | Santiago, Isa. |
| | 1 | DXCB | Butuan C. |
| | 1 | DZMS | Sorsogon, Sor. |
| | 0.25 | | Subic Bay/Cubi (FENP) |

| Country | kW | Call | Location |
|---|---|---|---|
| **1251 kHz** | | | |
| Samoa, W. | 1 | | Auala, Savi'i |
| Thailand | 20 | | Bangkok |
| USSR | 1000 | | Vladivostok, FE (FS) |
| **1260 kHz** | | | |
| Australia | 2 | 3SR | Shepparton |
| | 0.5 | | Biloela (trtr 4CD) (PO 927) |
| | 1 | 6KA | Karratha |
| China, PR | | | LN; Wuxi, JS; (C1) |
| China (Taiwan) | 10 | BEP22 | Taipei (Ching Cha) |
| | | | Putzu (Cheng Sheng) |
| India | 20 | | Ambikapur |
| Japan | 20 | JOIR | Sendai (TBC) |
| Korea, Rep. | 10 | HLKL | Kunsan (KBS) |
| Malaysia | 5 | | Dungun |
| New Zealand | 2 | 3XA | Christchurch (R. Avon) |
| Philippines | 5 | DWMC | Rosales, Pang. |
| | 5 | DYMF | Cebu |
| Thailand | 50 | | Chieng Rai |
| **1269 kHz** | | | |
| Australia | 5 | 2SM | Sydney |
| China, PR | | | SX; FJ (H1) |
| China (Taiwan) | 1 | BEV37 | Taitung (Cheng Sheng) |
| | | | Tungshih (Cheng Sheng) |
| | | | Hualien (Chun Chung) |
| | | | Penghu (Chun Chung) |
| | | | Pingtung (Fushing) |
| India | 20 | | Agartala |
| | 1 | | Jaipur B |
| Japan | 5 | JOHW | Obihiro (HBC) |
| | 5 | JOJR | Tukushima (JRT) |
| Korea, Rep. | 1 | HLSI | Kurye (KBS) |
| | 10 | | Yangju (KBS) |
| Philippines | 1 | DZVX | Daet, Cam. Nte |
| Thailand | 20 | | Songkhla |
| **1270 kHz** | | | |
| Hawaii | 5 | KNDI | Honolulu |
| **1278 kHz** | | | |
| Australia | 5 | 3AW | Melbourne |
| China, PR | 100 | | HEB |
| | | | Xiamen, FJ |
| | | | Daxinganling, HL |
| | | | Nanchang, JX |
| India | 1 | | Lucknow C |
| Japan | 50 | JOFR | Fukuoka (RKB) |
| Korea, Rep. | 1 | HLQV | Hapch'ŏn (KBS) |
| Malaysia | 10 | | Melaka |
| New Zealand | 2 | 2ZC | Napier |
| Philippines | 10 | DZRM | Quezon C, MM |
| Thailand | 20 | | Bangkok |
| USSR | | | Unk, C. Sib. |
| **1280 kHz** | | | |
| China (Taiwan) | 1 | BEC40 | Peitou (Fu Hsing Kang) |
| **1287 kHz** | | | |
| Australia | 2 | 2TM | Tamworth |
| China, PR | 50 | | NX; Fuxin, LN |
| | | | Zhanjiang, GD; (C1) |
| China (Taiwan) | 5 | BEC27 | Taichung (Chun Chung) |
| | | | Fangliao (Min Li) |
| Indonesia | 50 | | Palembang (RRI) |
| Japan | 50 | JOHR | Sapporo (HBC) |
| Korea, Rep. | 10 | HLAF | Kangnŭng (MBC) |
| | 1 | HLAX | Ch'ŏngju (MBC) |
| New Zealand | 2 | 3ZW | Westport (rel. 3ZA) |
| Thailand | 10 | | Chieng Rai |
| | 10 | | U. Ratchathani |
| | 10 | | Uttradit |
| | 10 | | N. Si Thammarat |
| USSR | | | Unk., Kaz. |
| | | | Unk., FE |
| **1296 kHz** | | | |
| China, PR | | | YN (FS); Benxi, LN |
| China (Taiwan) | 10 | BED47 | Tainan (BCC1) |
| | | BEV23 | Taipei (Min Pen) |
| India | 10 | | Darbhanga |
| Japan | 10 | JOTK | Matsue (NHK1) |
| New Zealand | 5 | 1ZH | Hamilton |
| Philippines | 5 | DWPR | Dagupan C, Pang. |
| | 5 | DYJJ | Roxas C. |
| | 1 | DWLQ | Lucena C., Que. |
| Thailand | 10 | | Pattani |

| Country | kW | Call | Location |
|---|---|---|---|
| **1305 kHz** | | | |
| China, PR | | | (C2) synchro |
| India | 10 | | Parbhani |
| Korea, Rep. | 10 | HLSV | Uljin (KBS) (r 1307) |
| Philippines | 5 | DYFX | Cebu C. |
| Sri Lanka | 1 | | Welikada |
| Thailand | 10 | | Bangkok |
| USSR | | | Unk, N. Sib. |
| **1310 kHz** | | | |
| China (Taiwan) | 5 | BEP32 | Hsinying (Ching Cha) |
| Hawaii | 1 | KKAI | Honolulu |
| Malaysia | 20 | | Mersing (AF 1314) |
| **1314 kHz** | | | |
| Australia | 5 | 2WL | Wollongong |
| | 5 | 3BA | Ballarat |
| China, PR | | | JS |
| | | | Xiangfan, HB |
| | | | Chongqing, SC |
| | | | Yjining, XJ (C1) |
| China (Taiwan) | 1 | BEV76 | Chunan (Tien Sheng) |
| | | | Checheng (Fuhsing) |
| India | 10 | | Bhuj |
| | 1 | | Cuttack B |
| Japan | 50 | JOUF | Osaka (OBC) |
| Korea, Rep. | 10 | HLCM | Iri (CBS) |
| Malaysia | 20 | | Mersing (r1310) |
| New Zealand | 2 | 2YW | Gisborne |
| | 2.5 | 1YT | Taupo |
| Philippines | 5 | DXRH | Davao C. |
| | 10 | DWXI | Manila |
| | 0.25 | | Baguio/Wallance (FENP) |
| Thailand | 20 | | Khon Kaen |
| **1320 kHz** | | | |
| Galapagos Is. | 5 | HCVG8 | Isla San Cristobal |
| **1323 kHz** | | | |
| Australia | 5 | 2GO | Gosford (FP 801) |
| | 2 | 5AD | Adelaide (FP 1062) |
| | 0.1 | | Hughenden (trtr 4GC) |
| China, PR | | | Baicheng, JL |
| | | | Changsha, HN |
| | | | Ningbo, ZJ |
| | | | Xian, SN |
| | | | XZ (FS) |
| China (Taiwan) | 1 | BEV45 | Taipei (TBC) |
| Fiji | 2.5 | | Rakiraki |
| India | 20 | | Calcutta C |
| Japan | 0.1 | | 2 sts (NHK1) |
| Korea, Rep. | 1 | HLQJ | Yŏnggwang (KBS) |
| | 1 | HLCU | Ullŭng (KBS) |
| Nauru I. | 0.2 | C2AM | Nauru |
| New Zealand | 2 | 3ZM | Christchurch |
| Philippines | 1 | DYOO | Iloilo C. |
| | 0.25 | DZRK | Kalinga Apayao |
| Thailand | 10 | | Chieng Mai |
| | 10 | | Songkhla |
| | 1 | | N. Pathom |
| | 10 | | N. Surat Thani |
| USSR | | | Unk., C. Asia |
| **1332 kHz** | | | |
| Australia | 2 | 3SH | Swan Hill |
| | 5 | 4BU | Bundaberg |
| China, PR | | | GX; HEN; JX |
| | | | Fuzhou, FJ |
| | | | Gannan, GS |
| | | | Changchun, JL |
| China (Taiwan) | 1 | BEC36 | Tsaoying (Chun Chung) |
| | | | Puli (TBC) |
| India | 0.25 | | Tezu |
| | 1 | | Mangalore |
| Indonesia | 10 | | Jakarta (RRI) |
| Japan | 50 | JOSF | Nagoya (Tokai R.) |
| Korea, Rep. | 10 | HLAO | Ch'ungju (MBC) |
| New Zealand | 5 | 1XI | Auckland (R.I) |
| Philippines | 2 | DWAR | Cabanatuan, Nva. Ecija |
| | 1 | DZKI | Iriga C., Cam. Sur |
| Thailand | 10 | | Bangkok |
| USSR | 30 | | Alma Ata, Kaz. |
| **1334 kHz** | | | |
| Indonesia | | | Unid (r) |
| **1336 kHz** | | | |
| Indonesia | | | Tanjang Karang (RRI) (r) |

| Country | kW | Call | Location |
|---|---|---|---|
| **1340 kHz** | | | |
| China (Taiwan) | | BEC48 | Matsu (Kuang Hua) |
| **1341 kHz** | | | |
| Australia | 5 | 2NX | Newcastle |
| | 5 | 3GL | Geelong |
| China, PR | | | GD (FS); HL |
| China (Taiwan) | | | Toucheng (Cheng Sheng) |
| | | | Ilan (Cheng Sheng) (r) |
| India | 1 | | Kohima B |
| Indonesia | 5 | | Tanjung Pinang |
| Japan | 0.1 | | 21 sts (NHK1) |
| Korea, Rep. | 10 | | Gimpo (KBS) |
| New Zealand | 2 | 2ZN | Nelson |
| Pakistan | 10 | | Bahawalpur |
| Philippines | 5 | DYRL | Bacolod, Neg. Occ. |
| | 1 | DZYS | Santiago, Isa. |
| Thailand | 50 | | Ubon Ratchathani |
| | 10 | | Loei |
| | 10 | | Pang Nga |
| USSR | 25 | | Ft. Shevchenko, Kaz. |
| **1350 kHz** | | | |
| Australia | 5 | 2LF | Young |
| China, P.R. | | | Zhelimu (Tongliao), NM |
| | | | Lianyungang, JS |
| | | | JX; YN; (C1) |
| China (Taiwan) | 10 | BED63 | Chiayi (BCC1) |
| India | 1 | | Dharwad B/Jullundur C |
| Japan | 20 | JOER | Hiroshima (RCC) |
| Korea, Rep. | 1 | HLAQ | Samch'ŏk (MBC) |
| Mongolia | 150 | | Dalanzadgad |
| New Zealand | 2 | 1ZC | Rotorua |
| Philippines | 10 | DZXQ | Manila |
| Thailand | 10 | | Lampang |
| | 10 | | Trang |
| **1359 kHz** | | | |
| China, PR | | | (C1) Synchro |
| China (Taiwan) | 10 | BED23 | Taichung (BCC3/Chiao Yu) |
| | 1 | BEC33 | Hualien (Chun Chung) |
| | 1 | BEV50 | Sanchung (Chung Hua) |
| | | | Taitung (Fuhsing) (r) |
| India | 20 | | Bhadravathi |
| Japan | 0.1 | | 26 sts (NHK2) |
| Korea, Rep. | 1 | | Osan (AFKN) |
| New Zealand | 1 | 4XC | Queenstown (rel. 4XO) |
| | 0.1 | 4XE | Wanaka (rel. 4XO) |
| Philippines | 1 | DYMR | Cebu C. |
| | 1 | DZYR | S. Fernando, LU |
| Samoa, W. | 1 | 2AP | Taga, Savi'i |
| Thailand | 10 | | Bangkok |
| | 10 | | Kalsin |
| USSR | | | Unk, C. Sib. |
| **1360 kHz** | | | |
| Kampuchea | | | Phnom Penh (FS) |
| **1368 kHz** | | | |
| Australia | 2 | 2GN | Goulburn |
| | 2 | 4LM | Mt. Isa |
| China, PR | | | Jixi, HL |
| | | | Xilingol (Xilinhot), NM |
| | | | FJ |
| India | 10 | | Delhi C |
| Japan | 5 | JOHP | Takamatsu (NHK1) |
| | 1 | JOJP | Tsuruoka (NHK1) |
| | 1 | JOLG | Tottori (NHK1) |
| | 0.1 | | 6 sts (NHK1) |
| Korea, Rep. | 1 | HLKO | Muju (KBS) |
| Philippines | 2.5 | DWAM | Batangas C., Btgas |
| | 1 | DZRA | Virac, Catanduanes |
| | 5 | DXKO | Cagayan de Oro, Mis. Or. |
| | 5 | DZBS | Baguio C., Benguet |
| Singapore | 50 | | Singapore |
| Thailand | 50 | | Nan |
| | 1 | | Chumporn |
| USSR | 500 | | Novosibirsk, Sib. |
| **1370 kHz** | | | |
| Laos | 10 | | Pakse |
| **1377 kHz** | | | |
| Australia | 5 | 3MP | Mornington |
| China, PR | | | Qingdao, SD; FJ (H2) |
| China (Taiwan) | | | Chihsan (Cheng Sheng) |
| | 0.1 | BED41 | Chengkung (BCC1) |
| | | | 3 sts (Fu Hsing) |

| Country | kW | Call | Location |
|---|---|---|---|
| **1377 kHz** | | | |
| China (Taiwan) | | BEV70 | Taipei (Hua Sheng) |
| India | 10 | | Hyderabad B |
| Japan | 5 | JOUC | Yamaguchi (NHK2) |
| | 1 | JOTZ | Hachinohe (NHK2) |
| | 1 | JOAC | Nagasaki (NHK2) |
| Pakistan | 10 | | Peshawar II |
| Philippines | 1 | DXKP | Pagadian C., Zamb. Sur |
| | 1 | DYVR | Roxas C., Capiz (r 5kW) |
| Thailand | 10 | | Phitsanulok |
| USSR | 30 | | Vladivostok, FE |
| **1380 kHz** | | | |
| Hawaii | 5 | KLNI | Pearl City |
| **1386 kHz** | | | |
| Australia | 5 | 2EA | Sydney |
| | 5 | 5AA | Adelaide |
| China, PR | | | FJ; TJ |
| China (Taiwan) | 3.5 | BED87 | Hsinchu (BCC3/Chiao Yu) |
| | 3.5 | BED74 | Yuli (BCC2) |
| | 0.1 | BEG36 | Hehuanshan (BCC2) |
| | 1 | BEV36 | Peikang (Cheng Sheng) |
| | | | (v to 1390) |
| India | 10 | | Gwalior |
| Japan | 10 | JOQC | Morioka (NHK2) |
| | 10 | JOJB | Kanazawa (NHK2) |
| | 10 | JOHC | Kagoshima (NHK2) |
| | 5 | JOKB | Okayama (NHK2) |
| Korea, Rep. | 10 | HLAM | Mokp'o (MBC) |
| New Zealand | 0.1 | 1ZT | Turangi (rel. 1ZA) |
| Philippines | 10 | DWKW | Quezon C., MM |
| | 5 | DXCR | Malaybalay, Buk. |
| Solomon Isl. | 5 | | Lata, Sta. Cruz I. |
| Thailand | 20 | | Bangkok |
| **1395 kHz** | | | |
| Australia | 5 | 2LT | Lithgow (FP: 900) |
| | | 2LG | Lithgow (PO 1485) |
| China, PR | | | AH; FJ |
| India | 10 | | Bikaner |
| | 1 | | Madras B |
| Japan | 1 | JOWE | Aizuwakamatsu (PO 1062) |
| Korea, Rep. | 10 | HLCO | Ch'ŏlwŏn (KBS) |
| Mongolia | 5? | | Barunurt? |
| New Zealand | 2 | 4ZW | Oamaru |
| Philippines | 1 | DZMG | Solano, Nva. Visc. |
| | 0.25 | DZFT | Legaspi C, Albay |
| Thailand | 25 | | Chieng Rai |
| **1400 kHz** | | | |
| China (Taiwan) | 5 | BEV78 | Keelung (Yi Shi) |
| | 1 | BEV98 | Kaohsiung (K. Chih Sheng)? |
| | | | (Cheng Kung) (r) |
| Philippines | 1 | DZOR | Olongapo (AF1404) |
| **1404 kHz** | | | |
| Australia | 2 | 2PK | Parkes |
| China, PR | | | FJ; HB; ZJ |
| | | | Dandong, LN; (C1) |
| China (Taiwan) | 10 | BED65 | Ilan (BCC1) |
| Cocos Is. | 0.1 | VKW | Keeling |
| India | 10 | | Gangtok, Sikkim |
| Japan | 5 | JOVR | Shizuoka (SBS) |
| | 1 | | Hamamatsu (SBS) |
| | 0.1 | | Gotomba (SBS) |
| | 5 | JOQL | Kushiro (HBC) |
| Korea, Rep. | 10 | HLKP | Pusan (CBS) |
| New Zealand | 0.25 | 1XB | Auckland (Campus R.) |
| | 1 | 1XK | Paihia (R. Waves) |
| | 0.2 | 1XS | Waiheke I. |
| Pakistan | 10 | | Dera Ismail Khan |
| Philippines | 5 | DYKB | Bacolod, Neg. Occ. |
| | 1 | DZOR | Olongapo C., Zamb. (r 1400) |
| Samoa, W. | 10 | 2AP | Apia (FP 747 kHz) |
| Thailand | 10 | | Yaso Thon |
| USSR | 5 | | Naryn, Kir. |
| **1413 kHz** | | | |
| Australia | 5 | 2KO | Newcastle |
| Bangladesh | 10 | | Comilla |
| China, PR | | | JS; XJ; Hegang, HL |
| China (Taiwan) | 10 | BED54 | Miaoli (BCC1) |
| | 1 | BED67 | Puli (BCC1) |
| | 3.5 | BED80 | Taitung (BCC3/Chiao Yu) |
| Japan | 50 | JOIF | Fukuoka (KBC) |
| New Zealand | 2 | 1ZO | Tokoroa |

| Country | kW | Call | Location |
|---|---|---|---|
| **1413 kHz** | | | |
| Philippines | 10 | DXAM | Davao C. |
| Thailand | 10 | | Bangkok |
| **1420 kHz** | | | |
| Hawaii | 5 | KCCN | Honolulu |
| **1422 kHz** | | | |
| Australia | 5 | 3XY | Melbourne |
| China, PR | | | FJ; HEN; SH |
| | | | Zigong, SC |
| | | | Taiyuan, SX |
| China (Taiwan) | | | Kuanyin (Chien Kuo) |
| Christmas I. | 0.25 | VLU2 | Phosphate Hill |
| India | 1 | | Rajkot B |
| Japan | 50 | JORF | Yokohama (R. Nippon) |
| Philippines | 5 | DZEM | Quezon C, MM (r1423v) |
| | 5 | DXMU | Musuan, Buk. |
| Thailand | 10 | | Phitsanulok |
| USSR | | | Unk., C. Sib. |
| **1430 kHz** | | | |
| China (Taiwan) | | BEC73 | Chingshui (Kung Chun) |
| **1431 kHz** | | | |
| Australia | 2 | 2WN | Wollongong (ABC3) |
| China P.R. | | | ZJ |
| | | | Hulun Bei'er (Hailar), NM |
| | | | FJ (T2) |
| India | 1 | | Calicut B/Chandigarh |
| Japan | 5 | JOVF | Wakayama (WBC) |
| | 5 | JOZF | Gifu (GBS) |
| | 1 | JOWW | Iwaki (RFC) |
| | 1 | | Fukue (WBC) |
| | 1 | JOHL | Tottori (PO 1485) |
| | 1 | | Izumo (BSS) (PO 900) |
| | 0.1 | | 4 sts (Comm.) |
| New Zealand | 1 | 4XD | Dunedin (Highcliff) |
| Philippines | 1 | DYRS | San Carlos, Neg. Occ. |
| Thailand | 20 | | Songkhla |
| USSR | 50 | | Osh/Przhevalsk, Kir. |
| **1440 kHz** | | | |
| China, PR | | | GX; SD; Nantong, JS |
| | | | Chifeng, NM; (C2) |
| China (Taiwan) | 10 | BEC60 | Taipei (Kung Chun) |
| India | 1 | | Ahmedabad B |
| | 1 | | Pt. Blair B (Andamanes) |
| Japan | 50 | JOWF | Sapporo (STV) |
| | 1 | | 2 sts (STV) (FP) |
| | 0.1 | | 1 st (STV) |
| Korea, Rep. | 1-0.25 | | 3 sts (AFKN) |
| Pakistan | 10 | | Gilgit, Azad Kashmir |
| Philippines | 5 | DZDL | Dagupan C., Pang. |
| | 5 | DZOM | Calapan, M. Ind. Or. |
| Thailand | 10 | | Samut Sakhon |
| | 10 | | N. Phanom |
| | | | Nan |
| **1445 kHz** | | | |
| Malaysia | 1 | | Butterworth (RAAF) |
| **1449 kHz** | | | |
| Australia | 5 | 2MG | Mudgee |
| China, PR | | | JX (r 1445) |
| | | | Shashi, HB |
| | | | Changchun, JL |
| | | | Xuzhou, JS |
| China (Taiwan) | 10 | BED48 | Kaohsiung (BCC3/Chao Yu) |
| | 0.1 | | 8 sts (BCC) |
| India | 1 | | Kanpur |
| Japan | 5 | JOKF | Takamatsu (RNC) |
| | 5 | JOQM | Abashiri (HBC) |
| | 1 | | Shoubara (RCC) |
| Korea, Rep. | 10 | HLQB | Ulsan (KBS) |
| Micronesia | 10 | WSZD | Ponape |
| New Zealand | 2 | 2YM | Palmerston No. |
| Philippines | 1 | DYAC | Baybay, Leyte |
| Thailand | 5 | | Lopburi |
| **1458 kHz** | | | |
| Australia | 0.1 | | Cloncurry (trtr 4LM) |
| | 2 | 5MU | Murray Bridge |
| China, PR | | | NM (Mongol + FS) |
| | | | JL |
| India | 10 | | Bhagalpur |
| Japan | 1 | JOUO | Saga (NBC) |
| | 1 | JOYL | Tsuchiura (IBS) |
| | 1 | JOWR | Fukushima (RFC) |

| Country | kW | Call | Location |
|---|---|---|---|
| **1458 kHz** | | | |
| Japan | 0.1 | | 3 sts (Comm.) |
| Korea, Rep. | 1 | HLSH/ST | Hamyang/Ponghwa (KBS) |
| Maldives | 5 | | Malé |
| New Zealand | 0.4 | 3YW | Greymouth (rptr) |
| Philippines | 5/250 | DWRF | Iba, Zamb. |
| Thailand | 20 | | Phuket |
| | 10 | | Sri Saket |
| USSR | 15 | | Arkalyk, Kaz |
| | | | Unk, E. Sib. |
| **1460 kHz** | | | |
| China (Taiwan) | 10 | BED85 | Taipei (BCC3/Chiao Yu) |
| **1467 kHz** | | | |
| Australia | 2 | 3MA | Mildura |
| China, PR | | | FJ; HEB |
| China (Taiwan) | 10 | BED81 | Hualien (BCC3/Chiao Yu) |
| | 10 | BED82 | Chiayi (BCC3/Chiao Yu) |
| | 1 | BED29 | Jiyuetan (BCC1) |
| Fiji | 2.5 | | Rakiraki |
| India | 20 | | Jeypur |
| Japan | 1 | | 5 sts (NHK2) |
| | 0.5-0.1 | | 5 sts (NHK2) |
| Korea, Rep. | 50 | HLKN | Yŏnggam (KBS) |
| Thailand | 100 | | Bangkok |
| USSR | 30 | | Frunze, Kir. |
| | 15 | | Osh, Kir. |
| **1470 kHz** | | | |
| China (Taiwan) | | BEC47 | Kinmen (Kuang Hua) |
| **1476 kHz** | | | |
| Australia | 0.5 | | Penrith (trtr 2KA) |
| | 2 | 4ZR | Roma |
| China, PR | | | BJ; ZJ |
| | | | Huangshi, HB |
| | | | Xing'an, NM; (C2) |
| China (Taiwan) | 10 | BEC74 | Taichung (Kung Chun) |
| | | | Taipei (Shih Cheng) |
| | | | 5 sts (Fuhsing) |
| India | 1 | | Jaipur A |
| Japan | 1 | | Iida (NHK2) |
| | 0.1 | | Ozu (NHK2) |
| Malaysia | 700 | | Kota Kinabalu, Sabah (r 1475) |
| New Zealand | 5 | 1XA | Auckland (R. Hauraki) |
| Pakistan | 10 | | Faisalabad |
| Philippines | 1 | DWRB | Lipa C., Btgas |
| | 1 | DZYA | Angeles C, Pamp. |
| Thailand | 100 | | Chiengmai |
| USSR | 150 | | Vladivostok, FE (FS) |
| **1485 kHz (Low-power ch.)** | | | |
| Australia | 0.1 | | Wollongong (trtr 2EA) |
| | 0.2 | 2LG | Lithgow (ABC3) (FP 1395) |
| | 0.05 | 4HU | Hughenden (ABC3) |
| | 0.2 | 5LN | Port Lincoln (ABC3) |
| Br.Ind.Oc.Terr. | 0.25 | | Diego Garcia (AFRTS) |
| China, PR | | | GS; HN; JL; JS; SD; ZJ |
| | | | Bengbu, AH |
| | | | Wuzhou, GX |
| | | | Pingdingshan, HEN |
| | | | Kaifeng, HEN |
| India | 1 | | Allahabad B/Bhopal A |
| | | | Baroda |
| Japan | 1 | JOGO | Hachinohe (RAB) |
| | 1 | JOPL | Hagi (KRY) |
| | 0.1 | | 22 sts (Comm.) |
| Korea, Rep. | 1 | HLQU | Kohŭng (KBS) |
| | 1 | HLQS | Kongju (KBS) |
| Micronesia | 10 | WSZA | Yap |
| New Zealand | 0.1 | 3ZO | Twizel (rel. 3ZC) |
| Pakistan | 10 | | Khuzdar |
| Philippines | 1 | DYKR | Kalibo, Aklan (r 1486) |
| Sri Lanka | 1 | | Mahiyangana |
| Thailand | 1 | | 4 sts |
| USSR | | | Unk, E. Sib. |
| Wake I. | 0.5 | KEAD | Wake (AFRTS) |
| **1494 kHz** | | | |
| Australia | 2 | 2AY | Albury |
| China, PR | | | AH; FJ; HEN; SX; XJ |
| | | | Wuhu, AH |
| | | | Hengyang, HN |
| | | | Jilin-shi, JL |

| Country | kW | Call | Location |
|---|---|---|---|
| **1494 kHz** | | | |
| China (Taiwan) | 3.5 | BEG32 | Taipei (Chiao Yu) |
| | | BEG34 | Changhua (Chiao Yu) |
| India | 1 | | Trivandrum B |
| Japan | 1 | JOTL | Nayoro (HBC) |
| | 5 | JOYR | Okayama (RSK) |
| | 1-0.1 | | 6 sts (RSK) |
| Lord Howe I. | 0.1 | | Lord Howe |
| New Zealand | 2 | 1ZA | Taupo |
| Papua N.Guinea | 10 | | Wabag |
| Philippines | 1 | DXOC | Ozamis C., Mis.Occ. |
| | 10 | DWCJ | Makati, MM |
| Thailand | 25 | | Bangkok |
| **1500 kHz** | | | |
| Hawaii | 10 | KUMU | Honolulu |
| **1503 kHz** | | | |
| Australia | 5 | 2BS | Bathurst |
| | 5 | 3AK | Melbourne |
| China, PR | | | NM; ZJ |
| | | | Xiangtan, HN |
| | | | Liaoyang, LN |
| | | | Wulanchabo (Ulanhot), NM |
| China (Taiwan) | 0.1 | BED64 | Hehuanshan (BCC1) |
| | 1 | BED83 | Mobile (BCC1) |
| India | 1 | | Srinagar C/Wijayawada B |
| Japan | 10 | JOUK | Akita (NHK1) |
| | 1 | | Aso (NHK1) |
| Korea, Rep. | 1 | HLSK | Kimch'on (KBS) |
| New Zealand | 2 | 3XG | Christchurch (R. Rhema) |
| | 5 | 2XG | Wellington (rel. 3XG) |
| Thailand | 20 | | Khon Kaen |
| | 10 | | Surat Thani |
| | 10 | | Sakon Nakhon |
| USSR | 5 | | Dushanbé, Tad. |
| | | | Kzyl Orda, Kaz. |
| **1512 kHz** | | | |
| Australia | 10 | 2NA | Newcastle (ABC2) |
| China, PR | | | NM; SN |
| | | | Chifeng, NM |
| | | | Hulun Bei'er (Hailar), NM |
| | | | FJ (T1) |
| China (Taiwan) | 10 | BEP27 | Taipei (Ching Cha) (r 1503) |
| | | | 8 sts (Fuhsing) |
| Japan | 5 | JOZB | Matsuyama (NHK2) |
| | 1 | JOCD/SC | Koriyama/Matsumoto (NHK2) |
| | 0.5 | | 5 sts (NHK2) |
| Korea, Rep. | 0.25-0.1 | | 4 sts (AFKN) |
| New Zealand | 1 | 1ZU | Taumarunui |
| Pakistan | 10 | | Muzaffarabad, Azad Kashm (r 1510) |
| Philippines | 0.25 | | Clark (Angeles C., Pamp) (FENP) |
| | 0.25 | | S. Antonio, Zamb. (FENP) |
| Thailand | 10 | | Suphanburi |
| | 10 | | Pha Yao |
| | 10 | | Surin |
| **1518 kHz** | | | |
| China, PR | | | Xian, SI |
| **1520 kHz** | | | |
| China (Taiwan) | 1 | BEG41 | Mobile (BCC2) |
| **1521 kHz** | | | |
| Australia | 5 | 2QN | Deniliquin |
| China, PR | | | Yining, XJ (FS) |
| | | | Yichang, HB; JS |
| China (Taiwan) | | | Luchiang (CBS) |
| India | 1 | | Aurangabad |
| | 0.5 | | Tawang |
| Japan | 1 | | 7 sts (NHK2) |
| | 0.1 | | 4 sts (NHK2) |
| New Zealand | 0.1 | 3YR | Reefton (rptr) |
| Philippines | 5 | DYWB | Bacolod, Neg. Occ. |
| Thailand | 25 | | Bangkok |
| **1530 kHz** | | | |
| Australia | 2 | 2VM | Moree |
| China, PR | | | JL; NM; SX; ZJ |
| | | | Changchun, JL |
| China (Taiwan) | 1 | BEG37 | Mobile (BCC2) |
| India | 1 | | Mathura |
| Japan | 1 | JODO | Joetsu (BSN) |
| | 1 | JOAM | Uwajima (RNB) |

| Country | kW | Call | Location |
|---|---|---|---|
| **1530 kHz** | | | |
| Japan | 5 | JOXF | Utsunomiya (CRT) |
| | 1 | | Goshouva (RKK) |
| | 0.1 | | 2 sts (Comm.) |
| New Zealand | 2 | 2YP | New Plymouth |
| Philippines | 10 | DZME | Quezon C., MM |
| Thailand | 10 | | Uttaradit |
| | 10 | | Chanthaburi |
| **1539 kHz** | | | |
| China, PR | | | Guilin, GX |
| | | | FJ (H2) |
| China (Taiwan) | 10 | BED78 | Tainan (BCC3/Chiao Yu) |
| | | | 7 sts (Fuhsing) |
| India | 5 | | Panaji (Goa) B |
| Japan | 0.1 | | 19 sts (NHK2) |
| Korea, Rep. | 1 | HLQC | Kosan (KBS) |
| New Zealand | 1 | 2ZE | Blenheim |
| | 0.1 | 2ZF | Picton (rel. 2ZE) |
| Philippines | 1 | DZYM | San José, Mind. Occ. |
| Thailand | 10 | | Udon Thani |
| USSR | | | Samarkand, Uz. |
| **1540 kHz** | | | |
| Hawaii | 5 | KISA | Honolulu |
| **1548 kHz** | | | |
| Australia | 50 | 4QD | Emerald (ABC3) |
| China, PR | | | SD |
| China (Taiwan) | 10 | | Taipei (ICRT) |
| Sri Lanka | 600 | | Trincomalee (DW relay) |
| Thailand | 10 | | Bangkok |
| USSR | 20 | | Taldy Kurgan, Kaz. |
| **1553 kHz** | | | |
| Indonesia | | | Menado (RRI) (r) |
| **1557 kHz** | | | |
| Australia | 2 | 2RE | Taree |
| China, PR | | | Cangzhou, HEB |
| Japan | 0.1 | | 18 sts (Comm.) |
| New Zealand | 2 | 2ZH | Hawera (rel. 2ZP) |
| Pakistan | 10 | | Skardu, Azad Kashmir |
| Philippines | 2.5 | DWGO | Olongapo C. |
| Thailand | 10 | | Phetchaboon |
| **1566 kHz** | | | |
| Australia | 5 | 3NE | Wangaratta |
| | 0.2 | 4GM | Gympie (ABC3) |
| China, PR | | | HEB |
| Korea, Rep. | 250 | HLAZ | Cheju (FEBC) |
| Norfolk I. | 0.05 | VL2NI | Kingston |
| Philippines | 10 | DZHH | Pasay C, MM |
| | | | (r 1570) |
| | | | (Time-share) |
| | 1 | DZUP | Quezon C, MM |
| USSR | | | Unk., FE |
| **1570 kHz** | | | |
| China (Taiwan) | 10 | | Taichung (ICRT) |
| **1575 kHz** | | | |
| Australia | 5 | 2OO | Wollongong |
| China, PR | | | Wenzhou, ZJ |
| China (Taiwan) | | | Taipei (Yu Shih) |
| Japan | 1 | | Iwakuni (FEN) |
| | 0.25 | | Misawa Sasebo (FEN) |
| Thailand | 1000 | | Ban Pachi (Ayutthaya) |
| USSR | 10 | | Semipalatinsk, Kaz. |
| | 5 | | Yuzhno-Sakhalinsk, FE |
| **1584 kHz (Low-power ch.)** | | | |
| Australia | 0.1 | | Newcastle (trtr 2EA) |
| | 0.2 | | Narooma (trtr 2BE) |
| | 0.1 | 2WA | Wilcannia (ABC3) |
| | 0.2 | | Cunnamulla (trtr 4VL) |

| Country | kW | Call | Location |
|---|---|---|---|
| **1584 kHz** | | | |
| | 0.2 | 5MG | Mt. Gambier (ABC3) |
| | 0.05 | 5WM | Woomera (ABC3) |
| | 0.1 | 7SH | St. Helens (ABC3) |
| Belau | 5 | WSZB | Koror (FP 10 kW) |
| China, PR | | | HB; HEN; NM |
| | | | Anqing, AH |
| | | | Guangzhou, GD |
| | | | Datong, SX |
| India | 1 | | Indore B |
| Japan | 0.1-0.05 | | 25 sts (NHK1) |
| Korea, Rep. | 1 | HLDK | Tanyang (KBS) |
| | 1 | HLQZ | Kŭmsan (KBS) |
| | 1 | | Sanch'ŏng (KBS) |
| Micronesia | 1 | WTFL | Kosrae |
| Thailand | 2 | | Chieng Mai |
| | 1 | | 4 sts |
| **1585 kHz** | | | |
| Pakistan | 0.25 | | Turbat |
| **1593 kHz** | | | |
| Australia | 0.2 | 4SO | Southport (ABC3) |
| | 2 | 5MV | Renmark (ABC3) |
| China, PR | | | HL; XJ |
| | | | Zhenjiang, JS |
| China (Taiwan) | | | Taichung (Fuhsing) |
| Japan | 10 | JOQB | Niigata (NHK2) |
| | 10 | JOTB | Matsue (NHK2) |
| Micronesia | 5 | WSZC | Moen, Truk |
| New Zealand | 5 | 1XP | Auckland (R. Pacific) |
| Papua N.Guinea | 10 | | Vanimo |
| Thailand | 10 | | Ranong |
| USSR | 5 | | Dushanbé, Tad. |
| | 5 | | Unk., FE |
| **1600 kHz** | | | |
| Hawaii | 5 | KHNL | Honolulu (CP) |
| **1602 kHz (Low-power ch.)** | | | |
| Australia | 0.05 | 2CP | Cooma (ABC3) |
| | 0.2 | 3WL | Warrnambool (ABC3) |
| | 0.5 | 5LC | Leigh Creek South (ABC3) |
| China, PR | | | HN; JS |
| | | | Tieling, LN |
| India | 1 | | 4 sts (B) |
| Japan | 1 | | 9 sts (NHK2) |
| | 0.1 | | 17 sts (NHK2) |
| Korea, Rep. | 1 | HLQE | Sabuk (KBS) |
| Sri Lanka | 1 | | Mahiyangana |
| Thailand | 10 | | Songkhla |
| | 10 | | Buriram |
| | | | N. Si Thammarat |
| | 10 | | Ratchaburi |
| **1620 kHz** | | | |
| Australia | 0.5 | 1RPH | Canberra |
| | 0.5 | 4RPH | Brisbane |
| | 0.5 | 7RPH | Hobart |
| China, PR | | | Hangzhou, Z |
| **1629 kHz** | | | |
| Australia | 0.5 | 2RPH | Sydney |
| | 0.5 | 3RPH | Melbourne |
| **1690 kHz** | | | |
| China (Taiwan) | 3 | | Kaohsiung (Fishery BS) |
| **1692 kHz** | | | |
| Australia | 0.3 | VL2UV | Sydney (Kensington) |
| **1700 kHz** | | | |
| China (Taiwan) | | | Keelung (Fishery & Weather BS) |
| **1720 kHz** | | | |
| Australia | 0.2 | | Kensington (trtr VL2UV) |

# NORTH AMERICA (excl Mexico)

**Explanation of listing:—**
**FIRST COLUMN**—Call letters and location are required identifications for US and Canadian sts.

**SECOND COLUMN**—In addition to the official Post Office abbreviations for US states, and Canadian provinces, certain geographical, city and town names have been abbreviated. These include: Bch.—Beach; Cy.—City; E.—East; Ft.—Fort; Hts.—Heights; Mt.—Mount; Mtn.—Mountain; No.—North; Pk.—Park; So.—South; Spgs.—Springs; St.—Saint; Ty.—Territory; and W.—West. For USA st's the state abbreviation is followed by the Post Office zip code.

**THIRD COLUMN**—A daytime station listed with two powers uses the second one during critical hours (cf. D and U6 below).

**FOURTH COLUMN**—Contains authorized operating hours and directional antenna information. The symbols mean as follows: **D** is daytime operation (between local sunrise and local sunset), **D1** without directional antenna, **D3** with directional antenna, **D4** with directional antenna during critical hours only, **D5** with directional antenna except during critical hours, **D6** with directional antenna, different patterns during critical and non-critical hours. **L** is limited time, and means a st. West of the dominant st. can operate from as early as sunrise at the dominant sts location; A st. East of the dominant st. can operate as late as the dominant sts sunset. Number indicates directional pattern as under "U" below. **SH** equals "Specified Hours" and usually means a st. that would normally operate unlimited time files a schedule of reduced hours with the FCC because of economic factors. **ST** means "Shares Time". This usually finds a college, university, or church st. on the air two or three hours a day, during which time the commercial st. signs off. **U** means the st. is authorized to operate any time up to 24 hours a day. **U1** means without directional antenna; **U2** means with directional antenna at night; **U3** means directional antenna, same pattern, day and night; **U4** means directional antenna, different pattern day and night; **U5** means directional antenna daytime, non-directional at night; **U6** means directional antenna at night and during critical hours (until two hours after sunrise and from two hours before sunset). **U7** means different directional patterns for day, critical hours and night. **U8** as U7 but non-directional day. **U9** means directional day and night (different patterns), but non-directional during critical hours (usually on reduced power).

**FIFTH COLUMN**—Gives an indication of transmission times as follows: **NH** normal hours, usually from 18 to 20h a day. **AN** all night transmission, i.e. 24h a day most days. **AN7** continuous transmission. **AN6** 24h six days a week, off a few hours during the early morning local time on the seventh day for maintenance, usually Sun or Mon morning. **AN5** off both Sun and Mon morning, etc. **D** daytime, i.e. local sunrise to sunset only. **D*** 0600 local time to local sunset, but with low power (from a few watts to a maximum of 500 watts) before local sunrise if sunrise is later than 0600 (A similiar extension of evening hours has been approved). **SH** specified hours as fourth column; or special hours, i.e. less than NH, often with breaks during the day.

**SCOPE**—Because of the vast number of stations in operation in North America it has been found necessary to limit the scope of this list. Omitted from the list are all stations below 1kW, and all USA daytime stations below 5kW, further all USA stations on the local channels (1230, 1240, 1340, 1400, 1450, 1490kHz), which stations generally operate with 1kW. For each frequency the number of omitted low power **(lp)** stations is mentioned. Full details of these stations may be obtained from specialized listings (eg. NRC Domestic log, Vane Jones log).

**ADDRESSES**—For USA stations not listed elsewhere in this book, city, state and zip code as listed below will do. In some cases the address location differs from the licence location. The address location is always shown together with the zip code for US stations. Where necessary for the sake of clarity a differing licence location is shown seperately with the address within brackets (Addr: ...).

**CONSTRUCTION PERMITS:** These are included as soon as they have been granted. Some will not yet have come into effect at the WRTH publication date. Where a frequency change is involved the station may be shown on both frequencies during a transition period. Some changes, especially of call letters, occur at short notice, while changes requiring the installation of new equipment will take a longer time.

**540kHz**

| | | | | |
|---|---|---|---|---|
| WGTO | Cypress Gardens, FL 33880 | 50/1 | U4 | AN6 |
| WDAK | Columbus, GA 31994 | 5/0.5 | U2 | AN6 |
| KWMT | Fort Dodge, IA 50501 | 5 | D3 | D |
| KNOE | Monroe, LA 71201 | 5/1 | U4 | AN7 |
| KNMX | Las Vegas, NM 87701 | 5 | D3 | D |
| WETC | Wendell, NC 27591 | 5 | D3 | D |
| C. . . | Vancouver, B.C. | 50 | U4 | |
| CBT | Grand Falls, NF | 10 | U1 | NH |
| CBEF | Windsor, ON | 2.5/5 | U3 | AN |
| CBGA1 | New Carlisle, PQ | 10 | U4 | NH |
| CJSB | Ottawa, ON | 50/10 | U | |
| CKCY | Sault Ste. Marie, ON | 15/2.5 | U | AN7 |
| CBK | Watrous, SK | 50 | U1 | NH |

+lp: USA 9/Can 8

**550kHz**

| | | | | |
|---|---|---|---|---|
| KENI | Anchorage, AK 99510 | 5 | U1 | AN7 |
| KOY | Phoenix, AZ 85004 | 5/1 | U1 | AN7 |
| KWZZ | Bakersfield, CA 93306 | 1 | U2 | AN7 |
| KRAI | Craig, CO 81625 | 5/0.5 | U2 | AN7 |
| WDUN | Gainesville, GA 30501 | 5/2.5 | U2 | NH |
| KFRM | Salina, KS 67401 | 5 | D3 | D |
| WCBI | Columbus, MS 39701 | 1/0.5 | U4 | AN |
| KUSA | St. Louis, MO 63132 | 5 | U2 | AN7 |
| KBOW | Butte, MT 59701 | 5/1 | U2 | AN7 |
| WGR | Buffalo, NY 14202 | 5 | U2 | AN7 |
| KFYR | Bismarck, ND 58501 | 5 | U2 | AN6 |
| WKRC | Cincinnati, OH 45219 | 5/1 | U4 | AN7 |
| KOAC | Corvallis, OR 97331 | 5 | U4 | NH |
| WHLM | Bloomsburg, PA 17815 | 1 | U4 | NH |

**550kHz**

| | | | | |
|---|---|---|---|---|
| WGNG | Pawtucket, RI 02860 | 1/0.5 | U2 | AN7 |
| KCRS | Midland, TX 79701 | 5/1 | U4 | AN |
| KTSA | San Antonio, TX 78218 | 5 | U2 | AN7 |
| WDEV | Waterbury, VT 05676 | 5/1 | U4 | NH |
| WSVA | Harrisonburg, VA 22801 | 5/1 | U2 | AN |
| KARI | Blaine, WA 98230 | 5/2.5 | U4 | AN7 |
| WSAU | Wausau, WI 54401 | 5 | U4 | AN7 |
| CFJC | Kamloops, BC | 25/5 | U4 | AN |
| CKPG | Prince George, BC | 10 | U2 | AN7 |
| CFNB | Fredericton, NB | 50 | U4 | AN7 |
| CHNO | Sudbury, ON | 10 | U4 | AN |
| CHLN | Trois-Rivières, PQ | 10/5 | U4 | AN7 |

+lp: USA 3

**560kHz**

| | | | | |
|---|---|---|---|---|
| WOOF | Dothan, AL 36301 | 5 | D1 | D* |
| KVOK | Kodiak, AK 99615 | 1 | U1 | NH |
| KBLU | Yuma, AZ 85364 | 1 | U2 | AN |
| KYA | San Franciso, CA 94108 | 5 | U2 | AN7 |
| KLZ | Denver, CO 80222 | 5 | U3 | AN7 |
| WQAM | Miami, FL 33140 | 5/1 | U1 | AN6 |
| WIND | Chicago, IL 60611 | 5 | U4 | AN6 |
| WGAN | Portland, ME 04104 | 5 | U3 | AN7 |
| WFRB | Frostburg, MD 21532 | 5 | D1 | D* |
| WHYN | Springfield, MA 01104 | 5/1 | U3 | AN7 |
| WEBC | Duluth, MN 55805 | 5 | U4 | AN |
| KWTO | Springfield, MO 65804 | 5 | U2 | AN6 |
| KMON | Great Falls, MT 59405 | 5 | U2 | AN6 |
| WGAI | Elizabeth City, NC 27909 | 1/0.5 | U4 | NH |
| WFIL | Philadelphia, PA 19128 | 5 | U4 | AN7 |

**560kHz**

| | | | | |
|---|---|---|---|---|
| WIS | Columbia, SC 29221 | 5 | U2 | AN |
| WHBQ | Memphis, TN 38111 | 5/1 | U4 | AN7 |
| KLVI | Beaumont, TX 77702 | 5 | U2 | AN |
| KPQ | Wenatchee, WA 98801 | 5 | U2 | AN7 |
| WJLS | Beckley, WV 25801 | 5/0.5 | U2 | AN7 |
| CKNL | Ft. St. John, BC | 1 | U2 | AN7 |
| CHTK | Prince Rupert, BC | 1/0.25 | U1 | AN7 |
| CHCM | Marystown, NF | 10/5 | U2 | AN7 |
| CJKL | Kirkland Lake, ON | 5 | U2 | NH |
| CFOS | Owen Sound, ON | 5/1 | U4 | NH |
| CKCN | Sept-Iles, PQ | 10/5 | U4 | AN |

+Ip USA 3/Can 2

**570kHz**

| | | | | |
|---|---|---|---|---|
| WAAX | Gadsden, AL 35902 | 5/0.5 | U2 | AN |
| KCNO | Alturas, CA 96101 | 5/2.5 | U2 | |
| KLAC | Los Angeles, CA 90008 | 5 | U2 | AN7 |
| WPLP | Pinellas Park, FL 33565 | 1 | U4 | AN7 |
| WACL | Waycross, GA 31501 | 5/1 | U2 | NH |
| WKYX | Paducah, KY 42001 | 1/0.5 | U4 | AN |
| WGMS | Bethesda, MD (Addr: Rockville, MD 20852) | 5/1 | U4 | AN |
| WVMI | Biloxi, MS 39531 | 5/1 | U4 | AN7 |
| KGRT | Las Cruces, NM 88001 | 5 | D1 | D* |
| WMCA | New York, NY 10019 | 5 | U3 | AN7 |
| WSYR | Syracuse, NY 13202 | 5 | U4 | AN7 |
| WWNC | Asheville, NC 28806 | 5 | U2 | AN6 |
| WKBN | Youngstown, OH 44512 | 5 | U2 | AN7 |
| WNAX | Yankton, SD 57078 | 5 | U2 | AN6 |
| KRQX | Dallas, TX 75202 | 5 | U4 | AN7 |
| KLUB | Salt Lake City, UT 84110 | 5 | U3 | AN7 |
| KVI | Seattle, WA 98101 | 5 | U1 | AN7 |
| CKEK | Cranbrook, BC | 10/1 | U3 | AN6 |
| CKWL | Williams Lake, BC | 1 | U4 | AN6 |
| CJEM | Edmundston, NB | 5/1 | U2 | NH |
| CFCB | Corner Brook, NF | 1 | U1 | AN7 |
| CHYM | Kitchener, ON | 10 | U3 | AN7 |
| CKSW | Swift Current, SK | 10 | U4 | NH |
| CFWH | Whitehorse, YT | 1 | U1 | AN7 |
| | Nuuk (Godthåb), Greenland | 25 | U1 | SH |

+Ip: USA 2, Can 3

**580kHz**

| | | | | |
|---|---|---|---|---|
| KYUK | Bethel, AK 99559 | 5 | U1 | NH |
| KRSA | Petersburg, AK 99833 | 5 | U1 | NH |
| K . . . | Tucson, AZ 85703 | 5/0.5 | U2 | AN6 |
| KMJ | Fresno, CA 93726 | 5 | U1 | AN6 |
| KUBC | Montrose, CO 81401 | 5/1 | U2 | NH |
| WDBO | Orlando, FL 32802 | 5 | U2 | AN7 |
| WGAC | Augusta, GA 30903 | 5/1 | U2 | AN6 |
| KFXD | Nampa, ID 83651 | 5 | U2 | AN6 |
| WILL | Urbana, IL 61801 | 5 | D3 | D* |
| KEXT | Manhattan, KS 66502 | 5/0.5 | ST1 | D |
| WIBW | Topeka, KS 66601 | 5 | ST2 | AN |
| KALB | Alexandria, LA 71301 | 5 | U2 | NH |
| WTAG | Worcester, MA 01613 | 5 | U4 | AN6 |
| WTCM | Traverse City, MI 49684 | 5/0.5 | U4 | NH |
| WELO | Tupelo, MS 38801 | 1/0.5 | U4 | NH |
| KCMX | Ashland, OR 97520 | 1 | U4 | AN6 |
| WHP | Harrisburg, PA 17108 | 5 | U2 | AN6 |
| WCHS | Charleston, WV 25324 | 5 | U2 | AN |
| WKTY | LaCrosse, WI 54601 | 5/1 | U4 | AN |
| CKUA | Edmonton, AB | 10 | U4 | NH |
| CKXR | Salmon Arm, BC | 10/1 | U2 | AN7 |
| CKY | Winnipeg, MB | 50 | U4 | AN7 |
| CJFX | Antigonish, NS | 10 | U3 | AN7 |
| CKAP | Kapuskasing, ON | 10/1 | U2 | NH |
| CFRA | Ottawa, ON | 50/10 | U4 | AN7 |
| CKPR | Thunder Bay, ON | 5/1 | U1 | AN |
| CHLC | Hauterive, PQ | 5/2.5 | U4 | AN2 |

+Ip: USA 6/Can 2

**590kHz**

| | | | | |
|---|---|---|---|---|
| KHAR | Anchorage, AK 99503 | 5 | U1 | AN7 |
| KBHS | Hot Springs, AR 71901 | 5 | D1 | D* |
| KFXM | San Bernardino, CA 92408 | 1 | U4 | AN7 |

**590kHz**

| | | | | |
|---|---|---|---|---|
| KTHO | South Lake Tahoe, CA 95705 | 2.5/0.5 | U3 | AN6 |
| KCSJ | Pueblo, CO 81002 | 1 | U4 | AN6 |
| WDLP | Panama City, FL 32401 | 1 | U2 | AN |
| WPLO | Atlanta, GA 30308 | 5 | U2 | AN7 |
| KID | Idaho Falls, ID 83401 | 5/1 | U2 | NH |
| WRTH | Wood River, IL 62095 | 1 | U4 | AN7 |
| WVLK | Lexington, KY 40501 | 5/1 | U4 | AN6 |
| WEEI | Boston, MA 02199 | 5 | U3 | AN7 |
| WJMS | Ironwood, MI 49938 | 5/1 | U2 | NH |
| WKZO | Kalamazoo, MI 49001 | 5 | U2 | NH |
| WOW | Omaha, NE 68137 | 5 | U1 | AN7 |
| WROW | Albany, NY 12204 | 5/1 | U4 | AN |
| WGTM | Wilson, NC 27893 | 5 | U4 | NH |
| KUGN | Eugene, OR 97440 | 5/1 | U2 | AN7 |
| WARM | Scranton, PA 18501 | 5 | U4 | AN6 |
| WMBS | Uniontown, PA 15401 | 1 | U2 | AN |
| KLBJ | Austin, TX 78767 | 5/1 | U2 | AN7 |
| KSUB | Cedar City, UT 84720 | 5/1 | U2 | NH |
| WLVA | Lynchburg, VA 24501 | 1 | U4 | AN6 |
| KHQ | Spokane, WA 99203 | 5 | U1 | AN7 |
| CFTK | Terrace, BC | 1 | U3 | AN7 |
| CFAR | Flin Flon, MB | 10/1 | U5 | NH |
| CJCW | Sussex, NB | 1/0.25 | U4 | AN6 |
| VOCM | St. John's, NF | 10 | U2 | AN7 |
| CKEY | Toronto, ON | 50 | U4 | AN7 |
| CKRS | Jonquière, PQ | 10/5 | U4 | AN |

+Ip: USA 3/Canada 1

**600kHz**

| | | | | |
|---|---|---|---|---|
| KCLS | Flagstaff, AZ 86001 | 5/0.5 | U2 | NH |
| KSXO | Redding, CA 96001 | 1 | U3 | AN |
| KOGO | San Diego, CA 92123 | 5 | U3 | AN7 |
| KIIX | Wellington, CO | 5/0.5 | U4 | |
| WICC | Bridgeport, CT 06604 | 1/0.5 | U4 | AN |
| WOKV | Jacksonville, FL 32236 | 5 | U2 | AN7 |
| WMT | Cedar Rapids, IA 52406 | 5 | U2 | AN6 |
| WFST | Caribou, ME 04736 | 5 | D1 | D* |
| WCAO | Baltimore, MD 21208 | 5 | U3 | AN7 |
| WTAC | Flint, MI 48501 | 1/0.5 | U3 | AN7 |
| KGEZ | Kalispell, MT 59901 | 5/1 | U4 | NH |
| WSJS | Winston-Salem, NC 27102 | 5 | U4 | AN6 |
| KSJB | Jamestown, ND 58401 | 5 | U3 | AN7 |
| WREC | Memphis, TN 38101 | 5 | U4 | AN6 |
| KROD | El Paso, TX 79902 | 5 | U2 | AN7 |
| KTBB | Tyler, TX 75701 | 1 | U2 | AN |
| CJOR | Vancouver, BC | 10 | U3 | AN7 |
| CBNA | St. Anthony, NF | 10 | U4 | NH |
| CFCT | Tuktoyaktuk, NWT | 1 | U1 | NH |
| CKCL | Truro, NS | 10/1 | U3 | NH |
| CFCH | North Bay, ON | 10/5 | U4 | AN |
| CFCF | Montreal, PQ | 5 | U3 | AN7 |
| CFQC | Saskatoon, SK | 10 | U4 | AN7 |

+Ip: USA 9/Canada 3

**610kHz**

| | | | | |
|---|---|---|---|---|
| WSGN | Birmingham, AL 35209 | 5/1 | U2 | AN7 |
| KARV | Russellville, AR 72801 | 1/0.5 | U4 | NH |
| KAVL | Lancaster, CA 93534 | 1/0.5 | U4 | NH |
| KFRC | San Francisco, CA 94108 | 5 | U1 | AN6 |
| WSNG | Torrington, CT 06790 | 1/0.5 | U4 | NH |
| WIOD | Miami, FL 33138 | 10 | U4 | AN7 |
| WRUS | Russellville, KY 42276 | 5 | D | D |
| KDAL | Duluth, MN 55802 | 5 | U2 | AN5 |
| WDAF | Kansas City, MO 64108 | 5 | U1 | AN7 |
| KOJM | Havre, MT 59501 | 1 | U4 | NH |
| WGIR | Manchester, NH 03105 | 5/1 | U4 | NH |
| KRKE | Albuquerque, NM 87103 | 5 | U2 | AN7 |
| WROQ | Charlotte, NC 28216 | 5/1 | U4 | AN7 |
| WTVN | Columbus, OH 43215 | 5 | U2 | AN6 |
| KYJC | Medford, OR 97501 | 5 | U3 | AN7 |
| WIP | Philadelphia, PA 19103 | 5 | U3 | AN7 |
| KILT | Houston, TX 77006 | 5 | U4 | AN7 |
| KVNU | Logan, UT 84321 | 5/1 | U2 | AN6 |
| WSLC | Roanoke, VA 24017 | 5/1 | U4 | AN6 |
| KONA | Tri-Cities, WA 99302 | 5 | U4 | AN7 |
| CKYL | Peace River, AB | 10 | U2 | AN7 |
| CHNL | Kamloops, BC | 25/5 | U4 | AN7 |
| CJAT | Trail, BC | 10/1 | U5 | AN |

**610kHz**

| | | | | |
|---|---|---|---|---|
| CHTM | Thompson, MB | 1 | U1 | AN7 |
| CKYQ | Grand Bank, NF | 10 | U4 | AN7 |
| CKTB | St. Catherines, ON | 10/5 | U3 | AN6 |
| CKML | Mont-Laurier, PQ | 1 | U2 | NH |
| CHNC | New Carlisle, PQ | 10/5 | U3 | NH |
| CKRW | Whitehorse, YT | 1 | U1 | AN7 |

+lp: USA 4/Canada 2

**620kHz**

| | | | | |
|---|---|---|---|---|
| KGTL | Homer, AK 99603 | 5 | U1 | NH |
| KTAR | Phoenix, AZ 85001 | 5 | U2 | AN6 |
| KNGS | Hanford, CA 93230 | 1 | U2 | AN |
| WKND | Windsor, CT 06095 | 0.5/1 | U4 | |
| KSTR | Grand Junction, CO 81501 | 5 | D1 | D* |
| WSUN | St. Petersburg, FL 33731 | 5 | U2 | AN7 |
| KWAL | Wallace, ID (Addr: Osburn, ID 83849) | 1 | U2 | NH |
| KMNS | Sioux City, IA 51102 | 1 | U4 | AN |
| WZON | Bangor, ME 04401 | 5 | U2 | AN7 |
| WJDX | Jackson, MS 39205 | 5/1 | U2 | AN7 |
| WSKQ | Newark, NJ 07101 | 5 | U4 | AN6 |
| WHEN | Syracuse, NY 13217 | 5/1 | U2 | AN7 |
| WDNC | Durham, NC 27702 | 5/1 | U4 | AN7 |
| KGW | Portland, OR 97201 | 5 | U3 | AN7 |
| WHJB | Greensburg, PA 15601 | 2.5/0.5 | U4 | AN |
| WRJZ | Knoxville, TN 37917 | 5 | U4 | NH |
| KWFT | Wichita Falls, TX 76307 | 5 | U2 | NH |
| WVMT | Burlington, VT (Addr: Colchester, VT 05446) | 5 | U4 | NH |
| WWNR | Beckley, WV 25801 | 1/0.5 | U2 | AN6 |
| WTMJ | Milwaukee, WI 53201 | 5 | U2 | AN7 |
| CJCI | Prince George, BC | 10 | U2 | AN7 |
| CKCM | Grand Falls, NF | 10 | U3 | AN7 |
| CFCL | Timmins, ON | 10/5 | U4 | NH |
| CFRP | Rivière Portneuf, PQ | 1 | U3 | AN2 |
| CKCK | Regina, SK | 10 | U4 | AN7 |

+lp: USA 5

**630kHz**

| | | | | |
|---|---|---|---|---|
| KJNO | Juneau, AK 99802 | 1/0.5 | U1 | NH |
| KIDD | Monterey, CA 93940 | 1 | U4 | AN6 |
| KHOW | Denver, CO 80217 | 5 | U4 | AN7 |
| WMAL | Washington, DC 20015 | 5 | U4 | AN7 |
| WKBX | Savannah, GA 31402 | 5 | U2 | AN |
| KIDO | Boise, ID 83707 | 5 | U4 | AN7 |
| WLAP | Lexington, KY 40511 | 5/1 | U3 | AN6 |
| KDWB | St. Paul, MN 55119 | 5 | U4 | AN6 |
| KXOK | St. Louis, MO 63105 | 5 | U4 | AN6 |
| KOH | Reno, NV 89505 | 5/1 | U2 | AN6 |
| WMFD | Wilmington, NC 28401 | 1 | U4 | AN |
| KSHR | Coquille, OR 97423 | 5/1 | U2 | |
| WPRO | East Providence, RI 02915 | 5 | U2 | AN7 |
| KSLR | San Antonio, TX 78212 | 5 | U4 | AN7 |
| KZJO | Salt Lake City, UT 84111 | 1/0.5 | U4 | AN6 |
| KCIS | Seattle, WA 98133 | 5/2.5 | U2 | |
| CHED | Edmonton, AB | 50 | U4 | AN7 |
| CKOV | Kelowna, BC | 5/1 | U1 | AN7 |
| CKRC | Winnipeg, MB | 10 | U4 | AN7 |
| CFCO | Chatham, ON | 10/1 | U4 | AN7 |
| CFBK | Huntsville, ON | 1 | U2 | AN |
| CJET | Smiths Falls, ON | 10 | U4 | AN7 |
| CFCY | Charlottetown, PEI | 10 | U4 | AN7 |
| CHLT | Sherbrooke, PQ | 10/5 | U4 | NH |

+lp: USA 10/Can 7

**640kHz**

| | | | | |
|---|---|---|---|---|
| KFI | Los Angeles, CA 90020 | 50 | U1 | AN7 |
| WOI | Ames, IA 50010 | 5/1 | D1 | D |
| KTIB | Thibodeaux, LA 70301 | 5/1 | U4 | |
| KGVW | Belgrade, MT 59714 | 10/1 | U2 | |
| WHLO | Akron, OH 44313 | 5 | U4 | AN6 |
| WWLS | Moore, OK | 1 | U2 | NH |
| WMSO | Collierville, TN 38018 | 10/1 | U2 | |
| CBN | St. John's, NF | 10 | U1 | NH |

+lp: Can 1

**650kHz**

| | | | | |
|---|---|---|---|---|
| KYAK | Anchorage, AK 99507 | 50 | U4 | AN7 |
| WBSO | Clinton, MA 01510 | 10/1 | U4 | |
| WSM | Nashville, TN 37202 | 50 | U1 | AN7 |
| CISL | Richmond, BC | 50/10 | U4 | AN7 |
| | Qeqertarsuaq (Godhavn), Greenland | 5 | U1 | SH |

+lp: USA 1

**660kHz**

| | | | | |
|---|---|---|---|---|
| W . . . | Fairhope, AL | 50/1 | U1 | |
| KFAR | Fairbanks, AK 99707 | 10 | U1 | NH |
| KTNN | Window Rock, AZ 86515 | 50 | U2 | |
| KGDP | Santa Ynez, CA 93460 | 10/1 | U5 | |
| WNBC | New York, NY 10020 | 50 | U1 | AN7 |
| WESC | Greenville, SC 29602 | 50 | SH3 | D* |
| KSKY | Balch Springs, TX 75201 | 10/1 | U1 | |
| CFFR | Calgary, AB | 50/10 | U | AN7 |

+lp: USA 2

**670kHz**

| | | | | |
|---|---|---|---|---|
| KDLG | Dillingham, AK 99576 | 5 | U1 | NH |
| KWXI | Glenwood, AR 71943 | 5 | D1 | D |
| KWNK | Simi Valley, CA 93065 | 1 | U3 | |
| KBO1 | Boise, ID 83701 | 50/25 | U2 | AN6 |
| WMAQ | Chicago, IL 60654 | 50 | U1 | AN7 |
| CHYQ | Musgravetown, NF | 10 | U4 | AN7 |

+lp: USA 1

**680kHz**

| | | | | |
|---|---|---|---|---|
| KBRW | Barrow, AK 99723 | 10 | U1 | NH |
| KNBR | San Francisco, CA 94111 | 50 | U1 | AN7 |
| WCNN | North Atlanta, GA 30319 | 50/10 | U4 | AN |
| WCTT | Corbin, KY 40701 | 1 | U2 | NH |
| WCBM | Baltimore, MD (Addr: Owings Mills, MD 21117) | 10/5 | U4 | AN7 |
| WRKO | Boston, MA 02114 | 50 | U4 | AN7 |
| WDBC | Escanaba, MI 49829 | 10/1 | U4 | NH |
| KFEQ | St. Joseph, MO 64502 | 5 | U4 | AN7 |
| WINR | Binghamton, NY 13904 | 1/0.5 | U4 | NH |
| WPTF | Raleigh, NC 27602 | 50 | U2 | AN6 |
| WRGC | Sylva, NC 28779 | 1/0.25 | U2 | NH |
| WKDJ | Memphis, TN 38103 | 10/5 | U2 | AN7 |
| KKYX | San Antonio, TX 78228 | 50/10 | U2 | AN7 |
| KOMW | Omak, WA 98841 | 5 | D1 | D |
| WCAW | Charlestown, WV 25304 | 50/0.25 | U4 | AN |
| WOGO | Hallie, WI | 2.5/0.5 | U4 | |
| CHFA | Edmonton, AB | 10 | U3 | NH |
| CJOB | Winnipeg, MB | 50 | U4 | AN7 |
| CIYQ | Grand Falls, NF | 10 | U4 | AN7 |
| CDFR | Dartmouth, NS | 50/10 | U4 | AN7 |
| CKGB | Timmins, ON (F.Pl: 730kHz) | 10 | U4 | AN7 |
| CFTR | Toronto, ON | 25 | U4 | AN7 |

+lp: USA 5/Can 1

**690kHz**

| | | | | |
|---|---|---|---|---|
| WVOK | Birmingham, AL 35201 | 50 | D1 | D |
| KZKZ | Flagstaff, AZ 86001 | 1/0.5 | U4 | AN |
| WAPE | Jacksonville, FL (Addr: Orange Park, FL 32073) | 50/10 | U2 | AN7 |
| KGGF | Coffeyville, KS 67337 | 10/5 | U4 | NH |
| WTIX | New Orleans, LA 70130 | 10/5 | U4 | AN6 |
| KHEY | El Paso, TX 79930 | 10 | U4 | AN |
| WZAP | Bristol, VA 24201 | 10 | D1 | D |
| CBU | Vancouver, BC | 50 | U3 | NH |
| CBF | Montreal, PQ | 50 | U1 | NH |
| CBKF-1 | Gravelbourg, SK | 5 | U2 | NH |

+lp: USA 17/Can 6

**700kHz**

| | | | | |
|---|---|---|---|---|
| KBYR | Anchorage, AK 99510 | 1 | U1 | AN7 |
| KVOI | Oro Valley, AZ | 10/1 | U4 | |
| KRMW | Silt, CO 81652 | 50/1 | U2 | |
| WLW | Cincinnati, OH 45202 | 50 | U1 | AN7 |
| KGRV | Winston, OR 97496 | 25/0.5 | U1 | AN |

**700kHz**

| | | | | |
|---|---|---|---|---|
| KFAM | North Salt Lake City, UT 84034 | 50/1 | U4 | AN7 |
| KTMI | Newport, WA 99156 | 10/1 | U2 | |
| | Simiuttaq, Greenland | | | |
| | (F.PL: 720kHz) | 20 | U1 | SH |

+lp: USA 1

**710kHz**

| | | | | |
|---|---|---|---|---|
| WKRG | Mobile, AL 36601 | 1/0.5 | U2 | AN6 |
| KUET | Black Canyon City, AZ 85324 | 0.5/1 | U4 | |
| KFIA | Carmichael, CA 95608 | 10/2.5 | U4 | AN |
| KMPC | Los Angeles, CA 90028 | 50/10 | U2 | AN6 |
| KNUS | Denver, CO 80222 | 5 | U3 | AN6 |
| WGBS | Miami, FL 33131 | 50 | U4 | AN6 |
| KEEL | Shreveport, LA 71120 | 50/5 | U4 | AN7 |
| WHB | Kansas City, MO 64105 | 10/5 | U4 | AN7 |
| KMMD | Ennis, MT | 10 | D1 | D |
| WOR | New York, NY 10018 | 50 | U3 | AN7 |
| KGNC | Amarillo, TX 79105 | 10 | U4 | AN6 |
| KURV | Edinburgh, TX 78539 | 1/0.25 | U4 | NH |
| WNBR | Christianburg, VA 24073 | 10 | D1 | D* |
| KIRO | Seattle, WA 98121 | 50 | U2 | AN7 |
| WDSM | Superior, WI | 10/5 | U2 | AN6 |
| | (Addr: Duluth, MN 55802) | | | |
| CKVO | Clarenville, NF | 10 | U3 | AN7 |
| CHYR | Leamington, ON | 10 | D3 | D |
| CJRN | Niagara Falls, ON | 5/2.5 | U4 | AN6 |
| CIPC | Port-Cartier, PQ | 1 | U3 | NH |
| CKVM | Ville-Marie, PQ | 10/1 | U2 | NH |

+lp: USA 13/Can 3

**720kHz**

| | | | | |
|---|---|---|---|---|
| KOTZ | Kotzebue, AK 99752 | 5 | U1 | NH |
| WGN | Chicago, IL 60618 | 50 | U1 | AN7 |
| KDWN | Las Vegas, NV 89101 | 50 | U2 | AN6 |

**730kHz**

| | | | | |
|---|---|---|---|---|
| WLOR | Thomasville, GA 31792 | 5 | D1 | D* |
| WHTC | Vancleve, KY 41385 | 5 | D3 | D |
| WACE | Springfield, MA 01101 | 5 | D1 | D* |
| KURL | Billings, MT 59107 | 5 | D1 | D* |
| WPIT | Pittsburgh, PA 15222 | 5 | D1 | D* |
| WPKX | Alexandria, VA 22304 | 5 | D3 | D |
| CKLG | Vancouver, BC | 50 | U4 | AN7 |
| CKDM | Dauphin, MB | 10/5 | U2 | NH |
| CKGA | Gander, NF | 1 | U3 | AN7 |
| CJNR | Blind River, ON | 1 | U2 | AN |
| CHYR-7 | Leamington, ON | 1 | | |
| CKAC | Montreal, ON | 50 | U3 | AN7 |

+lp: USA 24/Can 4

**740kHz**

| | | | | |
|---|---|---|---|---|
| WBAM | Montgomery, AL 36111 | 50 | D3 | D |
| KBRT | Avalon, CA | 10 | D3 | D |
| | (Addr: Los Angeles, CA 90067) | | | |
| KCBS | San Francisco, CA 94111 | 50 | U4 | AN6 |
| KSSS | Colorado Springs, CO 80901 | 1/0.25 | U4 | AN7 |
| KVFC | Cortez, CO 81321 | 1/0.25 | U2 | AN |
| WSBR | Boca Raton, FL 33431 | 1/0.5 | U4 | |
| WKIS | Orlando, FL 32802 | 5/1 | U2 | AN7 |
| KBAD | Carlsbad, NM 88220 | 1/0.25 | SH1 | SH |
| WGSM | Long Island, NY 11747 | 25/1 | D5 | D |
| WPAQ | Mt. Airy, NC 27030 | 10/1 | D1 | D |
| KRMG | Tulsa, OK 74119 | 50/25 | U4 | AN5 |
| KTRH | Houston, TX 77001 | 50 | U4 | AN6 |
| KCMC | Texarkana, TX 75501 | 1 | U3 | AN7 |
| CBX | Edmonton, AB | 50 | U4 | NH |
| CBNM | Marystown, NF | 10 | U2 | NH |
| CBL | Toronto, ON | 50 | U1 | NH |

+lp: USA 16/Can 15

**750kHz**

| | | | | |
|---|---|---|---|---|
| KFQD | Anchorage, AK 99507 | 50 | U1 | AN6 |
| WSB | Atlanta, GA 30309 | 50 | U1 | AN7 |
| KERR | Polson, MT 59860 | 50/1 | U2 | NH |
| KMMJ | Grand Island, NE 68801 | 10 | L3 | D* |

**750kHz**

| | | | | |
|---|---|---|---|---|
| WHEB | Portsmouth, NH 03801 | 1 | L1 | D |
| K . . . | Pembina, ND | 10/1 | U1 | |
| KXL | Portland, OR 97214 | 50/10 | U4 | AN7 |
| KPCW | Park City, UT 84060 | 5/1 | U2 | |
| KOAL | Price, UT 84501 | 10 | U4 | |
| CBGY | Bonavista, NF | 10 | U4 | NH |
| | Umanak, Greenland | | | |
| | (F. PL: 900kHz) | 5 | U1 | SH |

+lp: USA 3

**760kHz**

| | | | | |
|---|---|---|---|---|
| KMTL | Sherwood, AR (Addr: North Little Rock, AR 72069) | 10 | D1 | D |
| KFMB | San Diego, CA 92111 | 50 | U3 | AN7 |
| WVNE | Leicester, MA 01524 | 5 | D1 | D |
| WJR | Detroit, MI 48202 | 50 | U1 | AN7 |
| KSJL | San Antonio, TX 78205 | 50/1 | U4 | |

+lp: USA 3

**770kHz**

| | | | | |
|---|---|---|---|---|
| WJMW | Athens, AL 35611 | 10/0.5 | U2 | |
| KGGN | Valdez, AK 99686 | 1/0.5 | U1 | |
| KPLA | Riverbank, CA 95367 | 1 | U4 | |
| WKZY | North Fort Myers, FL 33903 | 10/1 | U4 | |
| KJGB | Lafayette, LA 70501 | 1/0.5 | U2 | AN7 |
| KUOM | Minneapolis, MN 55455 | 5 | ST1 | D |
| WCAL | Northfield, MN 55057 | 5 | ST1 | D |
| KATL | Miles City, MT 59301 | 10/1 | U2 | NH |
| KOB | Albuquerque, NM 87103 | 50 | U2 | AN7 |
| WABC | New York, NY 10019 | 50 | U1 | AN7 |
| WLWL | Rockingham, NC 28379 | 5 | D1 | D |
| KKMI | Seattle, WA 98101 | 50 | U4 | AN7 |

+lp: USA 1

**780kHz**

| | | | | |
|---|---|---|---|---|
| WZZX | Lineville, AL | 5 | D1 | D |
| KNOM | Nome, AK 99762 | 10/5 | U1 | NH |
| KAZM | Sedona, AZ 86336 | 5/0.5 | U2 | NH |
| WBBM | Chicago, IL 60611 | 50 | U1 | AN7 |
| WJAG | Norfolk, NE 68701 | 1 | L1 | D* |
| KROW | Reno, NV 98510 | 50 | U2 | AN7 |
| WABS | Arlington, VA 22207 | 5 | D1 | D |

+lp: USA 4

**790kHz**

| | | | | |
|---|---|---|---|---|
| KCAM | Glenallen, AK 99588 | 5 | U1 | NH |
| KCEE | Tucson, AZ 85703 | 5/0.5 | U3 | AN7 |
| KURM | Rogers, AR 72756 | 5/0.5 | U2 | |
| KOSY | Texarkana, AR 75501 | 1/0.5 | U2 | NH |
| KXTC | Clovis, CA 93612 | 2.5 | U4 | |
| KEKA | Eureka, CA 95501 | 5 | D1 | D |
| KABC | Los Angeles, CA 90016 | 5 | U2 | AN7 |
| WLBE | Leesburg, FL 32748 | 5/1 | U2 | AN |
| WNWS | South Miami, FL 33143 | 25 | U4 | AN7 |
| WQXI | Atlanta, GA 30305 | 5/1 | U2 | AN7 |
| KBRV | Soda Springs, ID 83276 | 5 | D1 | D* |
| KXXX | Colby, KS 67701 | 5 | D1 | D* |
| WAKY | Louisville, KY 40202 | 5/1 | U4 | AN7 |
| WSGW | Saginaw, MI 48605 | 5/1 | U4 | AN6 |
| KGHL | Billings, MT 59103 | 5 | U2 | AN6 |
| WTNY | Watertown, NY 13601 | 1 | U2 | NH |
| KFGO | Fargo, ND 58102 | 5 | U2 | AN7 |
| KWIL | Albany, OR 97321 | 1 | U4 | AN6 |
| WAEB | Allentown, PA | 1 | U4 | AN6 |
| | (Addr: Lehigh Valley, PA 18001) | | | |
| WEAN | Providence, RI 02903 | 5 | U2 | AN5 |
| WETB | Johnson City, TN 37601 | 5 | D1 | D* |
| WMC | Memphis, TN 38104 | 5 | U2 | AN7 |
| KKBQ | Houston, TX 77002 | 5 | U4 | AN6 |
| KFYO | Lubbock, TX 79464 | 5/1 | U4 | NH |
| WTAR | Norfolk, VA 23510 | 5 | U3 | AN7 |
| KGMI | Bellingham, WA 98225 | 5/1 | U2 | AN6 |
| KJRB | Spokane, WA 99203 | 5 | U2 | AN7 |
| WEAQ | Eau Claire, WI 54701 | 5 | U2 | AN6 |

**790kHz**

| | | | | |
|---|---|---|---|---|
| CFCW | Camrose, AB | 50 | U4 | AN7 |
| CFAN | Newcastle, NB | 5/1 | U3 | NH |
| CFNW | Port au Choix, NF | 1 | U3 | AN7 |
| CKMW | Brampton, ON | 5 | U4 | AN7 |
| CKSO | Sudbury, ON | 50 | U4 | AN6 |
| CKBH | Baie Comeau, PQ | 1/0.25 | U3 | |

+lp: USA 16

**800kHz**

| | | | | |
|---|---|---|---|---|
| KINY | Juneau, AK 99801 | 5 | U1 | NH |
| WTMR | Camden, NJ 08104 | 5 | D3 | D* |
| WSVS | Crewe, VA 23930 | 5 | D1 | D* |
| WKEE | Huntington, WV 25724 | 5 | D1 | D* |
| WDUX | Waupaca, WI 54981 | 5 | D3 | D* |
| CJJC | Langley, BC | 10 | U4 | AN7 |
| CKOK | Penticton, BC | 10/0.5 | U1 | AN6 |
| VOWR | St. John's NF | 5/2.5 | SH1 | SH |
| CJBQ | Belleville, ON | 10 | U4 | AN6 |
| CFOB | Fort Frances, ON | 1/0.5 | U1 | AN |
| CBQ | Thunder Bay, ON | 10/5 | U3 | NH |
| CKLW | Windsor, ON | 50 | U4 | AN7 |
| CJAD | Montreal, PQ | 50/10 | U4 | AN7 |
| CHRC | Quebec, PQ | 50 | U3 | AN7 |
| CHAB | Moose Jaw, SK | 10 | U2 | AN7 |

+lp: USA 27

**810kHz**

| | | | | |
|---|---|---|---|---|
| WJXL | Jacksonville, AL 36264 | 50/0.5 | U4 | new |
| KGO | San Francisco, CA 94102 | 50 | U3 | AN7 |
| KCMO | Kansas City, MO (Addr: Fairways, KS 66205) | 50/10 | U2 | AN7 |
| WSJC | Magee, MS 39111 | 50/0.5 | U4 | NH |
| KAFE | Santa Fe, NM 87501 | 5 | D1 | D* |
| WGY | Schenectady, NY 12309 | 50 | U1 | AN6 |
| WQIZ | St. George, SC 29427 | 5 | D1 | D* |
| KBHB | Sturgis, SD 57785 | 5 | D1 | D* |
| WMTS | Murfreesboro, TN 37130 | 5 | D1 | D* |
| KTBI | Ephrata, WA 98823 | 10 | D3 | |
| WJIQ | Tomahawk, WI 54487 | 10 | D3 | D* |
| CHQR | Calgary, AB | 50 | U4 | AN6 |
| CKJS | Winnipeg, MB | 10 | U3 | AN |
| CJVA | Caraquet, NB | 10 | U2 | NH |

+lp: USA 15

**820kHz**

| | | | | |
|---|---|---|---|---|
| KCBF | Fairbanks, AK 99707 | 50 | U1 | AN7 |
| WAIT | Chicago, IL 60611 | 5 | U2 | AN7 |
| WOSU | Columbus, OH 43210 | 5 | L1 | D |
| WBAP | Forth Worth, TX 76103 | 50 | U1 | AN7 |
| KQIN | Burien, WA 98166 | 50/5 | U4 | AN |

+lp: USA 4

**830kHz**

| | | | | |
|---|---|---|---|---|
| KABN | Big Lake, AK 99687 | 10 | U1 | NH |
| KGLR | Tucson, AZ 85701 | 50/1 | U2 | |
| K . . . | Orange, CA 92666 | 2.5/1 | U2 | |
| W . . . | Haileah, FL | 1 | U2 | |
| WCCO | Minneapolis, MN 55402 | 50 | U1 | AN7 |
| WNYC | New York, NY 10007 | 1 | L3 | NH |

+lp: USA 2

**840kHz**

| | | | | |
|---|---|---|---|---|
| KSDP | Sand Point, AK 99661 | 1 | U1 | SH |
| KBLC | Lakeport, CA 95453 | 1/0.5 | U1 | |
| WHAS | Louisville, KY 40201 | 50 | U1 | AN7 |
| KSWB | Seaside, OR 97138 | 1/0.5 | U1 | |
| KIKN | Pharr, TX 78577 | 50/1 | U3 | |

+lp: USA 5

**850kHz**

| | | | | |
|---|---|---|---|---|
| WYDE | Birmingham, AL 35255 | 50/1 | U4 | AN |
| KICY | Nome, AK 99762 | 10 | U1 | NH |
| KOA | Denver, CO 80217 | 50 | U1 | AN7 |

**850kHz**

| | | | | |
|---|---|---|---|---|
| WRUF | Gainesville, FL 32604 | 5 | U2 | AN |
| WCGY | West Palm Beach, FL 33402 | 5/1 | U5 | AN7 |
| WPTB | Statesboro, GA 30458 | 1 | U2 | NH |
| WHDH | Boston, MA 02116 | 50 | U4 | AN6 |
| WKBZ | Muskegon, MI 49443 | 1 | U3 | NH |
| WWJC | Duluth, MN 55808 | 10 | D1 | D |
| WJYV | Forest, MS 39074 | 10 | D3 | D |
| KFUO | Clayton, MO 63105 | 5 | L1 | D |
| WKIX | Raleigh, NC 27605 | 50/5 | U2 | AN6 |
| WJW | Cleveland, OH (Addr: North Rayalton, OH 44103) | 10/5 | U4 | AN6 |
| WJAC | Johnstown, PA 15907 | 10 | U3 | AN |
| WEEU | Reading, PA 19601 | 1 | U2 | AN6 |
| WHIG | Knoxville, TN 37919 | 50 | D3 | D |
| KEYH | Houston, TX 77006 | 10 | D3 | D* |
| WRAP | Norfolk, VA 23501 | 5/1 | U4 | AN7 |
| KTAC | Tacoma, WA 98411 | 10/1 | U4 | AN7 |
| CKRD | Red Deer, AB | 10/1 | U2 | AN7 |
| CFVR | Abbotsford, BC | 10 | U4 | AN6 |
| CKVL | Verdun, PQ | 50/10 | U4 | AN7 |
| CHVO | Carbonear, NF | 5 | U2 | AN7 |
| | Upernavik, Greenland (F. PL: 810kHz) | 5 | U1 | SH |

+lp: USA 10

**860kHz**

| | | | | |
|---|---|---|---|---|
| KVVA | Phoenix, AZ 85001 | 1 | U2 | |
| KTRB | Modesto, CA 95352 | 10/1 | U2 | AN6 |
| WAMA | Safety Harbour, FL 33572 | 1 | U4 | AN |
| WAEC | Atlanta, GA 30309 | 5 | D1 | D |
| WDMG | Douglas, GA 31533 | 5 | U2 | NH |
| KKOW | Pittsburg, KS 66762 | 10/5 | U2 | AN7 |
| WBGR | Baltimore, MD 21201 | 5/2.5 | D3 | D |
| WTEL | Philadelphia, PA 19126 | 10 | D3 | D |
| KONO | San Antonio, TX 78298 | 5/1 | U2 | AN7 |
| KLTQ | Salt Lake City, UT 84110 | 50 | D | D |
| WOAY | Oak Hill, WV 25901 | 10/5 | D1 | D |
| CFPR | Prince Rupert, BC | 10/2.5 | U3 | NH |
| CHAK | Inuvik, NWT | 1 | U1 | NH |
| CBH | Halifax, NS | 10 | U2 | NH |
| CJBC | Toronto, ON | 50 | U1 | AN7 |
| CBKF-2 | Saskatoon, SK | 10 | U4 | NH |

+lp: USA 26/Can 26

**870kHz**

| | | | | |
|---|---|---|---|---|
| KSKO | McGrath, AK 99627 | 5 | U1 | NH |
| KIEV | Glendale, CA 91206 | 5/1 | U2 | AN |
| WWL | New Orleans, LA 70116 | 50 | U3 | AN7 |
| WKAR | East Lansing, MI 48824 | 10 | D3 | D |
| KPRM | Park Rapids, MN 56470 | 2.5/1 | U2 | |
| WHCU | Ithaca, NY 14850 | 5/1 | U2 | |
| WIKV | Colonial Heights, TN 37663 | 5 | D1 | D |
| KORD | Tri-Cities, WA 99302 | 10/0.25 | U1 | AN |
| W . . . | Madison, WI 53501 | 1 | U4 | |
| KUUY | Orchard Valley, WY82001 | 10/2.5 | U4 | |

+lp: USA 4

**880kHz**

| | | | | |
|---|---|---|---|---|
| KKMC | Gonzales, CA 93926 | 5/1 | U4 | |
| W . . . | Jefferson, GA 30549 | 5 | D1 | D |
| K... | Shreveport, LA | 10/5 | U4 | |
| KJJR | Whitefish, MT 59937 | 10/0.5 | U2 | AN6 |
| KRVN | Lexington, NE 68850 | 50 | U4 | AN7 |
| KDXA | Lovelock, NV 80419 | 1/0.25 | U1 | |
| WCBS | New York, NY 10019 | 50 | U1 | AN7 |
| WRFD | Columbus, OH 43285 | 50 | D3 | D |
| KWIP | Dallas, OR 97338 | 5/1 | U1 | NH |
| KFMR | Phoenix, OR (Addr: Medford, OR 97501) | 1 | U1 | |
| KIKR | Conroe, TX 77301 | 10/0.5 | U4 | |
| KIXI | Seattle, WA 98109 | 50/1 | U4 | |

+lp: USA 2/Can 1

**890 kHz**

| | | | |
|---|---|---|---|
| KPTO | Citrus Heights, CA 95820 | 50/1 | U4 |

**890kHz**

| | | | | |
|---|---|---|---|---|
| WLS | Chicago, IL 60601 | 50 | U1 | AN7 |
| WYAI | Ridgeland, MS 39157 | 5 | D1 | D |
| KVOZ | Del Mar Hills, TX | 10/1 | U1 | |
| KDXU | St. George, UT 84770 | 10 | U2 | NH |

+lp: USA 5

**900kHz**

| | | | | |
|---|---|---|---|---|
| KCBF | Fairbanks, AK 99701 | 10 | U1 | AN6 |
| WMOP | Ocala, FL 32670 | 5 | D1 | D* |
| WWJD | Savannah, GA 31414 | 5 | D1 | D* |
| WLSI | Pikeville, KY 41501 | 5 | D1 | D* |
| WCOR | Lebanon, TX 37087 | 5 | D3 | D |
| CJVI | Victoria, BC | 10 | U3 | AN7 |
| CKDH | Amherst, NS | 1 | U4 | AN7 |
| CKDR | Dryden, ON | 1/0.25 | U1 | AN |
| CHML | Hamilton, ON | 50 | U4 | AN7 |
| CFBR | Sudbury, ON | 10/1 | U4 | AN7 |
| CJBR | Rimouski, PQ | 10 | U2 | NH |
| CJER | Saint-Jerome, PQ | 1 | U3 | AN |
| CKTS | Sherbrooke, PQ | 10 | U4 | AN7 |
| CKVD | Val-d'Or, PQ | 10/2.5 | U3 | AN |
| CKBI | Prince Albert, SK | 10 | U2 | AN7 |

+lp: USA 43/Can 6

**910kHz**

| | | | | |
|---|---|---|---|---|
| KJJJ | Phoenix, AZ 85003 | 5 | U2 | AN7 |
| KLCN | Blytheville, AR 72315 | 5 | D1 | D* |
| KAMD | Camden, AR 71701 | 5/0.5 | U4 | NH |
| KMJC | El Cajon, CA | 5 | U4 | AN7 |
| | (Addr: San Diego, CA 92112) | | | |
| KHSP | Hesperia, CA 92345 | 1/0.5 | U4 | |
| KNEW | Oakland, CA 94604 | 5 | U2 | AN7 |
| KOXR | Oxnard, CA 93030 | 5/1 | U4 | NH |
| KPOF | Denver, CO | 5/1 | U1 | AN7 |
| | (Addr: Westminster, CO 80030) | | | |
| WRCQ | New Britain, CT | 5 | U2 | AN7 |
| | (Addr: Farmington, CT 06032) | | | |
| WPLA | Plant City, FL 33566 | 1 | U2 | NH |
| WGAF | Valdosta, GA 31601 | 5 | U2 | AN7 |
| WLPD | Mishawaka, IN | | U4 | |
| WSUI | Iowa City, IA 52240 | 5 | U4 | NH |
| WKEQ | Burnside, KY 42519 | 5 | D3 | D |
| WXAM | Baton Rouge, LA 70825 | 1 | U3 | AN6 |
| WABI | Bangor, ME 04401 | 5 | U2 | NH |
| WFDF | Flint, MI 48502 | 5/1 | U3 | AN |
| WALT | Meridian, MS 39301 | 5/1 | U1 | AN |
| KBIM | Roswell, NM 88201 | 5/0.5 | U2 | NH |
| WRKL | New City, NY 10956 | 1 | U | |
| WLAS | Jacksonville, NC 28540 | 5 | U2 | AN7 |
| KCJB | Minot, ND 58701 | 5/1 | U4 | AN6 |
| WBRJ | Marietta, OH 45750 | 5 | D3 | D* |
| WPFB | Middletown, OH 45042 | 1/0.1 | U1 | AN7 |
| KGLC | Miami, OK 74354 | 1 | U3 | AN7 |
| WAVL | Apollo, PA 15613 | 5 | D3 | D* |
| WGBI | Scranton, PA 18503 | 1/0.5 | U1 | AN |
| WSBA | York, PA 17405 | 5/1 | U4 | AN6 |
| WORD | Spartanburg, SC 29302 | 5/1 | U4 | AN7 |
| KVAA | Volga, SD 57071 | 0.5/1 | U3 | AN |
| WJCW | Johnson City, TN 37601 | 5/1 | U4 | AN6 |
| WEPG | South Pittsburg, TN 37380 | 5 | D1 | D |
| KRIO | McAllen, TX 78501 | 5 | U4 | AN6 |
| KIKM | Sherman, TX 75090 | 1 | U3 | AN7 |
| KALL | Salt Lake City, UT 84111 | 5/1 | U2 | AN6 |
| WRNL | Richmond, VA 23228 | 5 | U2 | AN |
| KKSN | Vancouver, WA | 5 | U4 | AN7 |
| | (Addr: Portland, OR 97201) | | | |
| WHSM | Hayward, WI 54843 | 5 | D1 | D* |
| CKDQ | Drumheller, AB | 10 | U4 | AN7 |
| CKLY | Lindsay, ON | 10/5 | U4 | NH |
| CHRL | Roberval, PQ | 10 | U2 | AN |

+lp: USA 12/Can 1

**920kHz**

| | | | | |
|---|---|---|---|---|
| WKYD | Andalusia, AL 36420 | 5/0.5 | U2 | NH |
| KSRM | Soldotna, AK 99669 | 5 | U1 | NH |
| KARN | Little Rock, AR 72204 | 5 | U2 | AN6 |
| KDES | Palm Springs, CA 92262 | 5/1 | U4 | AN6 |

**920kHz**

| | | | | |
|---|---|---|---|---|
| KVEC | San Louis Obispo, CA 93401 | 1/0.5 | U1 | AN |
| KLMR | Lamar, CO 81052 | 5/0.5 | U1 | NH |
| WMEL | Melbourne, FL 32935 | 1 | U2 | AN7 |
| WGST | Atlanta, GA 30305 | 5/1 | U1 | AN7 |
| WBAA | West Lafayette, IN 47907 | 5/1 | U2 | NH |
| KYFR | Shenandoah, IA 51601 | 5/2.5 | U2 | NH |
| WTCW | Whitesburg, KY 41858 | 5 | D1 | D* |
| WBOX | Bogalusa, LA 70427 | 1 | U2 | AN |
| WPTX | Lexington Park, MD 20653 | 5/1 | U4 | NH |
| KDHL | Faribault, MN 55021 | 5 | U4 | NH |
| KWAD | Wadena, MN 56482 | 1 | U2 | NH |
| KORK | Las Vegas, NV 89104 | 5/0.5 | U2 | AN7 |
| KOLO | Reno, NV 89504 | 5/1 | U2 | AN6 |
| WTTM | Trenton, NJ 08618 | 1 | U3 | AN7 |
| KQEO | Albuquerque, NM 87109 | 1/0.5 | U2 | AN6 |
| WKRT | Cortland, NY 13045 | 1/0.5 | U2 | NH |
| WGHQ | Kingston, NY 12401 | 5/0.5 | U4 | |
| WIRD | Lake Placid, NY 12946 | 5 | D1 | D* |
| WBBB | Burlington, NC 27215 | 5 | D1 | D* |
| WMNI | Columbus, OH 43215 | 1/0.5 | U4 | AN6 |
| KGAL | Lebanon, OR | 1 | U3 | AN6 |
| | (Addr: Albany, OR 97321) | | | |
| WKVA | Lewiston, PA 17044 | 1/0.5 | U2 | NH |
| WHJJ | Providence, RI 02914 | 5 | U2 | AN7 |
| WKSD | Orangeburg, SC 29115 | 5 | D1 | D |
| KKLS | Rapid City, SD 57701 | 5 | D3 | D* |
| KYSR | El Paso, TX 79912 | 1/0.5 | U2 | AN7 |
| KYXX | Odessa, TX 79760 | 1/0.5 | U2 | AN6 |
| KYST | Texas City, TX 77590 | 5/1 | U4 | AN |
| KVEL | Vernal, UT 84078 | 5/1 | U2 | |
| KQUE | Olympia, WA 98507 | 1/0.5 | U2 | AN7 |
| KXLY | Spokane, WA 99201 | 5 | U1 | AN6 |
| WMMN | Fairmont, WV 26554 | 5 | U2 | NH |
| WOKY | Milwaukee, WI 53216 | 5/1 | U4 | AN7 |
| CKCQ | Quesnel, BC | 10/1 | U2 | AN6 |
| CFRY | Portage la Prairie, MB | 10 | U4 | AN6 |
| CJCJ | Woodstock, NB | 10/1 | U4 | AN7 |
| CJCH | Halifax, NS | 25 | U4 | AN7 |
| CBO | Ottawa, ON | 50 | U4 | NH |
| CKCY | Sault Ste. Marie, ON | 10/5 | U4 | AN7 |
| CKNX | Wingham, ON | 10/1 | U4 | NH |
| CFLS | Lévis, PQ | 10 | U2 | AN7 |

+lp: USA 12/Can 4

**930kHz**

| | | | | |
|---|---|---|---|---|
| WKFX | Rainbow City, AL 35901 | 5/0.5 | U2 | |
| KTKN | Ketchikan, AK 99901 | 5/1 | U1 | NH |
| KFLG | Flagstaff, AZ 86001 | 5 | D1 | D* |
| KHJ | Los Angeles, CA 90038 | 5 | U2 | AN6 |
| KIUP | Durango, CO 81301 | 5/1 | U2 | AN6 |
| WJAX | Jacksonville, FL 32201 | 5 | U2 | AN7 |
| WKXY | Sarasota, FL 33578 | 1/0.5 | U4 | AN |
| WMGR | Bainbridge, GA 31717 | 5/0.5 | U2 | NH |
| KSEI | Pocatello, ID 83201 | 5 | U2 | AN6 |
| WTAD | Quincy, IL 62301 | 5/1 | U2 | NH |
| WKCT | Bowling Green, KY 42101 | 5/0.5 | U4 | NH |
| WFMD | Frederick, MD 21701 | 5/1 | U4 | AN |
| WBCK | Battle Creek, MI 49015 | 5/1 | U4 | AN |
| WSLI | Jackson, MS 39204 | 5 | U2 | NH |
| KWOC | Poplar Bluff, MO 63901 | 5/0.5 | U2 | NH |
| KLCY | East Missoula, MT | 5/1 | U2 | |
| KOGA | Ogallal NE, 69153 | 2.5/0.5 | U4 | NH |
| WWNH | Rochester, NH 03867 | 5 | U2 | NH |
| WPAT | Paterson, NJ | 5 | U4 | AN7 |
| | (Addr: Clifton, NJ 07013) | | | |
| WBEN | Buffalo, NY 14207 | 5 | U2 | AN7 |
| WSOC | Charlotte, NC 28234 | 5/1 | U2 | AN6 |
| WITN | Washington, NC 27889 | 5/1 | U2 | AN7 |
| WEOL | Elyria, OH 44035 | 1 | U4 | AN6 |
| WKY | Oklahoma City, OK 73114 | 5 | U2 | AN6 |
| KAGI | Grants Pass, OR 97526 | 5/1 | U2 | AN |
| WCNR | Bloomsburg, PA 17815 | 1/0.5 | U2 | |
| KSDN | Aberdeen, SD 57401 | 5/1 | U4 | AN |
| WSEV | Sevierville, TN 37862 | 5 | D1 | D* |
| KLLS | San Antonio, TX 78216 | U2 | 5/1 | AN7 |
| WLLL | Lynchburg, VA 24506 | 5 | D1 | D* |
| KBNG | Yakima, WA 98907 | 5/0.5 | U2 | |
| WGNT | Huntington, WV 25701 | 5/1 | U2 | AN7 |
| WLBL | Auburndale, WI 54412 | 5 | D1 | D |

**930kHz**

| | | | | |
|---|---|---|---|---|
| KROE | Sheridan, WY 82801 | 5 | D1 | D* |
| CJCA | Edmonton, AB | 50 | U4 | AN7 |
| CFBC | St. John, NB | 50 | U4 | AN7 |
| CJYQ | St. John's, NF | 25 | U4 | AN7 |
| CKNS | Espanola, ON | 10 | U2 | AN6 |

+lp: USA 14

**940kHz**

| | | | | |
|---|---|---|---|---|
| KNST | Tucson, AZ 85702 | 5/1 | U4 | AN7 |
| KFRE | Fresno, CA 93728 | 50 | U4 | AN7 |
| WINZ | Miami, FL 33055 | 50/10 | U4 | AN7 |
| WMAZ | Macon, GA 31208 | 50/10 | U2 | AN |
| WMIX | Mount Vernon, IL 62864 | 5/0.5 | U4 | AN7 |
| KIOA | Des Moines, IA 50309 | 50/5 | U4 | AN7 |
| WYLD | New Orleans, LA 70119 | 10/0.5 | U4 | AN6 |
| WLVM | St. Ignace, MI 49781 | 5 | D1 | D* |
| WCPC | Houston, MS 38851 | 50/0.25 | U4 | NH |
| KVSH | Valentine, NE 69201 | 5 | D1 | D |
| WKYK | Burnsville, NC 28714 | 5/0.25 | U2 | NH |
| WFNC | Fayetteville, NC 28303 | 50/1 | U2 | AN |
| WECO | Wartburg, TN 37887 | 5 | DI | D* |
| KIXZ | Amarillo, TX 79106 | 5/1 | U4 | AN7 |
| KBRE | Cedar City, UT 84720 | 10 | D1 | D* |
| WNRG | Grundy, VA 24614 | 5 | D1 | D* |
| WKGM | Smithfield, VA 23430 | 10 | D3 | D |
| CISL | Richmond, BC | 2.5 | U4 | AN7 |
| CJIB | Vernon, BC | 10 | U2 | AN7 |
| CBM | Montreal, PQ | 50 | U3 | NH |
| CJGX | Yorkton, SK | 10 | U2 | AN6 |

+lp: USA 14/Can 3

**950kHz**

| | | | | |
|---|---|---|---|---|
| WLSQ | Montgomery, AL 36101 | 1 | U2 | AN7 |
| KRXA | Seward, AK 99664 | 1 | SH1 | SH |
| KXJK | Forrest City, AR 72335 | 5 | D1 | D* |
| KFSA | Fort Smith, AR 72901 | 1/0.5 | U4 | NH |
| KAHI | Auburn, CA 95603 | 5 | U4 | |
| KIMN | Denver, CO 80224 | 5 | U3 | AN7 |
| WBJW | Orlando, FL 32808 | 5 | U2 | AN7 |
| WGTA | Summerville, GA 30747 | 5 | D1 | D* |
| WGOV | Valdosta, GA 31601 | 5/1 | U2 | |
| KKIC | Meridian,ID 83642 | 5 | U2 | |
| KOZE | Lewiston, ID 83501 | 5/1 | U4 | AN |
| WJPC | Chicago, IL 60605 | 5/1 | U2 | AN7 |
| WXLW | Indianapolis, IN 46222 | 5 | U4 | |
| KOEL | Oelwein, IA 50662 | 5/0.5 | U4 | NH |
| WKZX | Presque Isle, ME 04769 | 5 | U3 | NH |
| WROL | Boston, MA 02116 | 5 | D1 | D* |
| WWJ | Detroit, MI 48231 | 5 | U2 | AN7 |
| KRSI | St. Louis Park, MN | 1 | U4 | AN7 |
| | (Addr: Eden Prairie, MN 55343) | | | |
| WBKH | Hattiesburg, MS 39401 | 5 | D1 | D* |
| KLIK | Jefferson City, MO 65101 | 5/0.5 | U2 | NH |
| KMTX | Helena, MT 59601 | 5 | U2 | NH |
| KNFT | Bayard, NM 88023 | 5 | D1 | D* |
| WBBF | Rochester, NY 14604 | 1 | U4 | AN7 |
| WIBX | Utica, NY 13503 | 5 | U3 | AN |
| WPEN | Philadelphia, PA | 5 | U2 | AN7 |
| | (Addr: Bala Cynwyd, PA 19004) | | | |
| WSPA | Spartanburg, SC 29304 | 5 | U2 | AN7 |
| KWAT | Watertown, SD 57201 | 1 | U2 | NH |
| KPRC | Houston, TX 77001 | 5 | U2 | NH |
| KSEL | Lubbock, TX 79408 | 5/0.5 | U4 | AN6 |
| WXGI | Richmond, VA 23225 | 5 | D1 | D* |
| KJR | Seattle, WA 98124 | 5 | U2 | AN7 |
| WQBE | Charleston, WV 25323 | 5/1 | U2 | AN7 |
| KMER | Kemmerer, WY 83001 | 5 | D1 | D* |
| CFAM | Altona, MB | 10 | U4 | AN7 |
| CKNB | Campbellton, NB | 10/1 | U4 | AN6 |
| CHER | Sydney, NS | 10 | U3 | AN6 |
| CKBB | Barrie, ON | 10/2.5 | U4 | AN6 |

+lp: USA 14

**960kHz**

| | | | | |
|---|---|---|---|---|
| WERC | Birmingham, AL 35202 | 5 | U2 | AN6 |
| KOOL | Phoenix, AZ 85016 | 5 | U2 | AN7 |

**960kHz**

| | | | | |
|---|---|---|---|---|
| KAVR | Apple Valley, CA 92307 | 5 | D1 | D* |
| KABL | San Francisco, CA 94111 | 5 | U3 | AN7 |
| WELI | New Haven, CT 06501 | 5 | U2 | AN6 |
| WGRO | Lake City, FL 32055 | 1 | U2 | |
| WJCM | Sebring, FL 33870 | 5/1 | U4 | |
| WJAZ | Albany, GA 31702 | 5 | D3 | D* |
| WRFC | Athens, GA 30605 | 5/0.5 | U2 | AN6 |
| WSBT | South Bend, IN 46601 | 5 | U4 | AN |
| KMA | Shenandoah, IA 51601 | 5 | U2 | NH |
| WPRT | Prestonsburg, KY 41653 | 5 | D1 | D* |
| WSBY | Salisbury, MD 21801 | 5 | U4 | NH |
| WFGL | Fitchburg, MA 01420 | 1 | U4 | NH |
| WHAK | Rogers City, MI 49779 | 5 | D1 | D* |
| KLTF | Little Falls, MN 56345 | 5 | D1 | D* |
| WABG | Greenwood, MS 38930 | 1/0.5 | U2 | NH |
| KGIR | Cape Girardeau, MO 63701 | 5/0.5 | U2 | NH |
| KFLN | Baker, MT 59313 | 5 | D1 | D* |
| KNEB | Scottsbluff, NE 69361 | 1/0.5 | U4 | AN |
| KNDN | Farmington, NM 87401 | 5 | D1 | D* |
| WEAV | Plattsburgh, NY 12901 | 5 | U4 | NH |
| WAAK | Dallas, NC 28034 | 1/0.5 | U2 | |
| WFTC | Kinston, NC 28501 | 5/1 | U2 | NH |
| KGWA | Enid, OK 73701 | 1 | U3 | NH |
| KLAD | Klamath Falls, OR 97601 | 5 | U2 | NH |
| WHYL | Carlisle, PA 17013 | 5 | D3 | D* |
| WATS | Sayre, PA 18840 | 5 | D | D* |
| KGKL | San Angelo, TX 76901 | 5/1 | U2 | AN |
| KDOT | Provo, UT 84601 | 5/1 | U2 | AN7 |
| WFIR | Roanoke, VA 24002 | 5 | U2 | AN |
| KALE | Richland, WA | 5/1 | U2 | AN6 |
| | (Addr: Tri-Cities, WA 99302) | | | |
| WTCH | Shawano, WI 54166 | 1 | U2 | NH |
| CFAC | Calgary, AB | 50 | U2 | AN7 |
| CHNS | Halifax, NS | 10 | U2 | AN7 |
| CFTJ | Cambridge, ON | 1 | U4 | AN |
| CKWS | Kingston, ON | 10/5 | U4 | AN6 |
| ZFB | Hamilton, Bermuda | 1 | U1 | NH |

+lp: USA 15

**970kHz**

| | | | | |
|---|---|---|---|---|
| WERH | Hamilton, AL 35570 | 5 | D1 | D* |
| WTBF | Troy, AL 36081 | 5/0.5 | U2 | NH |
| KIAK | Fairbanks, AK 99707 | 5 | U1 | AN7 |
| KVWM | Show Low, AZ 85901 | 5 | D1 | D* |
| KAFY | Bakersfield, CA 93302 | 1 | U4 | AN7 |
| KVIM | Coachella, CA 92236 | 5/1 | U4 | AN7 |
| KHYV | Modesto, CA 95353 | 1 | U4 | AN |
| WFLA | Tampa, FL 33601 | 5 | U4 | AN7 |
| WKLS | Atlanta, GA 30345 | 5 | D3 | D* |
| WVOP | Vidalia, GA 30474 | 5 | D1 | D* |
| WMAY | Springfield, IL 62705 | 1/0.5 | U4 | AN7 |
| WAVG | Louisville, KY 40233 | 5 | U4 | AN6 |
| KSYL | Alexandria, LA 71301 | 1 | U4 | AN |
| WYNZ | Portland, ME 04104 | 5 | U2 | AN |
| WUPY | Ishpeming, MI 49849 | 5 | D1 | D* |
| WKHM | Jackson, MI 49201 | 1 | U4 | AN7 |
| KGHR | Austin, MN 55912 | 5/0.5 | U4 | AN |
| KOOK | Billings, MT 59103 | 5 | U2 | AN7 |
| KJLT | North Platte, NE 69101 | 5 | D1 | D* |
| KNUU | Paradise Valley, NV 89426 | 5/0.5 | U4 | |
| WWDJ | Hackensack, NJ 07602 | 5 | U4 | NH |
| WEBR | Buffalo, NY 14202 | 5 | U3 | AN |
| WWIT | Canton, NC 28716 | 5 | D1 | D |
| WDAY | Fargo, ND 58102 | 5 | U2 | AN7 |
| WFUN | Ashtabula, OH 44004 | 5/1 | U4 | NH |
| KAKC | Tulsa, OK 74101 | 2.5/1 | U4 | AN6 |
| KYTE | Portland, OR 97201 | 5 | U2 | AN6 |
| WTKN | Pittsburgh, PA 15212 | 5 | U4 | AN6 |
| WJMX | Florence, SC 29501 | 5/1 | U2 | NH |
| KIXL | Del Valle, TX | 1 | U4 | |
| | (Addr: Austin, TX 78763) | | | |
| WANV | Waynesboro, VA 22980 | 5/1 | U4 | NH |
| KLHT | Spokane, WA 99203 | 5/1 | U2 | AN7 |
| WHA | Madison, WI 53706 | 5 | D1 | D* |
| CJYR | Edson, AB | 10 | U3 | NH |
| CBZ | Fredericton, NB | 10 | U2 | NH |
| CFIQ | Harbour Grace, NF | 1/0.5 | U4 | AN7 |
| CKCH | Hull, PQ | 10/5 | U4 | AN6 |

+lp: USA 20/Can 1

**980kHz**

| | | | | |
|---|---|---|---|---|
| KKEN | Kenai, AK | 1 | U1 | |
| KCAB | Dardanelle, AR 72834 | 5 | D1 | D |
| KINS | Eureka, CA 95501 | 5/0.5 | U2 | NH |
| KFWB | Los Angeles, CA 90028 | 5 | U1 | AN6 |
| WWRC | Washington, DC 20016 | 5 | U2 | AN7 |
| WDVH | Gainesville, FL 32602 | 5 | D1 | D* |
| WBSS | Pompano Beach, FL 33060 | 5/1 | U4 | AN |
| KUPI | Ammon, ID | 5/1 | U4 | |
| | (Addr: Idaho Falls 83401) | | | |
| KSGM | Chester, IL 62233 | 1/0.5 | U2 | NH |
| WITY | Danville, IL 61832 | 1 | U4 | AN6 |
| KCIJ | Shreveport, LA 71161 | 5 | D1 | D* |
| WCAP | Lowell, MA 01852 | 5 | U4 | AN |
| KMFY | Richfield, MN | 5 | U3 | AN7 |
| | (Addr: New Brighton, MN 55112) | | | |
| WAPF | McComb, MS 39648 | 5 | D1 | D* |
| KMBZ | Kansas City, MO | 5 | U2 | AN7 |
| | (Addr: Shawnee Mission, KS) | | | |
| KVLV | Fallon, NV 89406 | 5 | D1 | D* |
| KICA | Clovis, NM 88101 | 1 | U2 | NH |
| WTRY | Troy, NY | 5 | U2 | AN7 |
| | (Addr: Latham, NY 12110) | | | |
| WKLM | Wilmington, NC 28401 | 5 | U1 | |
| WONE | Dayton, OH 45402 | 5 | U2 | AN7 |
| WILK | Wilkes-Barre, PA 18701 | 5 | U2 | AN |
| KDSJ | Deadwood, SD 57732 | 5/1 | U2 | NH |
| WSIX | Nashville, TN 37210 | 5 | U2 | AN6 |
| KSVC | Richfield, UT 84701 | 5/1 | U2 | |
| WFHG | Bristol, VA 24201 | 5/1 | U2 | AN6 |
| KUTI | Selah, WA | 5/0.5 | U2 | |
| | (Addr: Yakima, WA 98907) | | | |
| WCUB | Manitovoc, WI 54220 | 5 | U4 | |
| CKNW | New Westminster, BC | 50 | U3 | AN7 |
| CFPL | London, ON | 10/5 | U4 | AN7 |
| CHEX | Peterborough, ON | 10/5 | U4 | AN7 |
| CKGM | Montreal, PQ | 10 | U4 | AN7 |
| CBV | Quebec, PQ | 50 | U3 | NH |
| CKRM | Regina, SA | 10/5 | U4 | AN7 |

+lp: USA 25

**990kHz**

| | | | | |
|---|---|---|---|---|
| KTKT | Tucson, AZ 85703 | 10/1 | U4 | AN7 |
| KKIS | Pittsburg, CA 94565 | 2.5 | U4 | AN7 |
| KRKS | Denver, CO 80226 | 5 | D1 | D |
| | Miami, FL 33131 | 5 | U4 | new |
| WHOO | Orlando, FL 32858 | 50/5 | U9 | AN6 |
| KXLA | Rayville, LA 71269 | 1/0.25 | U4 | |
| KSVP | Artesia, NM 88210 | 1/0.25 | U1 | NH |
| WNYR | Rochester, NY 14604 | 5/2.5 | U4 | AN |
| WCEL | Southern Pines, NC 28387 | 10 | D1 | D |
| WZZD | Philadelphia, PA | 50/10 | U4 | AN7 |
| | (Addr: Lafayette Hill, PA 19444) | | | |
| WVSC | Somerset, PA 15501 | 10 | D3 | D |
| WLKW | Providence, RI 02903 | 50 | D3 | D |
| WNOX | Knoxville, TN 37917 | 10 | U2 | AN7 |
| KWAM | Memphis, TN 38112 | 10 | D3 | D |
| KTRM | Beaumont, TX 77702 | 1 | U3 | AN |
| KGTM | Wichita Falls, TX 76307 | 10/1 | U4 | AN |
| WNRV | Narrows, VA 24124 | 5 | D1 | D |
| CBW | Winnipeg, MB | 50 | U1 | NH |
| CBY | Corner Brook, NF | 10 | U1 | NH |
| CKGM | Mentreal, PQ | 50 | U | F.PL. |
| | Dundas, Greenland | 5 | U1 | SH |

+lp: USA 25/Can 21

**1000kHz**

| | | | | |
|---|---|---|---|---|
| WTAK | Huntsville, AL 35804 | 10/5 | D4 | D |
| WZTN | Montgomery, AL 36101 | 5 | D1 | D |
| KMLO | Vista, CA 92083 | 2.5/0.25 | U4 | |
| KKMX | Hayden, CO 81639 | 10/5 | D1 | D |
| WCFL | Chicago, IL 60610 | 50 | U4 | AN7 |
| WXTN | Lexington, MS 39095 | 5 | D1 | D |
| KKIM | Albuquerque, NM 87107 | 10 | D1 | D* |
| WIQT | Horseheads, NY 14845 | 5/2.5 | D1 | D |
| WSPF | Hickory, NC 28601 | 5/2.5 | D1 | D |
| KTOK | Oklahoma City, OK 73101 | 5 | U4 | AN7 |
| WKYB | Hemingway, SC 29554 | 10/5 | D4 | D |

**1000kHz**

| | | | | |
|---|---|---|---|---|
| KXRB | Sioux Falls, SD 57106 | 10 | D3 | D* |
| KOMO | Seattle, WA 98109 | 50 | U2 | AN6 |
| CKBW | Bridgewater, NS | 10 | U2 | NH |
| CFLP | Rimouski, PQ | 10 | U4 | AN7 |

+lp: USA 21

**1010kHz**

| | | | | |
|---|---|---|---|---|
| WPYK | Dora, AL 36843 | 5 | D1 | D |
| KXEG | Phoenix, AZ 85004 | 1/0.5 | U1 | AN7 |
| KLRA | Little Rock, AR 72201 | 10/5 | U2 | AN6 |
| KCHJ | Delano, CA 93215 | 5/1 | U4 | NH |
| KIQI | Sunnyvale, CA 94086 | 25/10 | U4 | |
| KCMP | Brush, CO 80723 | 5/2.5 | D1 | D |
| WCNU | Crestview, FL 32536 | 10 | D1 | D |
| WBIX | Jacksonville, FL 32216 | 10 | D3 | D |
| WCBF | Tampa, FL | 50 | D3 | D* |
| | (Addr: Seffner, FL 33584) | | | |
| WGUN | Decatur, GA 30031 | 50/10 | D1 | D |
| WKQT | Garyville, LA 70051 | 50/0.25 | U4 | |
| WMOX | Meridian, MS 39301 | 10/1 | U4 | NH |
| KXEN | St. Louis, MO 63166 | 50 | D3 | D |
| WINS | New York, NY 10016 | 50 | U3 | AN7 |
| WFGW | Black Mountain, NC 28711 | 50/10 | D5 | D |
| KRKX | Milwaukie, OR 97222 | 5 | D1 | 5/0.25 |
| WHIN | Gallatin, TN 37066 | 5 | D1 | D |
| KDJW | Amarillo, TX 79107 | 5/0.5 | U3 | AN6 |
| KLAT | Houston, TX 77003 | 5 | U | AN |
| KBBW | Waco, TX 76710 | 10/2.5 | U4 | AN |
| KTLE | Tooele, UT 84074 | 50/2.5 | D1 | D |
| WPMH | Portsmouth, VA 23705 | 5 | D3 | D |
| CBR | Calgary, AB | 50 | U4 | NH |
| CFYQ | Gander, NF | 5 | U2 | AN7 |
| CFRB | Toronto, ON | 50 | U4 | AN7 |

+lp: USA 20/Can 7

**1020kHz**

| | | | | |
|---|---|---|---|---|
| KTNQ | Los Angeles, CA 90028 | 50 | U4 | AN6 |
| WJEP | Ochlocknee, GA 31793 | 10 | D1 | D |
| KBCQ | Roswell, NM 88201 | 50 | U4 | NH |
| KDKA | Pittsburgh, PA 15222 | 50 | U1 | AN6 |
| KYXE | Selah, WA 98942 | 10/0.5 | U2 | AN7 |
| KWIQ | Moses Lake, WA 98837 | 5/0.5 | U1 | |

+lp: USA 2

**1030kHz**

| | | | | |
|---|---|---|---|---|
| KHOG | Farmington, AR 72701 | 10/1 | U2 | |
| KGUS | Florence, AZ 85232 | 5/0.25 | U1 | |
| KHWY | Folsom, CA | 50/10 | U1 | |
| KXZI | San Luis Obispo, CA 93401 | 50/1 | U1 | |
| KBUF | Holcomb, KS 67851 | 5/1 | U4 | |
| WBZ | Boston, MA 02134 | 50 | U1 | AN7 |
| KBSM | Blue Springs,MO 64015 | 1/0.5 | U3 | AN6 |
| WXSS | Memphis, TN 38101 | 50/10 | U2 | |
| WBDX | White Bluff, TN 37187 | 1/0.25 | U1 | NH |
| KCTA | Corpus Christi, TX 78403 | 50 | L1 | D |
| KMAS | Shelton, WA 98584 | 5/1 | U1 | |
| KTWO | Casper, WY 82601 | 50 | U1 | AN6 |

**1040kHz**

| | | | | |
|---|---|---|---|---|
| WKAO | Boynton Beach, FL 33435 | 10/1 | U4 | |
| WHBO | Pinellas Park, FL 33565 | 5/1 | U2 | |
| WHO | Des Moines, IA 50308 | 50 | U1 | AN7 |
| WJTB | North Ridgeville, OH 44035 | 5/2.5 | D1 | D |
| WSKE | Everett, PA 15337 | 10/2.5 | D1 | D |
| WBZW | Powell, TN 37849 | 5 | D3 | D |

+lp: USA 3

**1050kHz**

| | | | | |
|---|---|---|---|---|
| KTBA | Tuba City, AZ 86045 | 5 | D1 | D |
| WJSB | Crestview, FL 32536 | 5 | D1 | D* |
| WROS | Jacksonville, FL 32205 | 5 | D1 | D |
| WHGI | Augusta, GA 30903 | 5 | D1 | D* |
| WPAG | Ann Arbor, MI 48108 | 5 | D3 | D* |
| WHN | New York, NY 10022 | 50 | U3 | AN7 |
| WJXY | Conway, SC 29526 | 5 | D1 | D* |

**1050kHz**

| | | | | |
|---|---|---|---|---|
| WCMS | Norfolk, VA 23502 | 5 | D1 | D* |
| KSPO | Dishman, WA | 5 | D1 | D |
| KBLE | Seattle, WA 98122 | 5 | D1 | D* |
| WADC | Parkersburg, WV 26101 | 5 | D1 | D* |
| CFGP | Grande Prairie, AB | 10 | U3 | AN7 |
| CKAL | Vernon, BC | 10/1 | U2 | AN7 |
| CKSB | Winnipeg, MB | 10 | U2 | NH |
| CFYN | Sault Ste. Marie, ON | 10/2.5 | U2 | AN7 |
| CHUM | Toronto, ON | 50 | U4 | AN7 |
| CJNB | North Battleford, SK | 10 | U2 | NH |

+lp: USA 44 (all D or D*)

**1060kHz**

| | | | | |
|---|---|---|---|---|
| KUKQ | Tempe, AZ | 5/0.5 | U2 | AN7 |
| | (Addr: Phoenix, AZ 85016) | | | |
| KPAY | Chico, CA 95926 | 10 | U2 | AN6 |
| KLMO | Longmont, CO 80501 | 10 | D1 | D* |
| WAMT | Titusville, FL 32780 | 10/5 | U4 | NH |
| WKNG | Tallapoosa, GA 30176 | 5 | D1 | D* |
| KBGN | Caldwell, ID 83605 | 10 | D1 | D* |
| WNOE | New Orleans, LA 70130 | 50/5 | U4 | AN7 |
| WTTP | Natick, MA 01760 | 50/5 | U4 | NH |
| WHFB | Benton Harbor, MI 49022 | 5/2.5 | D1 | D* |
| WRCW | Canton, OH 44711 | 5 | D3 | D* |
| KYW | Philadelphia, PA 19106 | 50 | U3 | AN7 |
| KGFX | Pierre, SD 57501 | 10/1 | U4 | AN |
| KAMA | El Paso, TX 79902 | 10 | D1 | D* |
| KHYM | Gilmer, TX 75644 | 10 | D1 | D* |
| KRSP | Salt Lake City, UT 84107 | 10/1 | U4 | AN |
| CFCN | Calgary, AB | 50 | U2 | AN7 |
| CJRP | Quebec, PQ | 50/10 | U4 | AN7 |

+lp: USA 20

**1070kHz**

| | | | | |
|---|---|---|---|---|
| WAPI | Birmingham, AL 35202 | 50/5 | U2 | AN |
| KNX | Los Angeles, CA 90028 | 50 | U1 | AN7 |
| WANM | Tallahassee, FL 32302 | 10 | D1 | D |
| WIBC | Indianapolis, IN 46260 | 50/10 | U4 | AN7 |
| KFDI | Wichita, KS 67201 | 10/1 | U2 | AN6 |
| KMOM | Monticello, MN 55362 | 10/2.5 | U4 | |
| KHMO | Hannibal, MO 63401 | 5/1 | U4 | NH |
| KATQ | Plentywood, MT 59254 | 5 | D1 | D |
| WKDR | Plattsburgh, NY 12901 | 5 | D1 | D |
| WNCT | Greenville, NC 27834 | 10 | U4 | AN6 |
| WEEP | Hampton Township, PA | 50/2.5 | U4 | F.PI. |
| | (Addr: Pittsburgh, PA 15222) | | | |
| WKOK | Sunbury, PA 17801 | 10/1 | U2 | NH |
| WHYZ | Greenville, SC 29608 | 50 | D3 | D* |
| WFLI | Lookout Mountain, TN 37350 | 50/1 | U4 | AN7 |
| WDIA | Memphis, TN 38112 | 50/5 | U4 | AN6 |
| KOPY | Alice, TX 78332 | 1 | U2 | NH |
| KRBE | Houston, TX 77046 | 10/5 | U3 | AN7 |
| WINA | Charlottesville, VA 22902 | 5 | U2 | NH |
| WJKK | Beckley, WV 25801 | 10 | D1 | D* |
| WTSO | Madison, WI 53701 | 10/5 | U4 | AN6 |
| CKST | St. Albert, AB | 10 | U4 | AN7 |
| CFAX | Victoria, BC | 10 | U3 | AN7 |
| CBA | Moncton, NB | 50 | U1 | NH |
| CHOK | Sarnia, ON | 10 | U4 | AN7 |

+lp: USA 6/Can 1

**1080kHz**

| | | | | |
|---|---|---|---|---|
| WKAC | Athens, AL 35611 | 5/1 | D1 | D |
| KTNX | Anchorage, AK 99507 | 10 | U1 | AN7 |
| KSCO | Santa Cruz, CA 95061 | 10/5 | U2 | AN6 |
| WTIC | Hartford, CT 06103 | 50 | U2 | AN7 |
| WVCG | Coral Gables, FL 33134 | 50/10 | U4 | AN7 |
| WFIV | Kissimmee, FL | 10/2.5 | U4 | |
| | (Addr: Orlando, FL 32855) | | | |
| WJYA | Marietta, GA 30061 | 10 | D3 | D |
| WCII | Louisville, KY 40202 | 10/1 | U4 | AN6 |
| WKKQ | Hibbing, MN 55746 | 10 | U4 | |
| WECP | Carthage, MS 39051 | 5 | D3 | D |
| KVNI | Coeur d'Alene, ID 83814 | 10/1 | U2 | NH |
| WKGX | Lenoir, NC 28645 | 5/2.5 | D1 | D* |
| WNCR | St. Pauls, NC 28384 | 5/2.5 | D1 | D |
| KWJJ | Portland, OR 97205 | 50/10 | U3 | AN6 |

**1080kHz**

| | | | | |
|---|---|---|---|---|
| KRLD | Dallas, TX 75225 | 50 | U2 | AN6 |
| WVKV | Hurricane, WV 25526 | 5 | D3 | D |
| CKSA | Lloydminster, AB | 10 | U2 | AN6 |

+lp: USA 17/Can 4

**1090kHz**

| | | | | |
|---|---|---|---|---|
| KAAY | Little Rock, AR 72203 | 50 | U2 | AN6 |
| KNCR | Fortuna, CA | 10 | D1 | D |
| | (Addr: Eureka, CA 95501) | | | |
| KLSZ | Aurora, CO | 50/1 | U4 | AN |
| | (Addr: Denver, CO 80203) | | | |
| WFCV | New Haven, IN 46774 | 1/0.25 | U4 | |
| WSLG | Gonzales, LA 70737 | 10 | D3 | D |
| WBAL | Baltimore, MD 21211 | 50 | U2 | AN6 |
| WILD | Boston, MA 02215 | 5/1 | D1 | D |
| KBOZ | Bozeman, MT 59715 | 5 | U2 | AN7 |
| KRZY | Albuquerque, NM 87110 | 50/2.5 | U4 | AN7 |
| WKSP | Kingstree, SC 29556 | 5 | D1 | D* |
| KKYN | Plainview, TX 79072 | 5/0.5 | U4 | AN |
| KANN | Ogden, UT 84401 | 5 | D1 | D* |
| KING | Seattle, WA 98109 | 50 | U4 | AN6 |
| WAQE | Rice Lake, WI 54868 | 5 | D3 | D |
| CHEC | Lethbridge, AB | 10/5 | U4 | AN7 |
| CKKW | Kitchener, ON | 10 | U4 | AN7 |
| CHRS | St-Jean, PQ | 10 | D1 | D |

+lp: USA 23/Can 8

**1100kHz**

| | | | | |
|---|---|---|---|---|
| KFAX | San Francisco, CA 94109 | 50 | U4 | AN6 |
| KIIO | Grand Junction, CO 81502 | 50/10 | U6 | NH |
| KKLL | Webb City, MO | 5 | D1 | |
| WHLI | Hempstead, NY 11550 | 10 | D3 | D |
| WWWE | Cleveland, OH 44114 | 50 | U3 | AN6 |
| KDRY | Alamo Heights, TX 78204 | 5/1 | U2 | |
| | Tasiilaq (Angmagssalik), | | | |
| | Greenland (F.PI: 1080kHz) | 5 | U1 | SH |

+lp: USA 1

**1110kHz**

| | | | | |
|---|---|---|---|---|
| WBCA | Bay Minette, AL 36507 | 10/2.5 | D5 | D |
| KHAC | Window Rock, AZ 86515 | 10/0.25 | D1 | D |
| KAKA | Dermott, AR 71638 | 10 | D3 | D |
| KRLA | Pasadena, CA 91109 | 50/10 | U4 | AN6 |
| KRCX | Roseville, CA 95678 | 5/1 | U4 | |
| WTIS | Tampa, FL 33601 | 10 | D3 | D* |
| KGSF | Kellog, ID 83837 | 5 | D1 | D |
| WMBI | Chicago, IL 60610 | 5 | D1 | D |
| WUHN | Pittsfield, MA 01202 | 5 | D3 | D |
| WJML | Petoskey, MI 49770 | 10 | D3 | D |
| KFAB | Omaha, NE 68132 | 50 | U2 | AN6 |
| WVNH | Salem, NH 03079 | 5 | D3 | D |
| KYKK | Humble City, NM 88251 | 5 | D1 | D* |
| WBT | Charlotte, NC 28208 | 50 | U2 | AN6 |
| KEOR | Atoka, OK 74525 | 5 | D3 | D |
| KBND | Bend, OR 97701 | 25/5 | U2 | NH |
| WHIM | Providence, RI 02940 | 5 | D3 | D |
| WZAM | Norfolk, VA 23502 | 50 | D3 | D |
| CHQT | Edmonton, AB | 50 | U2 | AN7 |
| CBD | St. John, NB | 10 | U4 | NH |
| CHUR | North Bay, ON | 10 | U2 | |
| CKJD | Sarnia, ON | 10/1 | U4 | AN6 |

+lp: USA 22/Can 4

**1120kHz**

| | | | | |
|---|---|---|---|---|
| WUST | Washington, DC 20001 | 5/2.5 | D1 | D |
| WQXM | Gordon, GA 31031 | 5 | D1 | D |
| KMOX | St. Louis, MO 63102 | 50 | U1 | AN7 |
| KPNW | Eugene, OR 97440 | 50 | U3 | AN7 |

+lp: USA 3

**1130kHz**

| | | | | |
|---|---|---|---|---|
| KRDU | Dinuba, CA 93618 | 1 | U3 | AN7 |
| KSDO | San Diego, CA 92104 | 50/10 | U4 | AN6 |
| K . . . | Dillon, CO | 5 | D1 | D |
| WLBA | Gainsville, GA 30501 | 10 | D1 | D* |

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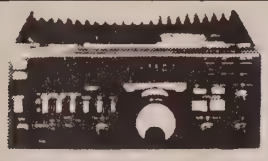

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**1130kHz**

| | | | | |
|---|---|---|---|---|
| WMGA | Moultrie, GA 31768 | 10/0.25 | U6 | NH |
| WSJP | Murray, KY 42071 | 1/0.25 | U2 | |
| KWKH | Shreveport, LA 71120 | 50 | U2 | AN7 |
| WCXI | Detroit, MI 48235 | 50/10 | U4 | AN7 |
| WDGY | Minneapolis, MN 55420 | 50/25 | U4 | AN6 |
| WNEW | New York, NY 10017 | 50 | U2 | AN7 |
| KBMR | Lincoln, ND | 50/10 | D3 | D |
| WASP | Brownsville, PA 15417 | 5/1 | D6 | D* |
| WHHQ | Hilton Head Island, SC | 1/0.5 | U2 | |
| KQTI | Edna, TX 77957 | 10 | D3 | D |
| WISN | Milwaukee, WI 53201 | 50/10 | U4 | AN7 |
| CKWX | Vancouver, BC | 50 | U2 | AN7 |

+lp: USA 20/Can 1

**1140kHz**

| | | | | |
|---|---|---|---|---|
| W... | Childersburg, AL 35044 | 5 | D1 | D |
| WASG | Atmore, AL 36502 | 10/5 | D1 | D* |
| WIXC | Hazel Green, AL | 25/2.5 | D1 | D |
| KCSY | Soldotna, AK | 10 | U1 | |
| KCMJ | Palm Springs, CA 92262 | 10/2.5 | U4 | NH |
| KRAK | Sacramento, CA 95811 | 50 | U4 | AN6 |
| WQBA | Miami, FL 33135 | 50/10 | U4 | AN6 |
| KGEM | Boise, ID 83705 | 10 | U3 | AN6 |
| WVEL | Pekin, IL 61554 | 5/1 | D1 | D* |
| WKWM | Kentwood, MI 49508 | 5 | D3 | D |
| WSAO | Senatobia, MS 38668 | 5 | D1 | D |
| KMJJ | Las Vegas, NV 89114 | 10/2.5 | U2 | AN6 |
| WBZY | New Castle, PA 16101 | 5 | D3 | D |
| KSOO | Sioux Falls, SD 57102 | 10/5 | U2 | AN |
| WRVA | Richmond, VA 23212 | 50 | U3 | AN6 |
| KMMZ | Greybull, WY 82426 | 10 | D1 | D |
| CKXL | Calgary, AB | 50 | U2 | AN6 |
| CBI | Sydney, NS | 10 | U2 | NH |
| CJTR | Trois-Rivières, PQ | 10 | U4 | AN7 |

+lp: USA 14/Can 4

**1150kHz**

| | | | | |
|---|---|---|---|---|
| WJRD | Tuscaloosa, AL 35401 | 5/1 | U2 | AN7 |
| KCKY | Coolidge, AZ 85228 | 5/1 | U4 | AN7 |
| KBOX | Little Rock, AR 72203 | 5/1 | U2 | AN7 |
| KPRZ | Los Angeles, CA 90028 | 5 | U2 | AN7 |
| KBAI | Morro Bay, CA 93442 | 5 | U2 | NH |
| KPLS | Santa Rosa, CA 95406 | 5/0.5 | U4 | AN6 |
| KRZN | Englewood, CO 80110 | 5/1 | U2 | AN |
| WDEL | Wilmington, DE 19899 | 5 | U4 | AN6 |
| WNDB | Daytona Beach, FL 32015 | 1 | U2 | AN6 |
| WTMP | Tampa, FL 33601 | 5/2.5 | U5 | AN7 |
| WJEM | Valdosta, GA 31601 | 5 | D3 | D* |
| WGGH | Marion, IL 62959 | 5 | D3 | D* |
| KWKY | Des Moines, IA 50303 | 1 | U4 | NH |
| KSAL | Salina, KS 67401 | 5 | U2 | NH |
| WJBO | Baton Rouge, LA 70821 | 5 | U3 | AN |
| WQMR | Skowhegan, ME 04976 | 5 | D1 | D* |
| WJOK | Gaithersburg, MD 20760 | 1/0.5 | U4 | |
| WHUE | Boston, MA 02116 | 5 | U4 | AN7 |
| WCEN | Mount Pleasant, MI 48858 | 1/0.5 | U2 | NH |
| KSEN | Shelby, MT 59474 | 5 | U4 | NH |
| KDEF | Albuquerque, NM 87109 | 5/0.5 | U2 | AN7 |
| WRUN | Utica, NY (Addr: Oriskany, NY 13424) | 5/1 | U4 | AN |
| WGBR | Goldsboro, NC 27530 | 5/1 | U4 | NH |
| WCUE | Cuyahoga Falls, OH (Addr: Akron, OH 44313) | 1/0.5 | U4 | AN6 |
| WIMA | Lima, OH 45802 | 1 | U2 | AN7 |
| KNED | McAlester, OK 74501 | 1/0.5 | U2 | AN |
| KAGO | Klamath Falls, OR 97601 | 5/1 | U2 | AN |
| KKEY | Portland, OR 97208 | 5 | D3 | D* |
| WHUN | Huntingdon, PA 16652 | 5 | D1 | D* |
| WDIX | Orangeburg, SC 29115 | 5/0.5 | U4 | NH |
| KIMM | Rapid City, SD 57701 | 5 | D1 | D* |
| WGOW | Chattanooga, TN 37405 | 5/1 | U2 | AN7 |
| WCRK | Morristown, TN 37814 | 5/0.5 | U2 | NH |
| WTAW | College Station, TX (Addr: Bryan, TX 77801) | 1/0.5 | U2 | AN |

**1150kHz**

| | | | | |
|---|---|---|---|---|
| KCCT | Corpus Christi, TX 78405 | 1/0.5 | U4 | |
| KVIL | Highland Park, TX 75206 | 1 | U4 | |
| KGNW | Seattle, WA 98134 | 5 | U2 | AN6 |
| WELC | Welch, WV 24801 | 5 | D1 | D* |
| WYNE | Appleton, WI 54911 | 5 | U3 | AN6 |
| WAYY | Chippewa Falls (Addr: Eau Claire, WI 54702) | 5 | D1 | D* |
| CKIQ | Kelowna, BC | 10 | U2 | AN7 |
| CKX | Brandon, MB | 50/10 | U4 | AN |
| CHSJ | St. John, NB | 10/5 | U4 | AN6 |
| CKOC | Hamilton, ON | 50 | U4 | AN7 |
| CJRC | Ottawa, ON | 50/5 | U4 | AN |
| CHGM | Gaspé, PQ | 5 | U2 | NH |

+lp: USA 26/Can 7

**1160kHz**

| | | | | |
|---|---|---|---|---|
| WJJD | Chicago, IL 60601 | 50/10 | U3 | AN7 |
| WKCM | Hawesville, KY 42348 | 2.5/1 | U2 | AN |
| WTYN | Tryon, NC 28782 | 10/0.5 | U2 | |
| KSL | Salt Lake City, UT 84111 | 50 | U1 | AN7 |

+lp: Can 1

**1170kHz**

| | | | | |
|---|---|---|---|---|
| WCOV | Montgomery, AL 36105 | 10/1 | U4 | AN6 |
| KJNP | North Pole, AK 99705 | 50 | U2 | NH |
| KCBQ | San Diego, CA 92112 | 50/5 | U4 | AN |
| KLOK | San Jose, CA 95151 | 50/5 | U4 | AN7 |
| WAVS | Davie, FL 33314 | 5/0.5 | U2 | AN |
| WLBH | Mattoon, IL 61938 | 5 | D3 | D |
| KKZX | Davenport, IA 52808 | 1 | U4 | AN7 |
| WOBM | Lakewood, NJ (Addr: Toms River, NJ 08753) | 5 | D3 | D |
| WCXN | Claremont, NC 78610 | 5/1 | U4 | |
| WCLN | Clinton, NC 28328 | 5/1 | D1 | D |
| KVOO | Tulsa, OK 74105 | 50 | U2 | AN7 |
| WXAX | Lexington, SC 29072 | 5 | D1 | D |
| WAMB | Donelson, TN 37214 | 50/1 | D1 | D |
| KPUG | Bellingham, WA 98225 | 10/5 | U2 | AN6 |
| WWVA | Wheeling, WV 26003 | 50 | U2 | AN7 |
| CKGY | Red Deer, AB | 10/5 | U4 | AN7 |
| CFML | Cornwall, ON | 10 | D3 | D |

+lp: USA 15/Can 5

**1180kHz**

| | | | | |
|---|---|---|---|---|
| KBWA | Williams, AZ 86046 | 10/1 | U1 | NH |
| KERI | Wasco, CA 93280 | 10/1 | U2 | AN |
| "VOA" | Marathon Key, FL (Addr: Washington, DC 20025) | 50 | U3 | SH |
| WSAF | Trion, GA 30753 | 5 | D1 | D |
| WKKE | Pearl, MS (Addr: Jackson, MS 39208) | 10/0.5 | U2 | AN |
| KOFI | Kalispell, MT 59901 | 50/10 | U2 | AN6 |
| KNPE | Bellevue, NE | 5/1 | U4 | |
| WHAM | Rochester, NY 14604 | 50 | U1 | AN6 |
| KTUN | Humble, TX 77338 | 1 | U1 | |

+lp: USA 3

**1190kHz**

| | | | | |
|---|---|---|---|---|
| KRDS | Tolleson, AZ (Addr: Phoenix, AZ 85021) | 5/0.25 | U4 | AN6 |
| KEZY | Anaheim, CA 92805 | 10/1 | U4 | AN7 |
| KADE | Boulder, CO 80301 | 5 | D1 | D* |
| WGKA | Atlanta, GA 30343 | 5/2.5 | D1 | D |
| WOWO | Fort Wayne, IN 46802 | 50 | U2 | AN7 |
| WANN | Annapolis, MD 21404 | 50 | D3 | D |
| KKOJ | Jackson, MN 56143 | 5 | D3 | D |
| WXGR | Bay St. Louis, MS 39520 | 5 | D1 | D |
| KHAD | De Soto, MO 63020 | 5 | D3 | D* |
| KJLA | Kansas City, MO 64111 | 1/0.25 | U2 | AN7 |
| WLIB | New York, NY 10017 | 10 | L3 | D* |
| KEX | Portland, OR 97201 | 50 | U3 | AN7 |
| KLIF | Dallas, TX (Addr: Arlington, TX 76011) | 50/5 | U4 | AN7 |
| WBDY | Bluefield, VA 24605 | 10 | D3 | D |
| CJMR | Mississauga, ON | 10 | D3 | D |
| CHTN | Charlottetown, PEI | 10 | U2 | AN7 |
| CFSL | Weyburn, SK | 10/5 | U2 | AN |

+lp: USA 18

**1200kHz**

| | | | | |
|---|---|---|---|---|
| K. . . | Pismo Beach, CA 93449 | 5/1 | U1 | |
| KCPC | Rancho Mirage, CA 92270 | 5/1 | U4 | |
| KDEC | Decorah, IA 52101 | 1 | U4 | |
| WYCP | Radcliff, KY 40160 | 5/0.5 | U2 | |
| WFAI | Fayetteville, NC 28302 | 5/0.5 | U2 | AN |
| KFNW | West Fargo, ND (Addr: Fargo, ND 58108) | 10/1 | U2 | NH |
| WOAI | San Antonio, TX 78201 | 50 | U1 | AN6 |

+lp: Can 1

**1210kHz**

| | | | | |
|---|---|---|---|---|
| KQTL | Sahuarita, AZ 85629 | 10/1 | U1 | |
| WDGR | Dahlonega, GA 30533 | 10/2.5 | D1 | D |
| WCMQ | Miami Springs, FL (Addr: Miami, FL 22145) | 25/2.5 | U4 | |
| KLIT | Meridian, ID 83642 | 5/0.5 | U1 | |
| WKNX | Saginaw, MI 48603 | 10 | D3 | D* |
| KGYN | Guymon, OK 73942 | 10 | U2 | NH |
| WCAU | Philadelphia, PA 19131 | 50 | U1 | AN7 |
| KCLG | Washington, UT 84780 | 10/0.25 | U1 | NH |
| KASY | Auburn, WA 98002 | 10/1 | U1 | |
| KREW | Sunnyside, WA 98944 | 10/1 | U1 | NH |
| KRSV | Afton, WY 83110 | 5/0.25 | U1 | |
| KOJO | Laramie, WY 82020 | 25/1 | U4 | |

+lp: USA 3/Can 1

**1220kHz**

| | | | | |
|---|---|---|---|---|
| KVAK | Valdez, AK 99686 | 1/0.25 | U1 | |
| KDFC | Palo Alto, CA 94302 | 5 | D1 | D* |
| WKTZ | Jacksonville, FL 32211 | 5 | D3 | D* |
| WSLM | Salem, IN 47167 | 5 | D3 | D* |
| WAVN | Stillwater, MN 55082 | 5 | D1 | D* |
| WGNY | Newburgh, NY 12550 | 5 | D3 | D* |
| WENC | Whiteville, NC 28472 | 5 | D1 | D* |
| WGAR | Cleveland, OH 44147 | 50 | U3 | AN7 |
| WFAX | Falls Church, VA 22046 | 5 | D1 | D* |
| CJOC | Lethbridge, AB | 10/5 | U2 | AN7 |
| CKDA | Victoria, BC | 50 | U3 | AN7 |
| CJRB | Boissevain, MB | 10 | U4 | AN7 |
| CKCW | Moncton, NB | 25/10 | U2 | AN6 |
| CJSS | Cornwall, ON | 1 | U4 | AN |
| CJRL | Kenora, ON | 1 | U1 | AN |
| CHSC | St. Catharines, ON | 10 | U4 | AN7 |
| CFVM | Amqui, PQ | 5 | U2 | AN |
| CKSM | Shawinigan, PQ | 10/2.5 | U4 | AN |

+lp: USA 42 (all D or D*)

**1230kHz**

USA 172 st's mostly with 1kW

| | | | | |
|---|---|---|---|---|
| CJOK | Fort McMurray, AB | 1/0.5 | U1 | AN7 |
| CIYR | Hinton, AB | 1/0.25 | U1 | NH |
| CJLW | Wainwright, AB | 1/0.25 | U1 | AN |
| CKQR | Castlegar, BC | 1/0.25 | U5 | AN7 |
| CKTK | Kitimat, BC | 1/0.25 | U1 | AN7 |
| CJNL | Merritt, BC | 1/0.25 | U1 | AN7 |
| CFBV | Smithers, BC | 1/0.25 | U1 | AN7 |
| CFLN | Goose Bay, Labrador, NF | 1/0.25 | U1 | NH |
| CFFB | Frobisher Bay, NWT | 1 | U1 | NH |
| CFLK | Kapuskasing, ON | 1/0.25 | U1 | AN |
| CKMP | Midland, ON | 1/0.25 | U1 | NH |
| CJTT | New Liskeard, ON | 1/0.25 | U1 | NH |
| CJLB | Thunder Bay, ON | 1/0.25 | U1 | AN |
| CJLP | Disraeli, PQ | 1/0.25 | U1 | AN7 |
| CHVD | Dolbeau, PQ | 10/0.25 | U1 | AN7 |
| CBON | Maniwaki, PQ | 1/0.25 | U1 | NH |
| CJCA | Ste-Agathe-des-Monts, PQ | 1/0.25 | U1 | NH |
| ZBM-1 | Hamilton, Bermuda | 1 | U1 | NH |

+lp: Can 20

**1240kHz**

USA 156 st's mostly with 1kW

| | | | | |
|---|---|---|---|---|
| CFEK | Fernie, BC | 1/0.5 | U3 | AN6 |
| CKGO | Hope, BC | 1/0.25 | U1 | AN6 |
| CKMK | MacKenzie, BC | 1/0.25 | U1 | AN7 |
| CKOO | Osoyoos, BC | 1/0.25 | U1 | AN6 |
| CKBX | 100 Mile House, BC | 1/0.25 | U1 | AN |

**1240kHz**

| | | | | |
|---|---|---|---|---|
| CJAV | Port Alberni, BC | 1/0.25 | U1 | NH |
| CFNI | Port Hardy, BC | 1/0.25 | U1 | |
| CJAR | The Pas, MB | 1/0.5 | U1 | NH |
| CKIM | Baie Verte, NF | 1/0.5 | U1 | AN7 |
| CBSI-4 | Wabush-Labrador City, NF | 1/0.25 | U1 | NH |
| CJCD | Yellowknife, NWT | 1 | U1 | NH |
| CJNH | Bancroft, ON | 1/0.25 | U1 | NH |
| CJWA | Wawa, ON | 1/0.25 | U1 | AN |
| CJAF | Cabano, PQ | 1/0.25 | U1 | AN7 |
| CJMD | Chibougamau, PQ | 1/0.25 | U1 | AN7 |
| CIRB | Lac-Etchemin, PQ | 1/0.25 | U1 | NH |
| CKLS | La Sarre, PQ | 1/0.25 | U1 | AN |
| CFLM | La Tuque, PQ | 1/0.25 | U1 | NH |
| CJNS | Meadow Lake, SK | 1/0.25 | U1 | NH |

+lp: Can 16

**1250kHz**

| | | | | |
|---|---|---|---|---|
| WZOB | Fort Payne, AL 35967 | 5 | D1 | D |
| WETU | Wetumpka, AL 36092 | 5 | D1 | D* |
| KBBI | Homer, AK 99603 | 5 | U1 | NH |
| KHIL | Willcox, AZ 85643 | 5 | D1 | D* |
| KLAZ | Little Rock, AZ 72207 | 1/0.5 | U2 | AN7 |
| KNCO | Grass Valley, CA 95945 | 0.5/1 | U4 | NH |
| KTMS | Santa Barbara, CA 93102 | 2.5/1 | U3 | AN7 |
| KLLK | Willits, CA 95490 | 2.5/1 | U4 | |
| WDAE | Tampa, FL 33609 | 5 | U3 | AN7 |
| WGL | Fort Wayne, IN 46819 | 1 | U4 | NH |
| KFKU | Lawrence, KS 66044 | 5 | ST2 | SH |
| WREN | Topeka, KS 66601 | 5 | ST2 | AN7 |
| WGUY | Brewer, ME 04412 | 5 | U2 | |
| WARE | Ware, MA 01082 | 5/2.5 | U4 | NH |
| KBRF | Fergus Falls, MN 56537 | 5/1 | U4 | AN |
| WHNY | McComb, MS 39648 | 5/1 | U2 | NH |
| KIKC | Forsyth, MT 59327 | 5 | D1 | D* |
| WKBR | Manchester, NH 03102 | 5 | U4 | AN |
| WMTR | Morristown, NJ 07960 | 5/1 | U4 | AN |
| WFAG | Farmville, NC 27828 | 5/2.5 | U4 | |
| WTAE | Pittsburgh, PA 15230 | 5 | U2 | AN7 |
| WTMA | Charleston, SC 29407 | 5/1 | U2 | AN7 |
| KALO | Port Arthur, TX 77640 | 5/1 | U2 | AN |
| KXET | San Antonio, TX 78212 | 1/0.5 | U2 | AN |
| KNEU | Roosevelt, UT 84066 | 5 | D1 | D* |
| WDVA | Danville, VA 24541 | 5 | U2 | AN6 |
| WPRZ | Warrenton, VA 22186 | 5 | D3 | D |
| KWSU | Pullman, WA 99164 | 5 | U1 | NH |
| KKFX | Seattle, WA 98101 | 5 | U2 | AN6 |
| WYKM | Rupert, WV 25984 | 5 | D1 | |
| WEMP | Milwaukee, WI | 5 | U4 | AN6 |
| | (Addr: Hales Corners, WI 53130) | | | |
| CHSM | Steinbach, MB | 10 | U4 | AN7 |
| CHWO | Oakville, ON | 10/5 | U4 | AN7 |
| CBOF | Ottawa, ON | 50 | U4 | NH |
| CBGA | Matane, PQ | 10/5 | U2 | NH |
| CKOM | Saskatoon, SK | 10 | U2 | AN7 |

+lp: USA 32

**1260kHz**

| | | | | |
|---|---|---|---|---|
| WCRT | Birmingham, AL 35201 | 5/1 | U2 | |
| KGIL | San Fernando, CA 91345 | 5/1 | U4 | AN6 |
| KOIT | San Francisco, CA 94133 | 5/1 | U1 | AN7 |
| KSNO | Aspen, CO 81611 | 5 | D1 | D* |
| WWDC | Washington, DC 20036 | 5 | U4 | AN7 |
| WSUA | Miami, FL 33140 | 5 | U4 | AN6 |
| WIYD | Palatka, FL 32077 | 1/0.5 | U2 | NH |
| WUFE | Baxley, GA 31513 | 5 | D1 | D* |
| WTJH | East Point, GA 30344 | 5 | D1 | D* |
| KTEE | Idaho Falls, ID 83401 | 5 | D1 | D* |
| WIBV | Belleville, IL 62222 | 5 | U4 | NH |
| WNDE | Indianapolis, IN 46220 | 5 | U2 | AN7 |
| KWHK | Hutchinson, KS 67501 | 1/0.5 | U4 | NH |
| WEZE | Boston, MA | 5 | U2 | AN6 |
| | (Addr: Milton, MA 02186) | | | |
| WELL | Albion, MI 49224 | 1/0.5 | U2 | NH |
| WWJQ | Zeeland, MI | 5/1 | U4 | |
| | (Addr: Holland, MI 49423) | | | |
| KROX | Crookston, MN 56716 | 1/0.5 | U2 | AN |

**1260kHz**

| | | | | |
|---|---|---|---|---|
| WGVM | Greenville, MS 38701 | 5 | D1 | D* |
| WQIS | Laurel, MS 39440 | 5 | D1 | D* |
| KGBX | Springfield, MO 65805 | 5 | U2 | AN |
| WBUD | Trenton, NJ 08638 | 5/1 | U4 | AN7 |
| KVSF | Santa Fe, NM 87501 | 5/1 | U1 | NH |
| WNDR | Syracuse, NY 13201 | 5 | U2 | AN7 |
| WKXR | Asheboro, NC 27203 | 5/0.5 | U4 | NH |
| WBBG | Cleveland, OH 44115 | 5 | U4 | AN6 |
| WNXT | Portsmouth, OH 45662 | 5/1 | U4 | NH |
| KWSH | Wewoka, OK 74884 | 1 | U2 | NH |
| KCYX | McMinnville, OR 97128 | 1 | U2 | NH |
| WLKK | Erie, PA 16509 | 5 | U4 | AN7 |
| WPHB | Philipsburg, PA 16866 | 5 | D1 | D* |
| WMUU | Greenville, SC 29609 | 5 | D1 | D* |
| KWYR | Winner, SD 57580 | 5 | D1 | D* |
| WNOO | Chattanooga, TN 37406 | 5 | D1 | D* |
| WDKN | Dickson, TN 37055 | 5 | D1 | D* |
| WCHV | Charlottesville, VA 22905 | 5/2.5 | U4 | AN6 |
| WXCE | Amery, WI 54001 | 5 | U4 | NH |
| KPOW | Powell, WY 82435 | 5/1 | U2 | NH |
| CFRN | Edmonton, AB | 50 | U2 | AN7 |
| CIHI | Fredericton, NB | 10 | U2 | AN7 |

+lp: USA 30

**1270kHz**

| | | | | |
|---|---|---|---|---|
| WKSJ | Prichard, AL | 5 | D1 | D* |
| | (Addr: Mobile, AL 36608) | 5 | D1 | D* |
| KIAM | Nenana, AK | 5 | U | new |
| KDJI | Holbrook, AZ 86025 | 5 | D1 | D* |
| KABS | Pine Bluff, AR 71601 | 5 | D1 | D* |
| KCOK | Tulare, CA 93274 | 5/1 | U2 | AN |
| WNOG | Naples, FL 33940 | 1 | U4 | NH |
| WORL | Eatonville, FL | 5 | U3 | |
| | (Addr: Orlando, FL 32808) | | | |
| WTNT | Tallahassee, FL 32302 | 5 | U2 | NH |
| WHYD | Columbus, GA 31906 | 5 | D1 | D* |
| WJJC | Commerce, GA 30529 | 5 | D1 | D |
| KTFI | Twin Falls, ID 83301 | 5/1 | U1 | NH |
| WEIC | Charleston, IL 61920 | 1/0.5 | U4 | AN7 |
| WHBF | Rock Island, IL 61201 | 5 | U2 | AN7 |
| WCMR | Elkhart, IN 46515 | 5/0.5 | U4 | NH |
| WWCA | Gary, IN 46402 | 1 | U3 | NH |
| KSCB | Liberal, KS 67901 | 1/0.5 | U2 | NH |
| WCBC | Cumberland, MD 21502 | 5/1 | U4 | AN |
| WSPR | Springfield, MA 01103 | 5/1 | U3 | AN7 |
| WVOY | Charlevoix, MI 49720 | 5 | U2 | AN |
| WXYT | Detroit, MI | 5 | U2 | AN7 |
| | (Addr: Southfield, MI 48075) | | | |
| KPRM | Park Rapids, MN 56470 | 5 | D1 | D |
| KWEB | Rochester, MN 55901 | 5/1 | U4 | AN6 |
| WLSM | Louisville, MS 39339 | 5 | D1 | D* |
| KORY | Sparks, NV 89431 | 5 | U2 | |
| WTSN | Dover, NH 03820 | 5 | U4 | AN |
| WHLD | Niagara Falls, NY 14302 | 5 | D3 | D* |
| WDLA | Walton, NY 13856 | 5 | D1 | D* |
| WCGC | Belmont, NC 28012 | 1/0.5 | U2 | NH |
| WMPM | Smithfield, NC 27577 | 5 | D1 | D* |
| KLXX | Bismarck, ND 58501 | 1/0.25 | U1 | AN |
| KAJO | Grants Pass, OR 97526 | 5 | D1 | D* |
| WLBR | Lebanon, PA 17042 | 5/1 | U4 | NH |
| WYAK | Surfside Beach, SC 29577 | 5 | D3 | D |
| KNWC | Sioux Falls, SD 57101 | 2.5 | U2 | NH |
| WLIK | Newport, TN 37821 | 5/0.5 | U2 | NH |
| KIOX | Bay City, TX 77414 | 1 | U2 | NH |
| KSSA | Fort Worth, TX 76101 | 5 | U3 | AN7 |
| WTJZ | Newport News, VA | 1 | U2 | |
| | (Addr: Hampton, VA 23669) | | | |
| WHEO | Stuart, VA 24171 | 5 | D1 | D* |
| KBAM | Longview, WA 98632 | 5 | D1 | D* |
| KIML | Gillette, WY 82716 | 5/1 | U2 | AN7 |
| CHAT | Medicine Hat, AB | 10 | U2 | AN7 |
| CHWK | Chilliwack, BC | 10 | U2 | AN6 |
| CJCB | Sydney, NS | 10 | U2 | AN7 |
| CJTN | Trenton, ON | 1 | U1 | NH |
| CFGT | Alma, PQ | 10/5 | U2 | AN6 |

+lp: USA 27/Can 1

**1280kHz**

| | | | | |
|---|---|---|---|---|
| WNPT | Tuscaloosa, AL 35401 | 5/0.5 | U2 | AN |
| KKAL | Arroyo Grande, CA 93420 | 5/2.5 | U4 | AN |
| KFRN | Long Beach, CA 90802 | 1 | U1 | AN7 |
| KJOY | Stockton, CA 95201 | 1 | U2 | AN7 |
| KBRQ | Denver, CO 80204 | 5 | U4 | AN7 |
| WGTX | DeFuniak Springs, FL 32433 | 5 | D1 | D* |
| WEXI | Jacksonville, FL 32211 | 5 | D1 | D* |
| WIPC | Lake Wales, FL 33853 | 1/0.5 | U2 | AN6 |
| WIBB | Malcon, GA 31201 | 5 | D1 | D* |
| WMRO | Aurora, IL 60504 | 2.5/0.5 | U4 | AN6 |
| WGBF | Evansville, IN 47734 | 5/1 | U2 | AN7 |
| WAOB | Winamac, IN 46996 | 5 | D3 | D |
| KSOK | Arkansas City, KS 67005 | 1/0.1 | U1 | NH |
| WQUE | New Orleans, LA 70116 | 5 | U3 | AN7 |
| WABK | Gardiner, ME 04345 | 5 | U2 | NH |
| WEIM | Fitchburg, MA 01420 | 5/1 | U4 | NH |
| WWTC | Minneapolis, MN 55402 | 5 | U2 | AN6 |
| KVOX | Moorehead, MN 56560 | 5/1 | U4 | NH |
| KREL | Henderson, NV 89015 | 5 | D1 | D |
| KRZE | Farmington, NM 87401 | 5 | D1 | D* |
| WADO | New York, NY 10017 | 5 | U3 | AN6 |
| WPXY | Rochester, NY 14610 | 5 | U2 | AN6 |
| WSAT | Salisbury, NC 28144 | 1 | U2 | NH |
| WYAL | Scotland Neck, NC 27874 | 5 | D1 | D* |
| WONW | Defiance, OH 43512 | 1/0.5 | U2 | NH |
| KYKN | Eugene, OR 97401 | 5/1 | U2 | AN7 |
| WHVR | Hanover, PA 17331 | 5/0.5 | U4 | NH |
| WKST | New Castle, PA 16101 | 1 | U2 | NH |
| WANS | Anderson, SC 29621 | 5/1 | U2 | AN7 |
| WJAY | Mullins, SC 29574 | 5 | D1 | D* |
| WMCP | Columbia, TN 38401 | 5/0.4 | U4 | |
| KDYL | Salt Lake City, UT 84104 | 5/0.5 | U2 | AN7 |
| KUDY | Spokane, WA 99203 | 5 | D3 | D* |
| KIT | Yakima, WA 98907 | 5/1 | U1 | AN7 |
| WNAM | Neenah, WI 54956 | 5/1 | U4 | AN7 |
| CHRB | High River, AB | 10 | U4 | AN7 |
| CHQB | Powell River, BC | 1 | U3 | NH |
| CHAM | Hamilton, ON | 10 | U4 | AN7 |
| CJMS | Montreal, PQ | 50 | U4 | AN7 |
| CKCV | Quebec, PQ | 50 | U4 | AN7 |
| CJSL | Estevan, SK | 10 | U4 | AN6 |
| VSB | Hamilton, Bermuda | 1 | U1 | AN |

+Ip: USA 28/Can 1

**1290kHz**

| | | | | |
|---|---|---|---|---|
| WOPP | Opp, AL 36467 | 2.5/0.5 | U4 | NH |
| KETH | Ketchikan, AK 99901 | 5 | U1 | new |
| KCUB | Tucson, AZ 85703 | 5/1 | U5 | AN7 |
| KDMS | El Dorado, AR 71730 | 5 | D1 | D* |
| KUOA | Siloam Springs, AR 72761 | 5 | D1 | D* |
| KHSL | Chico, CA 95926 | 5 | U2 | NH |
| KAZA | San Jose, CA 95118 | 5 | D3 | D* |
| KMEN | San Bernardino, CA 92402 | 5 | U4 | AN7 |
| WCCC | Hartford, CT 06103 | 5 | D3 | D* |
| WTMC | Ocala, FL 32670 | 5/1 | U2 | AN |
| WPCK | West Palm Beach, FL 33402 | 5/1 | U2 | AN |
| WCHK | Canton, GA 30114 | 5/0.5 | U3 | NH |
| WWSA | Savannah, GA 31402 | 5 | U2 | AN7 |
| WIRL | Peoria, IL 61614 | 5 | U4 | AN7 |
| KWLS | Pratt, KS 67124 | 5/0.5 | U4 | NH |
| WCBL | Benton, KY 42025 | 5 | D1 | D* |
| WKLB | Manchester, KY 40962 | 5 | D | D |
| WHGR | Houghton Lake, MI 48629 | 5 | U2 | NH |
| KGVO | Missoula, MT 59801 | 5 | U2 | AN6 |
| KOIL | Omaha, NE 68114 | 5 | U2 | AN6 |
| WKNE | Keene, NH 03431 | 5 | U3 | AN |
| WGLI | Babylon, NY 11704 | 5/1 | U4 | NH |
| WNBF | Binghamton, NY 13902 | 5 | U2 | AN7 |
| WHKY | Hickory, NC 28601 | 5/1 | U2 | NH |
| WHIO | Dayton, OH 45401 | 5 | U2 | AN7 |
| KUMA | Pendleton, OR 97801 | 5 | U2 | NH |
| KLIQ | Lake Oswego, OR 97034 | 5 | U3 | |
| WFBG | Altoona, PA 16603 | 5/1 | U2 | AN |
| WCRP | Providence, RI 02904 | 5/1 | U4 | NH |
| WFIG | Sumter, SC 29150 | 1 | U2 | AN |
| WTNX | Lynchburg, TN 37352 | 5 | D1 | D |
| WATO | Oak Ridge, TN 37830 | 5/0.5 | U4 | NH |
| KRGV | Weslaco, TX 78596 | 5 | U2 | NH |
| KTRN | Wichita Falls, TX 76307 | 5/1 | U2 | AN6 |

**1290kHz**

| | | | | |
|---|---|---|---|---|
| WYNT | Petersburg, VA 23803 | 5 | D1 | D* |
| WVOW | Logan, WV 25601 | 5/1 | U2 | NH |
| WLZZ | Franklin, WI 53132 | 5 | U4 | |
| WCOW | Sparta, WI 54656 | 5 | D1 | D* |
| KOWB | Laramie, WY 82070 | 5/1 | U4 | NH |
| CFRW | Winnipeg, MD | 10 | U4 | AN7 |
| CJBK | London, ON | 10 | U3 | AN7 |
| CHRM | Matane, PQ | 10 | U4 | AN |

+Ip: USA 29

**1300kHz**

| | | | | |
|---|---|---|---|---|
| WEZQ | Winfield, AL 35594 | 5 | D1 | D* |
| KGHX | Fairbanks, AK 99701 | 1 | U1 | |
| KWCK | Searcy, AR 72143 | 5 | D1 | D* |
| KROP | Brawley, CA 92227 | 1/0.5 | U1 | AN |
| KYNO | Fresno, CA 93703 | 5/1 | U2 | AN7 |
| KPMO | Mendocino, CA | 5 | D3 | D* |
| | (Addr: Fort Bragg, CA 95437) | | | |
| KWKW | Pasadena, CA | 5/2.5 | U2 | AN7 |
| | (Addr: Hollywood, CA 90028) | | | |
| KVOR | Colorado Springs, CO 80901 | 5/1 | U1 | AN7 |
| WAVZ | New Haven, CT | 1 | U2 | AN6 |
| | (Addr: North Haven, CT 06473) | | | |
| WRKT | Cocoa, FL 32922 | 5/1 | U4 | NH |
| WFFG | Marathon, FL 33050 | 2.5 | U3 | NH |
| WTYM | Tampa, FL 33606 | 5/1 | U4 | |
| WMTM | Moultrie, GA 31768 | 5 | D1 | D* |
| KLER | Orofino, ID 83544 | 1 | U2 | NH |
| WTAQ | La Grange, IL 60525 | 5/0.5 | U4 | NH |
| KGLO | Mason City, IA 50401 | 5 | U2 | NH |
| WTKC | Lexington, KY 40508 | 2.5/1 | U2 | AN7 |
| WIBR | Baton Rouge, LA 70821 | 5/1 | U4 | AN7 |
| KFLO | Shreveport, LA 71101 | 5 | D1 | D* |
| WFBR | Baltimore, MD 21218 | 5 | U4 | AN7 |
| WOOD | Grand Rapids, MI 49503 | 5 | U2 | AN |
| WKXI | Jackson, MS 39206 | 5/1 | U1 | AN |
| KSWN | McCook, NE 69001 | 5 | D3 | D* |
| KPTL | Carson City, NV 89701 | 5/0.5 | U2 | AN |
| WPNH | Plymouth, NH 03264 | 5 | D1 | D* |
| WIMG | Princeton, NJ 08540 | 5/2.5 | U4 | |
| WXRL | Lancaster, NY 14086 | 1/2.5 | U4 | AN |
| WQBK | Rensselaer, NY | 5 | U4 | AN |
| | (Addr: Albany, NY 12201) | | | |
| WSYD | Mount Airy, NC 27030 | 5/1 | U2 | NH |
| WERE | Cleveland, OH 44114 | 5 | U3 | AN7 |
| KBBJ | Tulsa, OK 74135 | 5/1 | U4 | AN7 |
| KHUG | Phoenix, OR | 5 | U2 | |
| | (Addr: Medford, OR 97501) | | | |
| WXPX | West Hazelton, PA | 5/0.5 | U4 | |
| KOLY | Mobridge, SD 57601 | 5 | D1 | D* |
| WMTN | Morristown, TN 37814 | 5 | D1 | D* |
| WNQM | Nashville, TN 37202 | 5 | U2 | AN7 |
| KVET | Austin, TX 78767 | 5/1 | U4 | AN7 |
| KLAR | Laredo, TX 78041 | 1/0.5 | U2 | AN |
| KKQA | Nephi, UT | 5 | D1 | D |
| WKCY | Harrisonburg, VA 22801 | 5 | D1 | D* |
| KMPS | Seattle, WA 98124 | 5 | U2 | AN7 |
| CBAF | Moncton, NB | 5 | U4 | NH |
| CJME | Regina, SK | 10 | U4 | AN7 |

+Ip: USA 28/Can 1

**1310kHz**

| | | | | |
|---|---|---|---|---|
| WAJO | Marion, AL 36756 | 5 | D1 | D* |
| KZZP | Phoenix, AZ 85018 | 5/0.5 | U2 | AN6 |
| KIOT | Barstow, CA 92311 | 5/1 | U4 | D |
| KFYI | Oakland, CA 94662 | 5 | U3 | AN7 |
| KFKA | Greeley, CO 80631 | 5/1 | U2 | NH |
| WICH | Norwich, CT 06360 | 5 | U4 | NH |
| WYND | DeLand, FL 32720 | 5 | D1 | D* |
| WAUC | Wauchula, FL 33873 | 5 | D3 | D* |
| KLIX | Twin Falls, ID 83301 | 5/2.5 | U2 | AN7 |
| WIFE | Indianapolis, IN 46202 | 5/1 | U2 | AN7 |
| KOKX | Keokuk, IA 52632 | 1/0.5 | U2 | NH |
| WTTL | Madisonville, KY 42431 | 1/0.5 | U2 | AN |
| WDOC | Prestonsburg, KY 41653 | 5 | D1 | D |
| WLOB | Portland, ME 04103 | 5 | U4 | NH |
| WORC | Worcester, MA 01608 | 5/1 | U4 | NH |

**1310kHz**

| | | | | |
|---|---|---|---|---|
| WNIC | Dearborn, MI 48121 | 5 | U4 | AN6 |
| WCCW | Traverse City, MI 49684 | 5 | D1 | D* |
| KFSB | Joplin, MO 64801 | 5/1 | U4 | NH |
| KEIN | Great Falls, MT 59403 | 5/1 | U1 | AN7 |
| WJLK | Asbury Park, NJ 07712 | 2.5/1 | U4 | AN7 |
| WSSJ | Camden, NJ 08101 | 1/0.25 | U1 | AN6 |
| KXAK | Corrales, NM 87048 | 5/0.5 | U2 | |
| WVIP | Mount Kisco, NY 10549 | 5 | D3 | D* |
| WTLB | Utica, NY (Addr: Washington Mills, NY 13479) | 5/0.5 | U4 | AN6 |
| WISE | Asheville, NC 28804 | 5/1 | U2 | AN6 |
| WTIK | Durham, NC 27702 | 5/1 | U4 | AN6 |
| KNOX | Grand Forks, ND 58201 | 5 | U2 | AN6 |
| KNPT | Newport, OR 97365 | 5/1 | U2 | NH |
| WBFD | Bedford, PA 15522 | 5 | D1 | D* |
| WGSA | Ephrata, PA 17522 | 5 | D3 | D* |
| WNAE | Warren, PA 16365 | 5 | D1 | D* |
| WDKD | Kingstree, SC 29556 | 5 | D1 | D* |
| WDOD | Chattanooga, TN 37405 | 5 | U2 | NH |
| WDXI | Jackson, TN 38301 | 5/1 | U2 | AN |
| KAAM | Dallas, TX 75226 | 5/1 | U4 | AN7 |
| KBUC | San Antonio, TX 78220 | 5 | D3 | D* |
| WEEL | Fairfax, VA 22030 | 5/0.5 | U4 | AN7 |
| WNSY | Newport News, VA (Addr: Hampton, VA 23670) | 5 | U2 | AN7 |
| KARY | Prosser, WA 99350 | 5 | D1 | D* |
| WSLW | White Sulphur Springs, WV 24986 | 5 | D1 | D* |
| WIBA | Madison, WI 53701 | 5 | U2 | AN6 |
| CHLW | St. Paul, AB | 10 | U2 | AN |
| CKOY | Ottawa, ON | 50 | U4 | AN7 |
| CHGB | La Pocatière, PQ | 10 | U2 | NH |

+lp: USA 24

**1320kHz**

| | | | | |
|---|---|---|---|---|
| WAGG | Birmingham, AL 35201 | 5 | D1 | D* |
| WDBM | Dothan, AL 36301 | 1 | U2 | AN |
| KWHN | Fort Smith, AR 72901 | 5 | U2 | NH |
| KGNR | Sacramento, CA 95818 | 5 | U4 | AN |
| WATR | Waterbury, CT 06706 | 5/1 | U4 | NH |
| WLQY | Hollywood, FL 33024 | 5 | U4 | AN7 |
| WQIK | Jacksonville, FL 32205 | 5 | U2 | AN7 |
| WAMR | Venice, FL 33595 | 5/1 | U2 | AN7 |
| WHIE | Griffin, GA 30224 | 5 | D1 | D* |
| WKAN | Kankakee, IL 60901 | 1/0.5 | U2 | NH |
| KNCB | Vivian, LA 71082 | 5 | D1 | D* |
| WARA | Attleboro, MA 02703 | 1 | U4 | NH |
| WILS | Lansing, MI 48910 | 5/1 | U4 | AN7 |
| WDMJ | Marquette, MI 49855 | 5/1 | U2 | NH |
| KOZY | Grand Rapids, MN 55744 | 5 | U2 | NH |
| WRJW | Picayune, MS 39466 | 5 | D1 | D* |
| KSIV | Clayton, MO 63105 | 5 | D1 | D* |
| KOLT | Scottsbluff, NE 69361 | 5/1 | U2 | AN |
| WDER | Derry, NH 03038 | 5/1 | U4 | |
| WHHO | Hornell, NY 14843 | 5 | D1 | D* |
| WAGY | Forest City, NC 28043 | 1/0.5 | U1 | AN |
| WCOG | Greensboro, NC 27410 | 5 | U4 | AN7 |
| WKRK | Murphy, NC 28906 | 5 | D1 | D* |
| WOBL | Oberlin, OH 44074 | 1 | U4 | AN |
| WKAP | Allentown, PA 18105 | 5/1 | U4 | AN7 |
| WGET | Gettysburg, PA 17325 | 1/0.5 | U4 | NH |
| WJAS | Pittsburgh, PA 15220 | 5 | U2 | AN7 |
| WBQW | Scranton, PA 18504 | 1/0.5 | U2 | NH |
| WOIC | Columbia, SC 29202 | 5/2.5 | U2 | AN |
| KELO | Sioux Falls, SD 57102 | 5 | U2 | AN |
| WKIN | Kingsport, TN 37662 | 5/0.5 | U2 | |
| WMSR | Manchester, TN 37355 | 5 | D1 | D* |
| KXYZ | Houston, TX 77017 | 5 | U2 | AN7 |
| KBUG | Salt Lake City, UT 84104 | 5 | U3 | AN7 |
| WRJY | Richmond, VA 23261 | 5 | D3 | D* |
| KXRO | Aberdeen, WA 98520 | 5/1 | U2 | NH |
| WFHR | Wisconsin Rapids, WI 54494 | 5/0.5 | U2 | AN |
| CHQM | Vancouver, BC | 50 | U4 | AN7 |
| CKEC | New Glasgow, NS | 5 | U2 | AN7 |
| CFGM | Richmond Hill, ON | 50 | U4 | AN6 |
| CJSO | Sorel, PQ | 10/5 | U4 | NH |

+lp: USA 27/Can 2

**1330kHz**

| | | | | |
|---|---|---|---|---|
| WPRN | Butler, AL 36904 | 5 | D | D |
| WKEA | Scottsboro, AL 35768 | 5 | D1 | D* |
| KHYT | Tucson, AZ 85726 | 5 | U2 | AN |
| KFAC | Los Angeles, CA 90036 | 5 | U2 | AN7 |
| KCLM | Redding, CA 96001 | 5 | D1 | D* |
| WFTP | Fort Pierce, FL 33454 | 1/0.5 | U2 | AN |
| WAVX | Milton, FL 32570 | 5 | D1 | new |
| WCVC | Tallahassee, FL 32303 | 5 | D1 | D* |
| WMLT | Dublin, GA 31021 | 5/0.5 | U2 | NH |
| KSKI | Hailey, ID 83333 | 5/1 | U2 | NH |
| WEAW | Evanston, IL 60202 | 5 | D3 | D* |
| WVHI | Evansville, IN 47708 | 5/1 | U2 | AN |
| KWLO | Waterloo, IA 50704 | 5 | U4 | AN7 |
| KFH | Wichita, KS 67202 | 5 | U2 | AN7 |
| WYGO | Corbin, KY 40701 | 5 | D3 | D* |
| KVOL | Lafayette, LA 70501 | 5/1 | U2 | AN7 |
| WASA | Havre de Grace, MD 21078 | 5/0.5 | U2 | |
| WDLW | Waltham, MA 02154 | 5 | U4 | AN6 |
| WTRX | Flint, MI 48501 | 5/1 | U4 | AN7 |
| KSJN | St. Paul, MN 55116 | 5 | U4 | SH |
| WFTO | Fulton, MS 38843 | 5 | D1 | D* |
| WNIX | Greenville, MS 38701 | 1/0.5 | U2 | AN6 |
| KGAK | Gallup, NM 87301 | 5/1 | U2 | AN |
| WNYM | New York, NY 10312 | 5 | ST3 | SH |
| WPOW | New York, NY 10312 | 5 | ST3 | SH |
| WEBO | Owego, NY 13827 | 5 | D1 | D* |
| WHOT | Campbell, OH (Addr: Youngstown, OH 44505) | 0.5/5 | U4 | AN7 |
| KUPL | Portland, OR 97221 | 5 | U3 | AN7 |
| WRIE | Erie, PA 16512 | 5 | U4 | AN7 |
| WADJ | Somerset, PA 15501 | 5 | D3 | D* |
| WLAT | Conway, SC 29526 | 5/0.5 | U2 | NH |
| WFBC | Greenville, SC 29602 | 5 | U2 | AN7 |
| KVKM | Monahans, TX 79756 | 5/1 | U2 | NH |
| WBTM | Danville, VA 24541 | 5/1 | U2 | NH |
| WESR | Tasley, VA 23441 | 5 | D1 | D* |
| KMBI | Spokane, WA 99203 | 5 | D1 | D* |
| WHBL | Sheboygan, WI 53081 | 5/1 | U4 | NH |
| KOVE | Lander, WY 82520 | 5/1 | U2 | NH |
| CKLD | Thetford Mines, PQ | 10 | U3 | AN7 |
| CKKR | Rosetown, SK | 10 | U3 | NH |

+lp: USA 28

**1340kHz**

USA 174 st's, mostly with 1kW

| | | | | |
|---|---|---|---|---|
| CIBQ | Brooks, AB | 1/0.25 | U1 | AN7 |
| CHNL-2 | Ashcroft, BC | 1/0.25 | U1 | AN |
| CKGF | Grand Forks, BC | 1/0.25 | U1 | AN6 |
| CKCR | Revelstoke, BC | 1/0.25 | U1 | AN |
| CIVH | Vanderhoof, BC | 1/0.25 | U1 | AN7 |
| C. . . | Cornerbrook, NF | 10/2.5 | U | |
| CFGB | Happy Valley, Labrador, NF | 1 | U1 | NH |
| CFYK | Yellowknife, NWT | 1 | U1 | NH |
| CJLS | Yarmouth, NS | 5/1 | U4 | NH |
| CKNR | Elliot Lake, ON | 1/0.25 | U1 | AN |
| CFLH | Hearst, ON | 1/0.25 | U1 | NH |
| CKDK | Woodstock, ON | 1/0.25 | U5 | AN |
| CHAD | Amos, PQ | 1/0.25 | U1 | AN |
| CJAN | Asbestos, PQ | 1/0.25 | U5 | AN7 |
| CKMG | Maniwaki, PQ | 1/0.25 | U1 | NH |
| CBGA-7 | Ste-Anne-des-Monts, PQ | 1/0.25 | U1 | NH |
| CKVT | Temiscamingue, PQ | 1/0.25 | U1 | NH |
| ZBM-2 | Hamilton, Bermuda | 1 | U1 | NH |

+lp: Can 25

**1350kHz**

| | | | | |
|---|---|---|---|---|
| WGAD | Gadsden, AL 35902 | 5/1 | U2 | NH |
| WYLS | York, AL 36925 | 5 | D1 | D* |
| KCKC | San Bernardino, CA 92406 | 5/0.5 | U4 | AN6 |
| KSRO | Santa Rosa, CA 95403 | 5 | U2 | NH |
| KIDN | Pueblo, CO 81002 | 5/1 | U2 | AN7 |
| WNLK | Norwalk, CT 06852 | 1/0.5 | U2 | NH |
| WEZY | Cocoa, FL 32922 | 1 | U2 | AN7 |
| WCOP | Warner Robins, GA 31093 | 5/0.5 | U2 | |
| KRLC | Lewiston, ID 83501 | 5/1 | U2 | AN7 |
| WXCL | Peoria, IL 61604 | 1 | U4 | AN7 |
| WIOU | Kokomo, IN 46901 | 5/1 | U4 | AN6 |
| KRNT | Des Moines, IA 50305 | 5 | U2 | AN7 |

**1350kHz**

| | | | | |
|---|---|---|---|---|
| WLOU | Louisville, KY 40208 | 5/0.5 | U2 | |
| WSMB | New Orleans, LA 70112 | 5 | U2 | AN7 |
| WKZU | Laconia, NH 03246 | 5 | D1 | D* |
| WHWH | Princeton, NJ 08540 | 5 | U4 | AN6 |
| KABQ | Albuquerque, NM 87106 | 5/0.5 | U2 | NH |
| WLLY | Wilson, NC 27893 | 5 | D3 | D* |
| WSLR | Akron, OH 44320 | 5 | U3 | AN7 |
| WOYK | York, PA 17401 | 5/1 | U2 | AN7 |
| KTXJ | Jasper, TX 75951 | 5 | D1 | D* |
| KCOR | San Antonio, TX 78207 | 5 | U2 | AN7 |
| WNVA | Norton, VA 24273 | 5 | D1 | D* |
| WNIS | Norfolk, VA 23501 | 5 | U4 | AN7 |
| CJDC | Dawson Creek, BC | 1 | U1 | NH |
| CKEG | Nanaimo, BC | 10 | U3 | AN7 |
| CKAD | Middleton, NS | 1 | U3 | NH |
| CKAR | Oshawa, ON | 10/5 | U4 | AN7 |
| CHRO | Pembroke, ON | 1 | U3 | NH |
| CJLM | Joliette, PQ | 10/1 | U4 | AN7 |
| CHAL | St-Pamphile, PQ | 1 | U3 | NH |

+lp: USA 36/Can 5

**1360kHz**

| | | | | |
|---|---|---|---|---|
| WMOB | Mobile, AL 36601 | 5 | D3 | D* |
| KLFF | Phoenix, AZ 85063 | 5/0.5 | U2 | AN7 |
| KFFA | Helena, AR 72342 | 1 | U2 | NH |
| KZUN | Modesto, CA 95353 | 5/1 | U4 | AN6 |
| KPQP | San Diego, CA 92112 | 5/1 | U1 | AN7 |
| KRVV | Vail, CO 81658 | 5 | D1 | D |
| WDRC | Hartford, CT | 5 | U2 | AN7 |
| | (Addr: Bloomfield, CT 06002) | | | |
| WYXY | Cypress Gardens, FL | 5/2.5 | U4 | NH |
| | (Addr: Winter Haven, FL 33880) | | | |
| WCGL | Jacksonville, FL 32207 | 5 | D1 | D |
| WKAT | Miami Beach, FL 33139 | 5/1 | U1 | AN7 |
| WYSE | Bainbridge, GA 31717 | 5/1 | U2 | AN7 |
| KSCJ | Sioux City, IA 51102 | 5 | U2 | NH |
| WEBB | Baltimore, MD 21216 | 5 | D3 | D* |
| WKYO | Caro, MI 48723 | 1 | U2 | NH |
| WKMI | Kalamazoo, MI 49005 | 5/1 | U2 | AN6 |
| KKBJ | Bemidji, MN 56601 | 5/2.5 | U2 | AN6 |
| WWBZ | Vineland, NJ 08360 | 1 | U2 | AN6 |
| KREE | Ruidoso, NM 88345 | 5 | D1 | D* |
| WKOP | Binghamton, NY 13902 | 5/0.5 | U4 | NH |
| WCHL | Chapel Hill, NC 27514 | 5/2.5 | U2 | AN7 |
| KEYZ | Williston, ND 58801 | 5 | U2 | AN |
| WSAI | Cincinnati, OH 45204 | 5 | U2 | AN7 |
| KOHU | Hermiston, OR 97838 | 1 | U2 | NH |
| KUIK | Hillsboro, OR 97123 | 1 | U2 | |
| KROR | Myrtle Creek, OR 97457 | 5 | D3 | D |
| WIXZ | McKeesport, PA 15035 | 5/1 | U2 | AN6 |
| WPPA | Pottsville, PA 17901 | 5/0.5 | U4 | NH |
| WXKY | Milan, TN 38358 | 5/0.5 | U4 | |
| KBUK | Baytown, TX 77520 | 1 | U4 | AN7 |
| KRYS | Corpus Christi, TX 78408 | 1 | U1 | AN7 |
| KXOL | Fort Worth, TX 76101 | 5/1 | U2 | AN7 |
| WBOB | Galax, VA 24333 | 5 | D1 | D* |
| WHBG | Harrisonburg, VA 22801 | 5 | D1 | D* |
| KAMT | Tacoma, WA 98401 | 5 | U1 | AN6 |
| WGEE | Green Bay, WI 54301 | 5 | U2 | AN6 |
| KRKK | Rock Springs, WY 82901 | 5/1 | U2 | AN6 |
| CKBC | Bathurst, NB | 10 | U2 | NH |
| CJVL | Ste-Marie-de-Beauce, PQ | 10/5 | U4 | AN |

+lp: USA 41/Can 1

**1370kHz**

| | | | | |
|---|---|---|---|---|
| KWRM | Corona, CA 91720 | 5/2.5 | U4 | AN6 |
| KPCO | Quincy, CA 95971 | 5/0.5 | U4 | |
| KEEN | San Jose, CA 95128 | 5 | U4 | AN7 |
| KTMG | Deer Trail, CO 80101 | 5 | D3 | D |
| WWKE | Ocala, FL 32670 | 5 | D1 | D* |
| WCOA | Pensacola, FL 32573 | 5 | U2 | AN6 |
| WLOP | Jesup, GA 31545 | 5 | D1 | D* |
| WGCT | Bloomington, IN 47401 | 5/0.5 | U4 | NH |
| WLTH | Gary, IN 46409 | 1/0.5 | U2 | AN |
| KDTH | Dubuque, IA 52001 | 5 | U2 | NH |
| KGNO | Dodge City, KS 67801 | 5/1 | U2 | NH |
| WGOH | Grayson, KY 41143 | 5 | D1 | D |
| WDEA | Ellsworth, ME 04605 | 5 | U4 | NH |

**1370kHz**

| | | | | |
|---|---|---|---|---|
| WKIK | Leonardtown, MD 20650 | 1 | U2 | NH |
| WKJF | Cadillac, MI 49601 | 5/1 | U4 | NH |
| KSUM | Fairmont, MN 56031 | 1 | U4 | AN6 |
| KCEZ | Butte, MT 59701 | 5 | U1 | NH |
| WFEA | Manchester, NY | 5 | U3 | AN7 |
| | (Addr: Merrimack, NH 03054) | | | |
| WELV | Ellenville, NY 12428 | 5 | D1 | D* |
| WXXI | Rochester, NY 14601 | 5 | U2 | AN7 |
| WLTC | Gastonia, NC 28052 | 5 | D1 | D* |
| WLLN | Lillington, NC 27546 | 5 | D3 | D* |
| WTAB | Tabor City, NC 28463 | 5 | D1 | D* |
| WSPD | Toledo, OH 43602 | 5 | U2 | AN7 |
| KAST | Astoria, OR 97103 | 1 | U2 | NH |
| WWCB | Corry, PA 16407 | 1/0.5 | U2 | NH |
| WKMC | Roaring Spring, PA 16673 | 5 | D3 | D* |
| WSOL | Elloree, SC 29047 | 5 | D3 | D |
| WDEF | Chattanooga, TN 37402 | 5 | U2 | NH |
| KOKE | Austin, TX 78767 | 5/0.5 | U4 | |
| KFRO | Longview, TX 75601 | 1 | U2 | AN7 |
| KSOP | Salt Lake City, UT 84125 | 5/0.5 | U4 | AN7 |
| WHEE | Martinsville, VA 24112 | 5 | D1 | D* |
| WJWS | South Hill, VA 23970 | 5 | D1 | D* |
| WEIF | Moundsville, WV 26041 | 5 | D1 | D* |
| WCCN | Neillsville, WI 54456 | 5 | D1 | D* |
| CFOK | Westlock, AB | 10 | U2 | AN |
| CHPQ | Parksville, BC | 1 | U3 | AN7 |
| CFLV | Valleyfield, PQ | 10/5 | U3 | NH |
| CFVD | Ville Degelis, PQ | 1 | U3 | NH |
| CJWW | Saskatoon, SK | 10 | U4 | AN7 |

+lp: USA 37/Can 2

**1380kHz**

| | | | | |
|---|---|---|---|---|
| WVSA | Vernon, AL 35592 | 5 | D1 | D* |
| KGMS | Sacramento, CA 95825 | 5 | U4 | AN7 |
| KTOM | Salinas, CA 93901 | 5 | U4 | NH |
| WNVR | Waterbury, CT 06721 | 5/0.5 | U4 | AN |
| WAMS | Wilmington, DE 19807 | 5/1 | U7 | AN6 |
| WDAT | Daytona Beach, FL 32018 | 5/2.5 | U4 | AN7 |
| WRBQ | St. Petersburg, FL 33742 | 5 | U2 | AN7 |
| WAOK | Atlanta, GA 30303 | 5 | U2 | AN7 |
| WSIZ | Ocilla, GA 31774 | 5 | D1 | D* |
| WBEL | South Beloit, IL | 5 | U2 | NH |
| | (Addr: Beloit, WI 53511) | | | |
| WQHK | Fort Wayne, IN 46816 | 5 | U4 | AN7 |
| KCIM | Carroll, IA 51401 | 1 | U4 | NH |
| KCNW | Shawnee Mission, KS 66201 | 5 | D3 | D |
| WYNK | Baton Rouge, LA 70821 | 5 | D3 | D* |
| WPLB | Greenville, MI 48838 | 1/0.5 | U2 | NH |
| WPHM | Port Huron, MI 48060 | 5 | U4 | NH |
| KLIZ | Brainerd, MN 56401 | 5 | U2 | AN6 |
| KGLD | St. Louis, MO 63139 | 5/1 | U4 | AN |
| WBBX | Portsmouth, NH 03801 | 1 | U2 | AN |
| WAWZ | Zarephath, NJ 08890 | 5 | ST4 | D |
| WKDM | New York, NY | 5 | ST3 | SH |
| | (Addr: Carlstadt, NJ 07072) | | | |
| WRAQ | Asheville, NC 28806 | 5/1 | U2 | NH |
| WWMG | Trent Woods, NC | 5 | U2 | new |
| WTOB | Winston-Salem, NC 27103 | 5/1 | U2 | AN6 |
| KSWO | Lawton, OK 73502 | 1 | U4 | NH |
| KMUS | Muskogee, OK 74401 | 1/0.5 | U2 | NH |
| KSRV | Ontario, OR 97914 | 5/1 | U2 | NH |
| WGUS | No. Augusta, SC | 5 | D1 | D* |
| | (Addr: Augusta, GA 30903) | | | |
| KOTA | Rapid City, SD 57709 | 5 | U2 | NH |
| WIZO | Franklin, TN 37064 | 5 | U2 | |
| WMPS | Millington, TN 38053 | 2.5/1 | U4 | |
| KBWD | Brownwood, TX 76801 | 1/0.5 | U1 | NH |
| KTSM | El Paso, TX 79925 | 5/0.5 | U1 | NH |
| WSYB | Rutland, VT 05701 | 5/1 | U2 | NH |
| WTVR | Richmond, VA 23230 | 5 | U4 | AN6 |
| KRKO | Everett, WA 98206 | 5 | U2 | AN6 |
| KCKO | Spokane, WA 99203 | 5/2.5 | U4 | |
| CKPC | Brantford, ON | 10 | U4 | AN7 |
| CKLC | Kingston, ON | 10 | U4 | AN6 |
| CHLR | Moncton, NB | 10 | U2 | |
| CFDA | Victoriaville, PQ | 10 | U4 | AN7 |

+lp: USA 31/Can 4

**1390kHz**

| | | | | |
|---|---|---|---|---|
| WHMA | Anniston, AL 36201 | 5/1 | U2 | NH |
| KGER | Long Beach, CA 90807 | 5 | U2 | AN6 |
| KCEY | Modesto, CA 95354 | 5 | U4 | AN6 |
| KJJZ | Westminster, CO 80030 | 5/1 | U4 | |
| WAPR | Avon Park, FL 33825 | 5 | D1 | D* |
| WMGI | Gainesville, FL 32601 | 5 | D1 | D* |
| WISK | Americus, GA 31709 | 5 | D1 | D* |
| WGCI | Chicago, IL 60610 | 5 | U4 | AN6 |
| KMRY | Des Moines, IA 50305 | 1 | U3 | AN6 |
| WKIC | Hazard, KY 41701 | 5 | D1 | D* |
| WEGP | Presque Isle, ME 04769 | 5 | U2 | AN |
| WPLM | Plymouth, MA 02360 | 5 | U4 | NH |
| WGWY | Charlotte, MI 48813 | 5 | D3 | D* |
| KKCM | Waite Park, MN | 2.5/1 | U4 | AN |
| | (Addr: St. Cloud, MN 56302) | | | |
| WROA | Gulfport, MS 39503 | 5 | U4 | AN7 |
| WFEZ | Meridian, MS 39301 | 5 | D1 | D* |
| KJPW | Waynesville, MO 65583 | 5 | D1 | D |
| KENN | Farmington, NM 87401 | 5/1 | U2 | AN |
| KHOB | Hobbs, NM 88240 | 5/0.5 | U2 | |
| WEOK | Poughkeepsie, NY 12602 | 5 | D3 | D |
| WFBL | Syracuse, NY 13206 | 5 | U2 | AN6 |
| WEED | Rocky Mount, NC 27801 | 5/2.5 | U2 | NH |
| WCCS | Shelby, NC 28150 | 1/0.5 | U2 | NH |
| KKOA | Minot, ND 58701 | 5/1 | U1 | AN6 |
| WOHP | Bellefontaine, OH 43311 | 0.5/2.5 | U2 | |
| WMPO | Middleport, OH 45760 | 5 | D1 | D* |
| WFMJ | Youngstown, OH 44503 | 5 | U2 | NH |
| KCRC | Enid, OK 73701 | 1 | U3 | NH |
| KSLM | Salem, OR 97308 | 5/1 | U1 | AN6 |
| WLAN | Lancaster, PA 17604 | 5/1 | U4 | AN |
| WRSC | State College, PA 16801 | 2.5/1 | U2 | |
| WCSC | Charleston, SC 29402 | 5 | U2 | AN7 |
| WTJS | Jackson, TN 38301 | 5/1 | U2 | NH |
| W... | Milan, TN | 5/0.5 | U4 | |
| KBLQ | Logan, UT 84321 | 5/0.5 | U2 | AN |
| WDOT | Burlington, VT 05401 | 5 | U2 | NH |
| WMZQ | Arlington, VA | 5 | U4 | NH |
| | (Addr: Falls Church, VA 22043) | | | |
| WWOD | Lynchburg, VA 24501 | 5/1 | U2 | NH |
| KBBO | Yakima, WA 98909 | 1/0.5 | U2 | NH |
| WRIG | Schofield, WI | 5 | U4 | |
| | (Addr: Wausau, WI 54401) | | | |
| CJCY | Medicine Hat, AB | 10 | U2 | AN7 |
| CKKC | Nelson, BC | 1 | U3 | AN |
| CHOO | Ajax, ON | 10 | U4 | AN7 |

+lp: USA 25

**1400kHz**

USA 176 st's, mostly 1kW

| | | | | |
|---|---|---|---|---|
| CKSQ | Stettler, AB | 1/0.25 | U1 | AN7 |
| CFLD | Burns Lake, BC | 1/0.25 | U1 | AN7 |
| CHNL-1 | Clearwater, BC | 1/0.25 | U1 | AN7 |
| CKGR | Golden, BC | 1/0.25 | U1 | AN |
| CINL | Princeton, BC | 1/0.25 | U1 | AN7 |
| C... | Sparwood, BC | 1/0.25 | U1 | AN6 |
| CBG | Gander, NF | 1 | U | NH |
| CKCB | Collingwood, ON | 1/0.25 | U1 | AN |
| CKOB | Renfrew, ON | 1/0.25 | U1 | AN7 |
| CKFL | Lac Mégantic, PQ | 1/0.25 | U1 | AN7 |
| CJFP | Rivière-du-Loup, PQ | 10/5 | U2 | AN7 |
| CKRN | Rouyn, PQ | 1/0.25 | U1 | AN |
| CIKG | St. Jovite, PQ | 1 | U1 | NH |

+lp: Can 16

**1410kHz**

| | | | | |
|---|---|---|---|---|
| WMML | Mobile, AL 36601 | 5 | U2 | AN6 |
| WIQR | Prattville, AL 36067 | 5/1 | U4 | NH |
| KERN | Bakersfield, CA 93303 | 1 | U1 | AN7 |
| KRML | Carmel, CA 93921 | 5 | U4 | |
| KMYC | Marysville, CA 95901 | 5/1 | U4 | NH |
| KCAL | Redlands, CA 92373 | 5/1 | U4 | NH |
| KCOL | Fort-Collins, CO 80521 | 1 | U2 | AN6 |
| WPOP | Hatford, CT | 5 | U4 | AN6 |
| | (Addr: Newington, CT 06111) | | | |
| WDOV | Dover, DE 19901 | 5 | U2 | NH |
| WMYR | Fort Myers, FL 33902 | 5 | U2 | AN |
| WZST | Leesburg, FL 32748 | 5 | D1 | D* |

**1410kHz**

| | | | | |
|---|---|---|---|---|
| WKQE | Tallahassee, FL 32303 | 5 | D1 | D* |
| WLAQ | Rome, GA 30161 | 1 | U2 | AN |
| WRMN | Elgin, IL 60120 | 1/0.5 | U2 | NH |
| WTIM | Taylorville, IL 62568 | 1 | U4 | |
| KCLO | Leavenworth, KS 66048 | 5 | U | |
| KQAM | Wichita, KS 67204 | 5/1 | U4 | AN7 |
| WLBJ | Bowling Green, KY 42101 | 5/1 | U2 | NH |
| WHLN | Harlan, KY 40831 | 5 | D1 | D* |
| KRWB | Roseau, MN 56751 | 1 | U2 | NH |
| WRDC | Boyle, MS | 5/1 | U4 | |
| | (Addr: Cleveland, MS 38732) | | | |
| KOOQ | North Platte, NE 69101 | 5/0.5 | U2 | NH |
| KVEG | Las Vegas, NV 89114 | 5 | U4 | AN7 |
| WDOE | Dunkirk, NY 14048 | 1/0.5 | U2 | AN |
| WELM | Elmira, NY 14901 | 2.5/0.5 | U4 | AN6 |
| WOTT | Watertown, NY 13601 | 5/1 | U2 | AN6 |
| WSRC | Durham, NC 27702 | 5 | D3 | D* |
| WING | Dayton, OH 45420 | 5 | U2 | AN7 |
| KCNR | Portland, OR 97201 | 5 | D1 | D* |
| WLSH | Lansford, PA 18232 | 5 | D3 | D* |
| KQV | Pittsburgh, PA 15219 | 5 | U4 | AN7 |
| WYLQ | Kingston, TN 37763 | 0.5/1 | U2 | |
| KJCH | Cleveland, TX 77327 | 1 | U4 | |
| KRIG | Odessa, TX 79760 | 1 | U2 | AN6 |
| WGGM | Richmond, VA 23234 | 5 | D1 | D* |
| WRIS | Roanoke, VA 24017 | 5 | D1 | D* |
| WSCW | South Charleston, WV 25303 | 5 | D1 | D* |
| WIZM | LaCrosse, WI 54601 | 5 | U2 | AN7 |
| KWYO | Sheridan, WY 82801 | 5/0.5 | U1 | NH |
| CFUN | Vancouver, BC | 50 | U4 | AN7 |
| CIGO | Port Hawkesbury, NS | 10 | U4 | AN7 |
| CKSL | London, ON | 10 | U4 | AN7 |
| CFMB | Montreal, PQ | 10 | U3 | AN7 |

+lp: USA 36

**1420kHz**

| | | | | |
|---|---|---|---|---|
| WACT | Tuscaloosa, AL 35402 | 5 | D1 | D* |
| KSKM | Bethel, AK | 1 | U1 | |
| KMOG | Payson, AZ 85541 | 2.5/0.5 | U2 | |
| KTAN | Sierra Vista, AZ 85635 | 1/0.5 | U2 | NH |
| KXOW | Hot Springs, AR 71901 | 5 | D1 | D* |
| KSTN | Stockton, CA 95206 | 5/1 | U4 | AN7 |
| WLIS | Old Saybrook, CT 06475 | 5 | U2 | |
| WDBF | Delray Beach, FL 33444 | 5/0.5 | U4 | NH |
| WBRD | Palmetto, FL | 5/1 | U | new |
| | (Addr: Bradenton, FL 33506) | | | |
| WRCG | Columbus, GA 31902 | 5 | U2 | AN |
| WLET | Toccoa, GA 30577 | 5 | D1 | D* |
| WIMS | Michigan City, IN 46360 | 5 | U4 | NH |
| WOC | Davenport, IA 52803 | 5 | U4 | AN6 |
| KULY | Ulysses, KS 67880 | 1/0.5 | U4 | NH |
| WHEZ | Ashland, KY | 5/0.5 | U2 | AN7 |
| | (Addr: Catlettsburg, KY 41129) | | | |
| WVJS | Owensboro, KY 42301 | 5/1 | U4 | AN7 |
| KPEL | Lafayette, LA 70501 | 1/0.5 | U2 | NH |
| WBSM | New Bedford, MA 02741 | 5/1 | U3 | AN7 |
| WBEC | Pittsfield, MA 01201 | 1 | U2 | AN |
| WFLT | Burton, MI | 5 | U4 | |
| | (Addr: Flint, MI 48502) | | | |
| KTOE | Mankato, MN 56001 | 5 | U2 | AN7 |
| WQBC | Vicksburg, MS 39180 | 5/0.5 | U1 | NH |
| WIGG | Wiggins, MS 39577 | 5 | D1 | D* |
| WASR | Wolfeboro, NH 03894 | 5 | D1 | D* |
| WACK | Newark, NY 14513 | 5/0.5 | U4 | NH |
| WLNA | Peekskill, NY 10566 | 5/1 | U4 | |
| WVOT | Wilson, NC 27893 | 1/0.5 | U2 | NH |
| WHK | Cleveland, OH 44115 | 5 | U2 | AN7 |
| WCOJ | Coatesville, PA 19320 | 5 | U2 | NH |
| WCED | DuBois, PA 15801 | 5/0.5 | U2 | NH |
| WEMB | Erwin, TN 37650 | 5 | D1 | D* |
| WKSR | Pulaski, TN 38478 | 1 | U2 | NH |
| KLUF | Lufkin, TX 75901 | 5/1 | U2 | AN |
| WKCW | Warrenton, VA 22186 | 5 | D1 | D* |
| KITI | Chehalis, WA 98532 | 5 | U4 | |
| KRIZ | Renton, WA | 5 | U | AN |
| KUJ | Walla Walla, WA 99362 | 5 | U2 | AN7 |
| CKDY | Digby, NS | 1 | U3 | NH |
| CKPT | Peterborough, ON | 10/5 | U4 | AN7 |
| CJMT | Chocoutimi, PQ | 10/2.5 | U2 | NH |

**1420kHz**

| | | | | |
|---|---|---|---|---|
| CKTL | Plessisville, PQ | 1/0.5 | U2 | AN7 |
| CJVR | Melfort, SA | 10 | U2 | NH |

+lp: USA 37/Can 1

**1430kHz**

| | | | | |
|---|---|---|---|---|
| KFIG | Fresno, CA 93728 | 5 | U4 | AN |
| KALI | San Gabriel, CA (Addr: Hollywood, CA 90038) | 5 | U4 | AN7 |
| KNTA | Santa Clara, CA (Addr: San Jose, CA 95150) | 1 | U3 | AN6 |
| KEZW | Aurora, CO 80010 | 5 | U2 | AN6 |
| WLKF | Lakeland, FL 33802 | 5/1 | U1 | AN |
| WWWQ | Panama City 32401 | 5 | U4 | NH |
| WWGS | Tifton, GA 31794 | 5/1 | U2 | NH |
| WEEF | Highland Park, IL 60035 | 1 | U4 | |
| WIRE | Indianapolis, IN 46208 | 5 | U2 | AN7 |
| WYMC | Mayfield, KY 42066 | 1 | U1 | AN |
| WNAV | Annapolis, MD 21404 | 5/1 | U2 | NH |
| WTTT | Amherst, MA 01002 | 5 | D3 | D* |
| WXKS | Everett, MA (Addr: Medford, MA 02155) | 5/1 | U2 | |
| WION | Ionia, MI 48846 | 5 | D3 | D* |
| WLAU | Laurel, MS 39440 | 5 | D1 | D* |
| WIL | St. Louis, MO 63101 | 5 | U4 | AN6 |
| KRGI | Grand Island, NE 68801 | 5/1 | U2 | NH |
| WNJR | Newark, NJ (Addr: Union, NJ 07083) | 5 | U2 | AN6 |
| KCRX | Roswell, NM 88201 | 5/1 | U2 | |
| WENE | Endicott, NY 13760 | 5 | U2 | AN |
| WDEX | Monroe, NC | 2.5 | U4 | AN7 |
| WMNC | Morganton, NC 28655 | 5/1 | U2 | NH |
| KTYN | Minot, ND 58701 | 5 | D1 | D* |
| WFOB | Fostoria, OH 44830 | 1 | U4 | NH |
| KELI | Tulsa, OK 74152 | 5 | U2 | AN7 |
| KGAY | Salem, OR 97308 | 5 | D1 | D* |
| WVAM | Altoona, PA 16602 | 5/1 | U2 | AN6 |
| WBLR | Batesburg, SC 29006 | 5 | D1 | D* |
| WWEE | Germantown, TN 38038 | 2.5 | U2 | |
| WJRB | Madison, TN (Addr: Nashville, TN 37203) | 5/1 | U2 | AN |
| KSTB | Breckenridge, TX 76024 | 1/0.5 | U2 | |
| KEES | Gladewater, TX 75647 | 5/1 | U2 | NH |
| WBMK | Knoxville, TN 37901 | 5 | D | D |
| KLO | Ogden, UT 84402 | 5 | U2 | AN6 |
| WIVE | Ashland, VA 23005 | 5 | D3 | D |
| WKEX | Blacksburg, VA 24060 | 5 | U4 | |
| WDIC | Clintwood, VA 24228 | 5 | D1 | D* |
| KBRC | Mount Vernon, WA 98273 | 5/1 | U2 | NH |
| WEIR | Weirton, WV 26062 | 1 | U4 | AN |
| WBEV | Beaver Dam, WI 53916 | 1 | U2 | NH |
| CJXX | Grande Prairie, AB | 10 | U3 | AN7 |
| CJCL | Toronto, ON | 50 | U4 | AN7 |

+lp: USA 32

**1440kHz**

| | | | | |
|---|---|---|---|---|
| WHHY | Montgomery, AL 36105 | 5/1 | U2 | AN7 |
| KOPA | Scottsdale, AZ 85251 | 5 | D1 | D* |
| KITA | Little Rock, AR 72202 | 5 | D1 | D* |
| KVON | Napa, CA 94558 | 5/1 | U4 | AN |
| KPRO | Riverside, CA 92502 | 1 | U1 | NH |
| KUHL | Santa Maria, CA 93454 | 5/1 | U2 | AN6 |
| KRQZ | Wray, CO 80758 | 5 | D1 | D |
| WGTR | Lehigh Acres, FL (Addr: Ft. Myers, FL 32902) | 5/1 | U4 | AN |
| WAJL | Winter Park, FL 32789 | 5/1 | U2 | AN6 |
| WBGA | Brunswick, GA 31523 | 5/1 | U2 | AN |
| WMLA | Normal, IL 61761 | 1/0.5 | U4 | NH |
| WGEM | Quincy, IL 62301 | 5/1 | U4 | NH |
| WROK | Rockford, IL 61125 | 5/0.5 | U5 | AN7 |
| KSKX | Topeka, KS 66604 | 5/1 | U3 | AN7 |
| KMLB | Monroe, LA 71201 | 5/1 | U2 | AN |
| WMER | Portland, ME 04103 | 5 | U2 | |
| WFTQ | Worcester, MA 01608 | 5 | U4 | AN7 |
| WBCM | Bay City, MI 48706 | 5/2.5 | U4 | AN6 |
| WCHB | Inkster, MI 48141 | 1 | U4 | AN7 |
| KQRS | Minneapolis, MN 55422 | 5/0.5 | U2 | AN6 |
| WRBE | Lucedale, MS 39452 | 5 | D1 | D |

**1440kHz**

| | | | | |
|---|---|---|---|---|
| WBLA | Elizabethtown, NC 28337 | 5 | D1 | D* |
| WBUY | Lexington, NC 27292 | 5/1 | U2 | NH |
| KKXL | Grand Forks, ND 58201 | 1/0.5 | U1 | AN7 |
| WRRO | Warren, OH 44481 | 5 | U4 | AN6 |
| KMED | Medford, OR 97501 | 5/1 | U1 | AN6 |
| KODL | The Dalles, OR 97058 | 5/1 | U2 | NH |
| WCDL | Carbondale, PA 18407 | 5 | D1 | D* |
| WSSL | Greenville, SC 29610 | 5 | U2 | AN7 |
| WKHJ | Holy Hill, SC 29059 | 1 | U2 | |
| WZYX | Cowan, TN 37318 | 5 | D1 | D* |
| WHDM | McKenzie, TN 38201 | 5 | D3 | D* |
| KPUR | Amarillo, TX 79120 | 5/1 | U2 | AN7 |
| KEYS | Corpus Christi, TX 78403 | 1 | U2 | AN |
| KDNT | Denton, TX 76201 | 5/0.5 | U2 | NH |
| KETX | Livingston, TX 77351 | 5 | D1 | D* |
| WKLV | Blackstone, VA 23824 | 5 | D1 | D* |
| WHIS | Bluefield, WV 24701 | 5/0.5 | U1 | AN6 |
| WAJR | Morgantown, WV 26505 | 5/0.5 | U4 | AN6 |
| WNFL | Green Bay, WI 54305 | 5/0.5 | U4 | AN |
| CJOI | Wetaskiwin, AB | 10 | U2 | NH |
| CFCP | Courtenay, BC | 1 | U2 | AN7 |
| CFGO | Ottawa, ON | 50 | U3 | AN7 |

+lp: USA 24/Can 3

**1450kHz**

USA 178st's mostly with 1kW

| | | | | |
|---|---|---|---|---|
| CHET | Chetwynd, BC | 1/0.25 | U1 | NH |
| CKSP | Summerland, BC | 1/0.25 | U1 | AN6 |
| CFJR | Brockville, ON | 1/0.25 | U5 | AN6 |
| CHUC | Port Hope, ON | 1 | U4 | NH |
| CBGA-4 | Causapscal, PQ | 1/0.25 | U1 | NH |
| CHMV | Murdochville, PQ | 1/0.25 | U1 | |
| CHEF | Granby, PQ | 10/5 | U4 | NH |
| CHRT | St. Eleuthere, PQ | 1/0.25 | U1 | AN7 |
| VSB | Hamilton, Bermuda | 1 | U1 | AN |

+lp: Can 27

**1460kHz**

| | | | | |
|---|---|---|---|---|
| WFMH | Cullman, AL 35055 | 5/0.5 | U2 | AN |
| WPNX | Phoenix City, AL 36867 | 5/1 | U2 | AN6 |
| KWLL | Casa Grande, AZ | 2.5/1 | U4 | |
| KTYM | Inglewood, CA 90302 | 5/0.5 | U4 | AN7 |
| KNWZ | Salinas, CA 93912 | 5 | U3 | AN7 |
| KKHT | Colorado Springs, CO 80901 | 5/0.5 | U2 | AN7 |
| WPDQ | Jacksonville, FL 32216 | 5 | U2 | AN7 |
| WDYX | Buford, GA 30518 | 5 | D1 | D* |
| WKAM | Goshen, IN 46526 | 1/0.5 | U2 | NH |
| KSO | Des Moines, IA 50317 | 5 | U2 | AN7 |
| WBPA | Elkhorn City, KY 41522 | 5 | D1 | D |
| WXOK | Baton Rouge, LA 70806 | 5/1 | U2 | AN6 |
| WCEI | Easton, MD 21601 | 1/0.5 | U4 | NH |
| WBET | Brockton, MA 02403 | 5/1 | U2 | NH |
| WBRN | Big Rapids, MI 49307 | 5/2.5 | U2 | |
| WPON | Pontiac, MI (Addr: Bloomfield Mills, MI 48053) | 1/0.5 | U2 | AN |
| KDMA | Montevideo, MN 56265 | 1 | U2 | NH |
| KIRL | St. Charles, MO 63301 | 5/0.5 | U4 | |
| KRNY | Kearney, NE 68847 | 5 | D1 | D* |
| KENO | Las Vegas, NV 89103 | 5/1 | U2 | AN7 |
| WRLB | Mount Holly, NJ 08060 | 5 | D3 | D* |
| WWCN | Albany, NY 12206 | 5 | U2 | NH |
| WWWG | Rochester, NY 14618 | 5 | U2 | AN7 |
| WAKS | Fuquay-Varina, NC 27526 | 5 | D3 | D* |
| WEWO | Laurinburg, NC 28352 | 5 | U4 | NH |
| KLTC | Dickinson, ND 58601 | 5 | U2 | AN |
| WBNS | Columbus, OH 43215 | 5/1 | U2 | AN6 |
| WQLS | Painesville, OH 44077 | 1/0.5 | U4 | NH |
| WCMB | Harrisburg, PA 17105 | 5 | U2 | AN7 |
| WBCU | Union, SC 29379 | 1 | U2 | NH |
| KWAZ | Lubbock, TX 79408 | 1/0.5 | U2 | |
| WACO | Waco, TX 76710 | 1 | U2 | AN7 |
| WPRW | Manassas, VA 22110 | 5 | U4 | NH |
| WRAD | Radford, VA 24141 | 5/0.5 | U2 | NH |
| KGAA | Kirkland, WA 98033 | 5/2.5 | U4 | |
| KMWX | Yakima, WA 98907 | 5 | U2 | AN7 |
| WBUC | Buckhannon, WV 26201 | 5 | D1 | D* |

**1460kHz**

| | | | | |
|---|---|---|---|---|
| CJMH | Medicine Hat, AB | 10 | U2 | NH |
| CJOY | Guelph, ON | 10 | U4 | AN7 |
| CKRB | St-George-de-Beauce, PQ | 10/5 | U2 | NH |

+lp: USA 31/Can 1

**1470kHz**

| | | | | |
|---|---|---|---|---|
| KAZM | Sedona, AZ 86336 | 5 | D1 | D |
| KUTY | Palmdale, CA 93550 | 5/0.5 | U2 | AN7 |
| KXOA | Sacramento, CA 95808 | 5/1 | U4 | AN7 |
| WMMW | Meriden, CT 06450 | 2.5/5 | U4 | |
| WDCL | Clearwater, FL 33515 | 5 | D1 | D* |
| WRBD | Fort Lauderdale, FL 33319 | 5/2.5 | U4 | AN |
| WRGA | Rome, GA 30161 | 5 | U2 | AN6 |
| WMPP | Chicago Heights, IL 60411 | 1 | U4 | |
| WMBD | Peoria, IL 61604 | 5 | U4 | AN7 |
| KWSL | Sioux City, IA 51102 | 5 | U4 | AN6 |
| KARE | Atchison, KS 66002 | 1 | U3 | NH |
| WFSR | Harlan, KY 40831 | 5 | D1 | D* |
| KLCL | Lake Charles, LA 70602 | 5 | U2 | AN |
| WLAM | Lewiston, ME 04240 | 5 | U3 | AN7 |
| WJDY | Salisbury, MD 21801 | 5 | D3 | D* |
| WSRO | Marlboro, MA 01752 | 5/0.5 | U4 | |
| WKMF | Flint, MI 48501 | 5/1 | U4 | AN6 |
| WTKO | Ithaca, NY 14850 | 5/0.5 | U2 | AN6 |
| WBIG | Greenboro, NC 27240 | 5 | U2 | AN7 |
| WPNC | Plymouth, NC 27962 | 5 | D1 | D* |
| WTOE | Spruce Pine, NC 28777 | 5 | D1 | D* |
| WOHO | Toledo, OH 43616 | 1 | U4 | AN7 |
| KDUN | Reedsport, OR 97467 | 5 | D1 | D* |
| WSAN | Allentown, PA 18105 | 5 | U2 | AN6 |
| WMGZ | Farrell, PA (Addr: Sharon, PA 16146) | 1/0.5 | U2 | AN5 |
| WQXL | Columbia, SC 29230 | 5 | D1 | D* |
| WVOL | Berry Hill, TN 37207 | 5/1 | U4 | NH |
| KFQX | Abilene, TX 79604 | 5/1 | U2 | AN7 |
| KWRD | Henderson, TX 75652 | 5 | D | D |
| KBCM | Tremonton, UT 84337 | 5 | D1 | D |
| WBTX | Broadway, VA 22815 | 5 | D1 | D* |
| WTZE | Tazewell, VA 24651 | 5 | D1 | D* |
| KELA | Chehalis, WA 98532 | 5/1 | U1 | NH |
| KBSN | Moses Lake, WA 98837 | 5/1 | U4 | NH |
| WWHY | Huntington, WV 25708 | 5 | D1 | D* |
| WBKV | West Bend, WI 53095 | 2.5 | U2 | |
| KWIV | Douglas, WY 82633 | 1/0.5 | U1 | |
| CJVB | Vancouver, BC | 50 | U4 | NH |
| CHOW | Welland, ON | 10/2.5 | U4 | AN6 |
| CHLS | Bagotville, PQ | 1 | U3 | NH |
| CKO | Pointe Claire, PQ | 10/5 | U4 | AN |

+lp: USA 39/Can 1

**1480kHz**

| | | | | |
|---|---|---|---|---|
| WLPH | Irondale, AL (Addr: Birmingham, AL 35210) | 5 | D1 | D* |
| WABB | Mobile, AL 36601 | 5 | U2 | AN7 |
| KPHX | Phoenix, AZ 85004 | 1/0.5 | U2 | |
| KTHS | Berryville, AR 72616 | 5 | D1 | D* |
| KRED | Eureka, CA 95501 | 5/1 | U1 | NH |
| KYOS | Merced, CA 95340 | 5 | U2 | AN6 |
| KWIZ | Santa Ana, CA 92703 | 5 | U4 | AN6 |
| WYZE | Atlanta, GA 30312 | 5 | D1 | D* |
| WRDW | Augusta, GA 30903 | 5 | U2 | AN7 |
| WFXW | Geneva, IL 60134 | 1/0.5 | U4 | NH |
| WTHI | Terre Haute, IN 47808 | 5/1 | U4 | AN7 |
| WRSW | Warsaw, IN 46580 | 1/0.5 | U2 | NH |
| KBEA | Mission, KS 66202 | 1/0.5 | U4 | AN6 |
| KLEO | Wichita, KS 67220 | 5/1 | U4 | AN6 |
| WSAR | Fall River, MA 02722 | 5 | U3 | AN6 |
| WMAX | Kentwood, MI | 5 | U2 | |
| WSDS | Ypsilanti, MI 48197 | 1/5 | U4 | |
| KAUS | Austin, MN 55912 | 1 | U4 | AN6 |
| KEHG | Fosston, MN 56542 | 5/2.5 | U2 | |
| KPIA | Ironton, MO 63650 | 5 | D3 | D* |
| KGCX | Sidney, MT 59270 | 5 | U3 | AN |
| KLMS | Lincoln, NE 68501 | 5/1 | U4 | AN7 |
| KUUX | Hobbs, NM 88240 | 5/1 | U2 | AN |
| WJIT | New York, NY 10021 | 5 | U4 | AN7 |
| WADR | Remsen, NY 13438 | 5 | D1 | D* |

**1480kHz**

| | | | | |
|---|---|---|---|---|
| WAME | Charlotte, NC 28231 | 5 | U4 | AN6 |
| WLTM | Franklin, NC 28734 | 5 | D1 | D |
| WHBC | Canton, OH 44701 | 5 | U2 | AN6 |
| WCIN | Cincinnati, OH 45217 | 5/0.5 | U4 | AN7 |
| WCNS | Latrobe, PA 15650 | 0.5/1 | U2 | |
| WDAS | Philadelphia, PA 19131 | 5/1 | U4 | AN7 |
| WISL | Shamokin, PA 17872 | 1 | U2 | NH |
| WMQM | Memphis, TN 38104 | 5 | D1 | D* |
| KMEZ | Dallas, TX 75238 | 5/1 | U4 | AN7 |
| KLVL | Pasadena, TX 77501 | 1/0.5 | U2 | NH |
| WCFR | Springfield, VT 05156 | 5 | D1 | D* |
| WBBL | Richmond, VA 23220 | 5 | ST4 | SH |
| WLEE | Richmond, VA 23226 | 5 | ST4 | AN |
| WUEZ | Salem, VA 24153 | 5 | D1 | D* |
| KAAR | Vancouver, WA (Addr: Portland, OR 97201) | 2.5 | U4 | AN6 |
| WISM | Madison, WI 53701 | 5 | U4 | AN7 |
| CKAN | Newmarket, ON | 10 | U4 | NH |
| CKER | Edmonton, AB | 10 | U2 | NH |
| CHRD | Drummondville, PQ | 50/35 | U4 | NH |

+lp: USA 33/Can 3

**1490kHz**

USA 177st's, mostly 1kW

| | | | | |
|---|---|---|---|---|
| CJPR | Crowsnest Pass, AB | 1/0.25 | U1 | AN7 |
| CFWB | Campbell River, BC | 1/0.25 | U1 | AN7 |
| CKOO-1 | Oliver, BC | 1/0.25 | U1 | AN6 |
| CKMV | Grand Falls, NB | 1/0.25 | U1 | NH |
| CBDQ | Wabush-Labrador City, NF | 1/0.25 | U1 | NH |
| CKEN | Kentville, NS | 1/0.5 | U3 | NH |
| CFPS | Port Elgin, ON | 1/0.25 | U1 | NH |
| CKLR | L'Annonciation, PQ | 1/0.25 | U1 | NH |
| CKBM | Montmagny, PQ | 1/0.25 | U1 | NH |
| CJMC | Ste-Anne-des-Monts, PQ | 1/0.25 | U1 | NH |
| CJSN | Shaunavon, SK | 1/0.25 | U1 | AN |

+lp: Can 11

**1500kHz**

| | | | | |
|---|---|---|---|---|
| KROQ | Los Angeles, CA 90006 | 10/1 | U1 | AN |
| KHTT | San Jose, CA 95112 | 50/5 | U4 | AN6 |
| WFIF | Milford, CT 06460 | 5 | D3 | D |
| WTOP | Washington, DC 20016 | 50 | U4 | AN6 |
| WIAF | Clarkesville, GA 30523 | 5/0.5 | D1 | D |
| WBRI | Indianapolis, IN 46220 | 5 | D3 | D |
| WLQV | Detroit, MI 48237 | 50/5 | U4 | AN6 |
| KSTP | St. Paul, MN 55114 | 50 | U2 | AN7 |
| WSMX | Winston-Salem, NC 27103 | 10/1 | D6 | D |
| KXVQ | Pawhuska, OK 74056 | 5/0.5 | D5 | D* |
| WIXR | Mount Pleasant, SC 29464 | 5 | D | D |
| CKAY | Duncan, BC | 10 | U3 | NH |

+lp: USA 29

**1510kHz**

| | | | | |
|---|---|---|---|---|
| KDJQ | Mesa, AZ 85201 | 10 | D1 | D* |
| KIRV | Fresno, CA 93723 | 10 | D3 | D* |
| KNSE | Ontario, CA 91761 | 10/1 | U4 | AN6 |
| KDKO | Littleton, CO 80120 | 10/1 | U4 | AN7 |
| WNLC | New London, CT 06320 | 10/5 | U4 | NH |
| WWBC | Rockledge, FL (Addr: Cocoa, FL 32922) | 5/0.5 | U4 | |
| WMRE | Boston, MA 02115 | 50 | U4 | AN7 |
| WJCO | Jackson, MI 49201 | 5 | D3 | D* |
| KCCV | Independence, MO 64052 | 10 | D | D |
| WRAN | Dover, NJ 07801 | 10/0.5 | U4 | AN6 |
| WAHT | Annville, PA (Addr: Lebanon, PA 17042) | 5 | D3 | D |
| KMSD | Millbank, SD 57252 | 5/1 | D1 | D* |
| WLAC | Nashville, TN 37202 | 50 | U2 | AN7 |
| KEAM | Nederland, TX 77627 | 10 | D3 | D |
| KZZI | West Jordan, UT 84084 | 10 | D1 | D |
| KGA | Spokane, WA 99203 | 50 | U2 | AN6 |
| WAUK | Waukesha, WI 53186 | 10 | D3 | D* |
| CKOT | Tillsonburg, ON | 10 | D3 | D |
| CJRS | Sherbrooke, PQ | 50/10 | U4 | AN7 |

+lp: USA 36/Can 1

**1520kHz**

| | | | | |
|---|---|---|---|---|
| WAOA | Opelika, AL 36801 | 5 | D3 | D |
| KTRO | Oxnard, CA 93034 | 50/1 | U4 | AN6 |
| WTLN | Orlando, FL 32802 | 5 | D3 | D |
| WGNB | Seminole, FL | 1 | U1 | |
| | (Addr: St. Petersburg, FL 33708) | | | |
| WHOW | Clinton, IL 61727 | 5/1 | D1 | D |
| WSVL | Shelbyville, IN 46176 | 1/0.25 | U4 | NH |
| WLGC | Greenup, KY | 5/0.5 | D1 | D |
| KXKW | Lafayette, LA 70502 | 10/0.5 | U6 | NH |
| WPOE | Greenfield, MA 01302 | 10 | D3 | D |
| WKJR | Muskegon, MI 49443 | 10/5 | U4 | |
| WMLM | St. Louis, MI 48889 | 1 | U4 | |
| KOLM | Rochester, MN 55901 | 10 | D4 | D* |
| KMPL | Sikeston, MO 63801 | 5/0.5 | U7 | NH |
| WKBW | Buffalo, NY 14209 | 50 | U3 | AN7 |
| WDSL | Mocksville, NC 27028 | 5/1 | D1 | D |
| WYRU | Red Springs, NC 28377 | 5/1 | D1 | D |
| WVOI | Toledo, OH 43612 | 1 | U4 | NH |
| KOMA | Oklahoma City, OK 73101 | 50 | U2 | AN6 |
| KSGO | Portland, OR 97222 | 50/10 | U4 | AN7 |
| WRID | Homer City, PA 15748 | 5 | D1 | D |
| WKZQ | Myrtle Beach, SC 29577 | 5 | D3 | D |
| WKOE | Dayton, TN 37321 | 5/0.5 | D1 | new |

+Ip: USA 31

**1530kHz**

| | | | | |
|---|---|---|---|---|
| KFBK | Sacramento, CA 95825 | 50 | U3 | AN7 |
| WDJZ | Bridgeport, CT 06605 | 10 | D3 | D |
| WCRJ | Jacksonville, FL 32205 | 50 | D3 | D |
| WTTI | Dalton, GA 30720 | 10 | D6 | D |
| WRXV | Auburn, ME 04210 | 10 | D3 | D |
| WDEY | Lapeer, MI 48446 | 5 | D3 | |
| WRPM | Poplarville, MS 39470 | 10/1 | D1 | D* |
| KECK | Lincoln, NE 68506 | 5 | D3 | D* |
| WRBX | Durham, NC 27707 | 10 | D3 | D |
| WCKY | Cincinnati, OH 45202 | 50 | U2 | AN7 |
| KGBT | Harlingen, TX 78551 | 50/10 | U2 | AN |
| KNBO | New Boston, TX | 2.5/1 | U | |
| KCLR | Ralls, TX 79357 | 5/1 | D1 | D* |
| KUUY | Cheyenne, WY 82001 | 10/1 | U6 | NH |
| CISV | Winkler, MB | 10/1 | U4 | AN7 |

+Ip: USA 31/Can 2

**1540kHz**

| | | | | |
|---|---|---|---|---|
| KASA | Phoenix, AZ 85009 | 10 | D3 | D |
| KMFO | Capitola, CA 95010 | 10 | U4 | |
| KSKQ | Los Angeles, CA 90068 | 50/10 | U4 | AN6 |
| KXEL | Waterloo, IA 50704 | 50 | U2 | AN7 |
| WMDO | Wheaton, MD 20902 | 5 | D1 | D |
| WMYF | Exeter, NH 03833 | 5/2.5 | D1 | D |
| WPTR | Albany, NY 12205 | 50 | U3 | AN7 |
| WQCC | Charlotte, NC 28204 | 10 | D3 | D* |
| WSNI | Philadelphia, PA | 50 | D3 | D* |
| | (Addr: Bala Cynwyd, PA 19004) | | | |
| WPME | Punxsutawney, PA 15767 | 5/1 | D1 | D |
| WTBI | Pickens, SC 29671 | 10/1 | D1 | D* |
| KUQQ | Fort Worth, TX 76102 | 50/1 | U4 | AN6 |
| KGBC | Galveston, TX 77553 | 1/0.25 | U2 | NH |
| KEDA | San Antonio, TX 78204 | 5/1 | U4 | |
| WKIE | Richmond, VA 23227 | 10 | D3 | D* |
| KJZZ | Bellevue, WA 98004 | 5 | U2 | AN7 |
| CHIN | Toronto, ON | 50 | D3 | D* |

+Ip: USA 36

**1550kHz**

| | | | | |
|---|---|---|---|---|
| WAAY | Huntsville, AL 35804 | 50/0.5 | U4 | AN7 |
| WMOO | Mobile, AL 36601 | 50 | D3 | D* |
| KUAT | Tucson, AZ 85721 | 50 | D1 | D |
| KXEX | Fresno, CA 93717 | 5/2.5 | U4 | AN |
| KKHI | San Francisco, CA 94120 | 10 | U4 | NH |
| KQXI | Arvada, CO 80001 | 10 | D1 | D* |
| WMLB | Bloomfield, CT | 5/2.5 | U4 | |
| | (Addr: West Hartford, CT 06110) | | | |
| WRHC | Miami, FL 33135 | 10/5 | U4 | AN |

**1550kHz**

| | | | | |
|---|---|---|---|---|
| WYOU | Tampa, FL 33601 | 10 | D1 | D* |
| WTHB | Augusta, GA 30903 | 5 | D1 | D |
| WYNX | Smyrna, GA 30080 | 50/0.5 | U4 | AN7 |
| WLUX | Port Allen, LA | 5 | U2 | |
| KOKA | Shreveport, LA 71120 | 10/0.5 | U2 | AN6 |
| WNTN | Newton, MA 02166 | 10 | D1 | D |
| WOKJ | Jackson, MS 39207 | 50/10 | U4 | NH |
| KLFJ | Springfield, MO 65806 | 5 | D | D |
| KEWI | Cape Girardeau, MO 63701 | 5 | D3 | D* |
| KKJO | St. Joseph, MO 64502 | 5 | U2 | AN6 |
| KISK | Reno, NV | 10 | D3 | D |
| KQWB | Fargo, ND 58102 | 10/5 | U2 | AN |
| WBSC | Bennettsville, SC 29512 | 10/5 | U2 | NH |
| WBCV | Bristol, TN 37620 | 5 | D1 | D* |
| WKVL | Clarksville, TN 37040 | 1/0.25 | U4 | NH |
| KRGO | West Valley City, UT | 10/0.5 | U2 | AN7 |
| | (Addr: Salt Lake City, UT 84120) | | | |
| WKBA | Vinton, VA | 10 | D3 | D |
| | (Addr: Roanoke, VA 24012) | | | |
| WVAB | Virginia Beach, VA 23451 | 5 | D1 | D |
| KNTR | Ferndale, WA 98248 | 10 | U2 | NH |
| KXXR | Opportunity, WA | 10/2.5 | U2 | |
| | (Addr: Spokane, WA 99204) | | | |
| KVAN | Vancouver, WA 98662 | 10 | U2 | AN7 |
| WXVA | Charles Town, WV 25414 | 5 | D1 | D* |
| WHIT | Madison, WI 53711 | 5 | D3 | D* |
| KIBG | St. Stephens, WY 82524 | 2.5/0.25 | U2 | |
| CBE | Windsor, ON | 10 | U3 | NH |

+Ip: USA 43/Can 4

**1560kHz**

| | | | | |
|---|---|---|---|---|
| KPMC | Bakersfield, CA 93302 | 10 | U3 | NH |
| KLLV | Breen, CO | 10/0.5 | D1 | D |
| WKIQ | Inverness, FL 32650 | 5 | D1 | D* |
| WTAI | Melbourne, FL 32935 | 5 | D1 | D* |
| KCJJ | Iowa City, IA 52240 | 1 | SH4 | |
| WPAD | Paducah, KY 42001 | 10/5 | U4 | AN7 |
| WXTR | La Plata, MD 20646 | 25/0.25 | D6 | D* |
| KQYX | Joplin, MO 64801 | 10 | D3 | D* |
| KBRL | Imperial, NE | 5/1 | D1 | D |
| WQXR | New York, NY 10036 | 50 | U4 | AN6 |
| WTRQ | Warsaw, NC 28398 | 10 | D4 | D |
| WCNW | Fairfield, OH 45014 | 5/1 | D6 | D* |
| WTOD | Toledo, OH 43614 | 5 | D3 | D* |
| KWCO | Chickasha, OK 73018 | 1/0.25 | U2 | NH |
| WAGL | Lancaster, SC 29720 | 50 | D6 | D* |
| KKAA | Aberdeen, SD 57401 | 10/5 | U4 | AN6 |
| WWGM | Nashville, TN 37212 | 10 | D3 | D* |
| KFWY | Sumner, WA 98390 | 1 | U3 | |

+Ip: USA 36

**1570kHz**

| | | | | |
|---|---|---|---|---|
| WTQX | Selma, AL 36701 | 5 | D1 | D* |
| KCVR | Lodi, CA 95240 | 5 | D3 | D |
| KMAY | Riverside, CA 92504 | 5 | D3 | D* |
| KXES | Salinas, CA 93901 | 5 | D3 | D |
| WTWB | Auburndale, FL 33823 | 5 | D1 | D* |
| WHOG | Fernandia Beach, FL 32034 | 5 | D1 | |
| WSSA | Morrow, GA 30260 | 5 | D1 | D* |
| WFRL | Freeport, IL 61032 | 5 | D3 | D* |
| WTOW | Baltimore, MD 21204 | 5 | D1 | D* |
| WHII | Bay Spgs, MS 39422 | 5 | D1 | D* |
| WFLR | Penn Yan, NY 14527 | 5 | D1 | D* |
| WBUX | Doylestown, PA 18901 | 5 | D3 | D |
| WVSL | Loris, SC 29569 | 5 | D1 | D* |
| WHLP | Centerville, TN 37033 | 5 | D1 | D* |
| CKTA | Taber, AB | 10/5 | U2 | AN7 |
| CHUB | Nanaimo, BC | 10 | U4 | AN7 |
| CKLQ | Brandon, MB | 10 | U2 | AN |
| CFOR | Orilla, ON | 10/5 | U2 | AN6 |
| CHLO | St. Thomas, ON | 10 | U4 | AN7 |
| CKLM | Montreal, PQ | 50 | U4 | AN7 |

+Ip: USA 63 (all D or D*)

**1580kHz**

| | | | | |
|---|---|---|---|---|
| KNIX | Phoenix, AZ 85060 | 50/10 | U2 | AN |
| KDAY | Los Angeles, CA 90026 | 50 | U4 | AN6 |

**1580kHz**

| | | | | |
|---|---|---|---|---|
| KPIK | Colorado Springs, CO 80901 | 5 | D1 | D |
| WPGC | Washington, DC 20027 | 50 | D3 | D |
| WENO | Chattahoochee, FL 32324 | 5 | D1 | D |
| WSRF | Fort Lauderdale, FL 33314 | 10/5 | U4 | AN7 |
| WBGB | Mount Dora, FL 32757 | 5 | D1 | D |
| WIZY | Columbus, GA 31902 | 1 | U2 | AN6 |
| WBBE | Georgetown, KY | 10 | D3 | D |
| | (Addr: Lexington, KY 40578) | | | |
| KLOU | Lake Charles, LA 70601 | 1 | U2 | AN7 |
| WAMY | Amory, MS 38821 | 5 | D1 | D |
| WESY | West Greenville, MS 38701 | 1 | U2 | |
| WPMP | Pascagoula, MS 39567 | 5 | D3 | D |
| KZIA | Albuquerque, NM 87125 | 10 | D1 | D |
| WLIM | Patchogue, NY 11772 | 10/5 | D4 | D |
| WJIK | Camp Lejeune, NC | 10/5 | D1 | D |
| | (Addr: Jacksonville, NC 28540) | | | |
| WUIV | Icard Township, NC 28666 | 5 | D3 | D |
| WBBR | Travelers Rest, SC 29690 | 5/1 | D1 | D |
| WSKT | Knoxville, TN 37901 | 5/1 | D1 | D |
| KRZI | Waco, TX 76710 | 1/0.5 | U4 | AN7 |
| WPUV | Pulaski, VA 24301 | 5/1 | D1 | D |
| CBJ | Chicoutimi, PQ | 50 | U3 | NH |

+lp: USA 46 (all D only)

**1590kHz**

| | | | | |
|---|---|---|---|---|
| WATM | Atmore, AL 36502 | 5/1 | U2 | |
| WVNA | Tuscumbia, AL 35674 | 5/1 | U2 | AN7 |
| KQZE | St. Johns, AZ | 5 | U2 | |
| KYDE | Pine Bluff, AR 71601 | 5 | U4 | |
| KLIV | San Jose, CA 95108 | 5 | U2 | AN7 |
| KBBQ | Ventura, CA 93003 | 5 | U2 | AN7 |
| WQQW | Waterbury, CT 06704 | 5 | U3 | AN6 |
| WRXB | St. Petersburg Beach, | | | |
| | FL 33700 | 5/1 | U4 | |
| WZIP | South Datona, FL 32021 | 5 | D1 | D* |
| WALG | Albany, GA 31702 | 5/1 | U4 | AN6 |
| WLFA | La Fayette, GA 30728 | 5 | D1 | D* |
| WONX | Evanston, IL 60202 | 1/2.5 | U2 | |
| WAIK | Galesburg, IL 61401 | 5 | D3 | D* |
| WNTS | Beach Grove, IN | 5/0.5 | U4 | AN |
| | (Addr: Indianapolis, IN 46203) | | | |
| KWBG | Boone, IA 50036 | 1/0.5 | U2 | NH |
| KVGB | Great Bend, KS 67530 | 5 | U2 | NH |
| WASY | Portland, ME 04101 | 5/2.5 | U4 | NH |
| WJRO | Glen Burnie, MD 21061 | 1 | U4 | AN7 |
| WETT | Ocean City, MD 21842 | 1/0.5 | U4 | AN7 |
| WTVB | Coldwater, MI 49038 | 5/1 | U2 | AN |
| KRRK | East Grand Forks, MN 56721 | 5/1 | U2 | NH |
| WCCL | Jackson, MS 39216 | 5/1 | U2 | AN7 |
| WSMN | Nashua, NH 03061 | 5 | U3 | AN |
| WASB | Brockport, NY 14420 | 1 | U4 | NH |
| WGGO | Salamanca, NY 14779 | 5 | D1 | D* |
| WHPY | Clayton, NC 27520 | 5 | D3 | D* |
| WAKR | Akron, OH 44309 | 5 | U2 | AN7 |
| KTIL | Tillamook, OR 97141 | 5/1 | U2 | NH |
| WCBG | Chambersburg, PA 17201 | 5/1 | U2 | AN |
| WQIQ | Ashton, PA 19014 | 1 | U2 | NH |
| WARV | Warwick, RI 02886 | 5 | U4 | |
| WJSO | Johnson City, TN 37601 | 5 | U2 | AN |

**1590kHz**

| | | | | |
|---|---|---|---|---|
| KELP | El Paso, TX 79925 | 5 | D | D |
| KYOK | Houston, TX 77004 | 5 | U2 | AN |
| KEND | Lubbock, TX 79401 | 1 | U4 | AN7 |
| KDAE | Sinton, TX | 1/0.5 | U4 | NH |
| | (Addr: Corpus Cristi, TX 78411) | | | |
| WMTI | Manti, UT 84642 | 5/1 | U2 | NH |
| WFTH | Richmond, VA 23221 | 5 | D1 | D* |
| KJET | Seattle, WA 98101 | 5 | U2 | AN7 |
| WIXK | New Richmond, WI 54017 | 5 | D1 | D* |
| WTRW | Two Rivers, WI 54241 | 1/0.5 | U2 | |
| WSWW | Platteville, WI 53818 | 1/0.5 | U2 | NH |

+lp: USA 45

**1600kHz**

| | | | | |
|---|---|---|---|---|
| WEUP | Huntsville, AL 35806 | 5/0.5 | U2 | AN7 |
| WXVI | Montgomery, AL 36103 | 5/1 | U4 | AN |
| KXEW | So. Tucson, AZ 85713 | 1 | U4 | AN |
| KCGS | Marshall, AR 72650 | 5 | D1 | D* |
| KGST | Fresno, CA 93775 | 5 | U2 | |
| KWOW | Pomona, CA 91766 | 5 | U2 | AN7 |
| KUBA | Yuba City, CA 95991 | 5/2.5 | U2 | AN |
| KRXY | Lakewood, CO | | | |
| | (Addr: Denver, CO 80227) | 5 | U2 | AN7 |
| WKEN | Dover, DE 19901 | 5/1 | U4 | NH |
| WQBR | Atlantic Beach, FL 32233 | 5 | D1 | D* |
| WPOM | West Palm Beach, FL 33402 | 5/1 | U4 | AN7 |
| WOKB | Orlando, FL 32805 | 5 | U3 | AN6 |
| WCKZ | Austell, GA 30001 | 5 | D | D |
| WRBN | Warner Robins, GA 31093 | 2.5/0.5 | U2 | NH |
| KLGA | Algona, IA 50511 | 5 | D3 | D* |
| KCRG | Cedar Rapids, IA 52401 | 5 | U2 | AN6 |
| WINX | Rockville, MD 20850 | 1/0.5 | U2 | NH |
| WUNR | Boston, MA 02116 | 5 | U3 | AN7 |
| WIXY | East Longmeadow, MA 01028 | 5/2.5 | U4 | AN7 |
| WAAM | Ann Arbor, MI 48106 | 5 | U4 | AN |
| WTRU | Muskegon Heights, MI 49444 | 5 | U2 | NH |
| KATZ | St. Louis, MO 63101 | 5 | U2 | AN7 |
| WWRL | New York, NY | 5 | U4 | AN6 |
| | (Addr: Woodside, NY 11377) | | | |
| WGIV | Charlotte, NC 28203 | 2.5/1 | U2 | AN7 |
| WHVL | Hendersonville, NC 28739 | 5 | D3 | D* |
| WKJS | Reidsville, NC 27320 | 1 | U2 | NH |
| KASH | Eugene, OR 97440 | 5/1 | U2 | AN7 |
| WAYC | Bedford, PA 15522 | 5 | D1 | D* |
| WKJS | Harriman, TN 37748 | 5 | D1 | D* |
| KBBB | Borger, TX 79007 | 5 | D1 | D* |
| KBOR | Brownsville, TX 78520 | 1 | U4 | NH |
| KXVI | McKinney, TX 75069 | 5/1 | U4 | NH |
| KOGT | Orange, TX 77630 | 5/1 | U4 | AN6 |
| KBBX | Salt Lake City, UT 84110 | 5/1 | U2 | |
| WCPK | Chesapeake, VA 23324 | 5 | D1 | D* |
| WKGK | Saltville, VA 24370 | 5 | D1 | D |
| KGWB | West Richland, WA | 5/2.5 | U2 | |
| WNST | Milton, WV 25541 | 5 | D1 | D* |
| WANR | Wheeling, WV 26003 | 5 | D1 | D* |
| WCWC | Ripon, WI 54971 | 5 | U4 | NH |
| CHNR | Simcoe, ON | 10 | U4 | NH |

+lp: USA 37/Can 2

# CENTRAL AMERICA AND THE CARIBBEAN

**Abbreviations** particular to this section of the medium wave tables: Cd = Ciudad; CP = Construction Permit; Dom. Rep. = Dominican Republic; Ft. = Fort; Isl. = Island(s); Neth.Ant. = Netherlands Antilles; Pto = Puerto; r = reported frequency; Radiodif. = Radiodifusora; St. = Saint; Sta = Santa; Sto = Santo; Stgo = Santiago; vf = varying frequency.

The sign o indicates that location is not given where company names include the name of the town concerned.

Mexico: Stations of 1 kW or less not mentioned. See Mexico pages.

| kHz | kW | Call | Country | Name/Location |
|---|---|---|---|---|
| 530 | 1 | TICAL | Costa Rica | R. Rumbo, Cartago (vf) |
| 540 | 5 | HISM | Dom.Rep. | R. ABC, Sto Domingo |
| | 10 | YSHV | El Salvador | R. Señorial, San Salvador |
| | 150 | XEWA | México | La Voz de la América Latina, San Luís Potosi |
| | 10 | HTA540 | Nicaragua | R. Corporación, Managua |
| | 10 | HOU23 | Panama | R. Mía, David |
| 550 | | TISCL | Costa Rica | R. Sta Clara, San Carlos |
| | 1 | CMNA | Cuba | R.Rebelde, Manzanillo |
| | 30 | CMAA | | R. Rebelde, Pinar del Rio |
| | 0.5 | YSFG | El Salvador | R. Variedades, Sonsonate |
| | 10 | TGRV | Guatemala | R. 550, Guatemala |
| | | HRZQ | Honduras | R. Tegucigalpa, o |
| | 3 | HRCZ | | La Consentida, San Pedro Sula |
| | 5 | | Jamaica | R. Jamaica, Montego Bay |
| | 2/0.2 | XEQW | México | R. La Poderosa, Mérida |
| | 5 | XETNC | | R. Axtlán, Tepic |
| | 10 | HO. . | Panama | R. Dimensión 55, Las Tablas |
| | 5/1 | WPAB | Puerto Rico | R. 550, Ponce |
| 555 | 10 | HTC555 | Nicaragua | R. 19 de Julio, Chinandega |
| | 20 | ZIZ | St. Kitts & Nevis | R. ZIZ/R 555, Basseterre |
| 560 | 0.25 | CMIA | Cuba | R. Rebelde, Ciego de Avila |
| | 5 | HIAA | Dom.Rep. | R. Ritmos, Stgo |
| | 3 | HRCZ | Honduras | La Consentida, San Pedro Sula |
| | 1 | HRRZ2 | | R. Juticalpa, o |
| | 5 | | Jamaica | Jamaica Bc Corp "R One", Kingston |
| | | YN. . | Nicaragua | R. Monumental |
| | 1 | HOH2 | Panamá | Circuito R.P.C., Colón |
| 570 | 10 | TISBJ | Costa Rica | R. Libertad, San José |
| | 60 | CMEA | Cuba | R. Reloj, Sta Clara |
| | 5 | HIMS | Dom.Rep. | R. Cristal, Sto Domingo |
| | 10 | YSKT | El Salvador | R. Cadena Central, San Salvador |
| | 10 | YSDR | | R. Cadena Central, Sta Ana |
| | 10 | YSKR | | R. Cadena Central, San Miguel |
| | 0.4 | TGAP | Guatemala | R. Palmeras, Escuintla |
| | 1 | HRLP28 | Honduras | R. América, Tela |
| | 5/0.25 | XEBJB | México | R. Fiesta/La Dona, Monterrey |
| | 5/0.25 | XEOA | | R. Oaxaca, o |
| | 5 | HTL570 | Nicaragua | R. Insurrección, Matagalpa |
| | 1 | HO. . | Panamá | R. Uno Soberama, Panama |
| | 0.25 | WVDI | Trinidad & Tobago | AFRTS, Port of Spain |
| 580 | 5 | CMMF | Cuba | R. Rebelde, Baracoa |
| | 1 | TGY | Guatemala | R. Progreso, Guatemala |
| | 25 | HRVW | Honduras | La Voz del Centro, Tegucigalpa |
| 580 | 10 | | Jamaica | R. Jamaica, Galina |
| | 5/0.25 | XEMU | México | R. Variedades, Piedras Negras |
| | 5/0.25 | XEFI | | R. Mexicana, Chihuahua |
| | 10/1 | XEAV | | R. Guadalajara/ Canal 58, Guadalajara |
| | 10 | HOH4 | Panamá | Circuito R.P.C., David |
| | 5 | WKAQ | Puerto Rico | R. Reloj, San Juan |
| 590 | 50 | TIRN | Costa Rica | R. Nacional, San José |
| | 75/150 | CMCA | Cuba | R. Rebelde, La Julia |
| | 10 | HIDV | Dom.Rep. | R. Santa María, La Vega |
| | 5 | TGRQ | Guatemala | R. Quiché, Sta Cruz |
| | 10 | HRT5 | Honduras | R. América, San Pedro Sula |
| | 10 | HRVW | | La Voz del Centro, Siguatepeque |
| | 5 | XEPH | México | R. 550/La Pantera de la Juventud, México |
| | 5/0.25 | XEFD | | XEFD, Río Bravo |
| | 1 | HOH3 | Panama | Circuito R.P.C., Chitré |
| 595 | 10 | | Dominica | Dominica Bc Corp., Roseau |
| 600 | 150 | CMKA | Cuba | R. Rebelde, Urbano Noris |
| | 1 | CMMA | | R. Rebelde, Guantanamo |
| | 3 | YSNK | El Salvador | R. Exitos, San Salvador |
| | 1 | TGRC | Guatemala | R. Campesina, Pueblo Nueva Tiquisate (vf) |
| | 5/1 | XEBB | México | RCN de Acapulco/Onda 600, Acapulco |
| | 1 | XEZ | | R. Onda Músical/La Voz de la Península/R. 600, Mérida |
| | | HO... | Panamá | La Voz del Teribe, Bocas del Toro |
| | 1 | WAEL | Puerto Rico | R. WAEL, Mayagüez |
| 610 | 3.5 | TIRSU | Costa Rica | R. Sistema Universal, San José |
| | 1 | CMAF | Cuba | R. Rebelde, Bahía Honda |
| | 1 | CMGA | | R. Rebelde, Trinidad |
| | 5 | HIJR | Dom.Rep. | R. Acción, Santiago |
| | 10 | YSS | El Salvador | R. Nacional, Morazan |
| | 0.5 | TGGA | Guatemala | R. Señorial, Guatemala |
| | 10 | HRLP | Honduras | R. América, Tegucigalpa |
| | 1 | HR. . | | R. América, Comayagua |
| | 5/0.5 | XEBX | México | La Voz de la Región Carbonífera, Sabinas |
| | 5/1 | XEUF | | R. Uruapan, o |
| | 10 | HOHM | Panamá | Circuito R.P.C., Panamá |
| | 50 | VPL6 | Trinidad & Tobago | National Bc Sce/R. 610, Port-of-Spain |
| 620 | 10 | | Antigua & Barbuda | Antigua Bc Sce, St. Johns |
| | 30 | CMDA | Cuba | R. Rebelde, Colón |
| | 10 | HISD | Dom.Rep. | R. TV Dominicana, Sto Domingo |
| | 1 | TGPQ | Guatemala | R. Occidental, San Cristóbal |
| | 1 | HRTG | Honduras | R. Cadena de Oro, San Redro Sula |
| | 1 | HRLP4 | | R. América, Sta Rosa de Copán |
| | 1 | HRLP27 | | R. América, Danlí |
| | 5 | | Jamaica | Jamaica Bc Corp "R One", Mandeville |

| kHz | kW | Call | Country | Name/Location |
|---|---|---|---|---|
| 620 | 5/0.25 | XEBU | México | La Nortenita, Chihuahua |
| | 10/5 | XECK | | R. 620, México |
| | 10 | HTA620 | Nicaragua | La Voz de Nicaragua, Managua |
| 625 | 1 | | St. Lucia | R. St. Lucia (relay 660 kHz) |
| 630 | 60 | CMHA | Cuba | R. Rebelde, Camagüey |
| | 1 | HIAF | Dom.Rep. | R. Monte Cristi, o |
| | 10 | YSLN | El Salvador | La Monumental/R. 630, San Salvador |
| | 1 | HRLP7 | Honduras | R. América, La Ceiba |
| | 1 | HRLP13 | | R. América, San Lorenzo |
| | 5/0.25 | XEACA | México | La ACA de Acapulco, o |
| | 5/0.75 | XEFU | | La Voz Amiga de la Cuenca de Papalcapan, Cosamaloapan |
| | 5/1 | XEFB | | La FB 63, Monterrey |
| | 10 | XEJB | | R. Gobierno, Guadalajara |
| | 4/0.25 | XETK | | R. Emisora Continental/ R. Hits, Mazatlán |
| | 10 | HO. . | Panamá | R. Provincias, Chitré |
| | 5 | WQBS | Puerto Rico | Salsa 63/La Gran Cadena, San Juan |
| 640 | 5 | TIQQ | Costa Rica | R. Cucu, San José |
| | 50 | CMBB | Cuba | R. Progreso, Guanabacoa |
| | 10 | CMNH | | R. Rebelde, Pilón |
| | 40 | | Guadeloupe | RFO, Arnouville |
| | 30 | TGW | Guatemala | R. Nacional/La Voz de Guatemala, o |
| | 0.21 | 4VJS | Haiti | La Voix du Seigneur, Port-au-Prince |
| | 3 | HRVF | Honduras | R. Exitos, Tegucigalpa |
| | 10 | HRVW | | La Voz del Centro, Sta Rosa de Copán |
| | 25 | | Montserrat | R. Antilles, Montserrat |
| | 0.25 | HOK | Panamá | Cadena Panameña de Radiodifusión, Colón |
| 650 | 1 | CMJC | Cuba | R. Rebelde Santiago de Cuba |
| | 1 | CMNC | | R. Rebelde, Media Luna |
| | 50 | HIAT | Dom.Rep. | R. Universal, Sto Domingo |
| | 10 | TGQ | Guatemala | La Voz de Quezaltenango, o |
| | 50 | HRVW | Honduras | La Voz del Centroamerica El Progreso |
| | 5 | XEZM | México | R. Sintonía 65/R. Amistad, Zamora |
| | 1 | HTE650 | Nicaragua | R. Jaltera, Granada |
| | 10 | HOS22 | Panamá | R. Mía, Panamá |
| 655 | 10 | YSS | El Salvador | R. El Salvador, San Salvador |
| 660 | 10 | CMEB | Cuba | R. Progreso, Sta Clara |
| | 2 | HIAM | Dom.Rep. | R. Quisqueyana, Stgo (vf) |
| | 5 | 4VI | Haiti | R. Lumière, Port-au-Prince |
| | 1 | HRNN18 | Honduras | La Voz de Honduras, La Ceiba |
| | 10/5 | XERPM | Mexico | R. Infantil, México |
| | 10 | HTA660 | Nicaragua | R. Deporte, Managua |
| | 1 | HOF33 | Panamá | Circuito R.P.C., Bocas del Toro |
| | 10 | | St. Lucia | R. St. Lucia, Babonneau |
| 670 | 10 | TITNT | Costa Rica | R. Monumental, San José |
| | 50 | CMBC | Cuba | R. Rebelde, Arroyo Arenas |
| | 1 | HILB | Dom.Rep. | R. 670, San Pedro de Macorís |
| | 10 | TGRT | Guatemala | R. Fabulosa, Guatemala (vf) |
| | 10 | HRN | Honduras | La Voz de Honduras, Tegucigalpa |
| | 1 | HRNN25 | | La Voz de Honduras, Sta Rosa de Copán |
| | 5/1 | XEIS | México | La Rancherita Consentida, Cd. Guzmán |
| | 1 | HOLY | Panamá | R. Hogar, Panamá |
| 680 | 1 | CMFB | Cuba | R. Progreso, Cienfuegos |
| | 1 | CMJB | | R. Progreso, Santiago de Cuba |
| | 10 | CMIC | | R. Rebelde, Ciego de Avila |
| | 3 | HIJX | Dom.Rep. | R. Zamba, Stgo Rodríguez |
| 680 | 10 | YSS | El Salvador | R. El Salvador, Cabañas |
| | 1 | TGVP | Guatemala | R. Norte, Cobán |
| | 1 | HRNN7 | Honduras | La Voz de Honduras, San Pedro Sula |
| | 1 | HRNN20 | | La Voz de Honduras, Olanchito |
| | 1 | HRNN11 | | La Voz de Honduras, Juticalpa |
| | 1 | HRNN10 | | La Voz de Honduras, Danlí |
| | 1 | HRNN30 | | La Voz de Honduras, Siguatepeque |
| | 10/5 | XELG | México | L-G La Grande, León |
| | 5/0.5 | XEKQ | | El Echo de Tacana, Tapachula |
| | 1.5 | XEORO | | R. Bonita, Guasave |
| | 0.5 | HOF32 | Panamá | R. Centenario, Pto Armuelles |
| | | HO | Panamá | R. Cristóbal Colón, Colón |
| | 10 | WAPA | Puerto Rico | La Voz del Caribe, San Juan |
| 690 | 15 | | Anguilla | The Caribbean Beacon, The Valley |
| | 50 | CMEC | Cuba | R. Rebelde, Sta Clara |
| | 10 | HIAW | Dom.Rep. | R. Guarachita, Sto Domingo |
| | 1 | TGVX | Guatemala | R. Tamazulapa, Jutiapa |
| | 1 | HRNN19 | Honduras | La Voz de Honduras, Choluteca |
| | 1 | HRNN12 | | La Voz de Honduras, Tela |
| | 50 | XETRA | México | Mighty 690, Tijuana |
| | 5 | XEMA | | R. 690, Fresnillo |
| | 20/5 | XEN | | R. Mundo, México |
| | 5 | HOM83 | Panamá | R. Veraguas, Stgo |
| 699 | 1 | HIDC | Dom.Rep. | R. Mao, Valverde |
| 700 | 12 | TIJC | Costa Rica | R. Sonora, San José |
| | 1 | CMMC | Cuba | R. Rebelde, Guantánamo |
| | 5 | YSQR | El Salvador | Auto Radio, San Salvador |
| | 1 | YS . . | | Onda Romántica del Hogar, o |
| | 15 | TGHR | Guatemala | R. Mundial, Guatemala (vf) |
| | 5 | HRRH | Honduras | La Voz de Occidente, Sta Rosa de Copán |
| | 1 | HRKL | | R. Reloj, Tegucigalpa |
| | 5 | | Jamaica | Jamaica Bc Corp., "R. One", Montego Bay |
| | 10 | HTA700 | Nicaragua | El Fabuloso Siete, Managua |
| | 1 | HO . . | Panamá | R. Continente Panamá |
| 705 | 1 | HRAM | Honduras | La Voz de Olancho, o |
| | 10 | | St. Vincent | R. St. Vincent, Kingstown |
| 710 | 1 | TGXL | Guatemala | R. Tecun Umán, Quezaltenango |
| | 1 | HRGO | Honduras | R. Portena, Puerto Cortéz |
| | 2/1 | XEON | México | R. Mexicana/Nueva XEON, Tuxtla Gutiérrez |
| | 5/0.25 | XEBL | | R. Bonita, Culiacán |
| | 5 | XEDP | | R. Cuauhtémoc, Cd. Cuauhtémoc |
| | 1 | HOB52 | Panamá | Ondas del Caribe, Bocas del Toro |
| | 10/0.5 | WKJB | Puerto Rico | WKJB, Mayagüez |
| 718 | 1 | HRLK | Honduras | R. Comayagua, o |
| 720 | 30 | CMAC | Cuba | R. Rebelde, Pinar del Rio |
| | 5 | HIAQ | Dom.Rep. | R. Norte, Stgo |
| | 10 | YSR | El Salvador | Circuito YSR, San Salvador |
| | 1 | YSRA | | Circuito YSR, Sta Ana |
| | 5 | YSR | | Circuito YSR, San Miguel |
| | 1 | YSRS | | Circuito YSR, Sonsonate |
| | 1 | YSRU | | Circuito YSR, Usulután |
| | 1 | TGRO | Guatemala | R. Corona, Morales |
| | 5 | 4VIA | Haiti | R. Lumière, Artibonite |
| | 1 | HRNN3 | Honduras | R. Caribe, La Ceiba |
| | 10 | | Jamaica | R. Jamaica, Kingston |
| | 10 | HTA720 | Nicaragua | R. Católica de Nicaragua, Managua |
| | 10 | HOB50 | Panamá | R. República, Chitré |

| kHz | kW | Call | Country | Name/Location |
|---|---|---|---|---|
| 730 | 50 | TIHB | Costa Rica | R. Reloj, San José |
| | 1 | CMKC | Cuba | R. Rebelde, Cacocum |
| | 10 | HIZ | Dom.Rep. | Emisoras Nacionales, Sto Domingo |
| | 10 | TGN | Guatemala | R. Cultural, Guatemala |
| | 1 | HRQQ | Honduras | R. Intibucá, La Esperanza |
| | 1 | HRTG | | R. Televisión, Tegucigalpa |
| | 100/50 | XEX | México | R. Festival, México |
| | 20 | | Trinidad & Tobago | Trinidad Bc Corp., Port of Spain |
| 740 | 10 | CMHC | | R. Rebelde, Camagüey |
| | 1 | TGHF | Guatemala | R. Tacaná, San Marcos |
| | 1 | 4VIE | Haiti | R. Lumière, Pignón |
| | 1 | HRNN23 | Honduras | R. Eco, San Pedro Sula |
| | 20 | | Montserrat | R. Antilles, Plymouth |
| | 5 | HON26 | Panamá | R. Cristal, David |
| | 5 | | | R La Exitosa, Panamá |
| | 10 | WIAC | Puerto Rico | R. Internacional, San Juan |
| 750 | 1 | CMGC | Cuba | R. Rebelde, Trinidad |
| | 5 | HIDB | Dom.Rep. | R. Alegre, Stgo |
| | 1 | HRDN | Honduras | R. Caribe, La Ceiba |
| | 5 | | Jamaica | Jamaica Bc. Corp., "R One", Port Maria |
| | 5 | XEKOK | Mexico | R. Sensación, Acapulco |
| | 5 | XEQF | | R. Loma, Loma Bonita |
| | 50 | HTA750 | Nicaragua | R. Sandino, Managua |
| 760 | 20 | TILX | Costa Rica | R. Columbia, San José |
| | 5 | CMBD | Cuba | R. Reloj, Guanabacoa |
| | 5 | HICO | Dom.Rep. | R. Sto Domingo, o |
| | 5 | YSKLB | El Salvador | R. Universal, Sta Miguel |
| | 10 | YSS | | R. Nacional, Sta Ana |
| | 10 | YSKLC | | R. Universal, Sonsonate |
| | 10 | TGHB | Guatemala | Súper Radio, Guatemala |
| | 5 | 4VU | Haiti | R. Lumière, Les Cayes |
| | 3 | HRXW | Honduras | R. Comayagüela, o |
| | 20/5 | XEABC | México | R. Internacional, México |
| | 5 | XEZZ | | Onda 76, Guadalajara |
| | 5 | HOXO | Panamá | La Voz del Istmo, Panamá |
| | 5 | WORA | Puerto Rico | WORA/La Gran Cadena, Mayagüez |
| 765 | 10 | YSKL | El Salvador | R. Universal, Usulután |
| | 0.5 | HIMD | Dom. Rep. | R. Tamboril, o |
| 770 | 10 | YSKL | El Salvador | R. Universal, San Salvador |
| | 1 | TGBX | Guatemala | R. Fraternidad, Quezaltenango |
| | 10 | HRNN21 | Honduras | R. Norte, San Pedro Sula |
| | 1 | HRMW | | R. Aguán, o |
| | 5 | | Jamaica | R Jamaica, Spur Tree |
| | 10 | HOL47 | Panamá | R. Nacional, Chitré |
| 780 | 10 | ZBVI | British Virgin Isl. | Virgin Islands Bc, Roadtown, Tortola |
| | 3 | TIRA | Costa Rica | R. América Latina "R. Amiga", San José |
| | 0.5 | HIBO | Dom. Rep. | R. Constanza, o |
| | 0.5 | 4VO | Haiti | R. Lumiére, Jérémie |
| | 5 | XELV | México | R. Costa, Autlán de Navarro |
| | 10 | HOB55 | Panamá | R. Chiriquí, David |
| | 0.05 | AHD | Puerto Rico | AFRTS, Ramey Air Force Base, Aguadilla |
| 790 | 20 | | Barbados | Voice of Barbados, St. George |
| | 5 | HIL | Dom. Rep. | La Voz del Trópico, Sto Domingo |
| | 5 | TGO | Guatemala | La Voz de las Américas, Guatemala |
| | 1 | HRIR | Honduras | R. Relámpago, Las Vegas |
| | 1 | HRTG3 | | R. Satélite, Tegucigalpa |
| | 10 | | Jamaica | Jamaica Bc Corp, "R. Central", James Hill |
| | 5/0.75 | XENT | México | R. La Paz, o |
| | 5/0.4 | XERPC | | R Ranchito, Chihuahua |
| | 10/1 | XERC | | R. Ranchito, México |
| | 5/0.2 | XEVA | | R. Tabasco, Villahermosa |
| | 1 | HO . . | Panamá | R. Nacional, Herrera |
| | 10 | ACA20 | Panama (Canal Zone) | AFRTS, Southern Command Network Ft. Clayton |
| 800 | 5 | TIW | Costa Rica | R. Uno, San José |
| | 1 | CMNB | Cuba | R. Progreso, Manzanillo |
| | 1 | TGYH | Guatemala | R. Rosa, Chiquimulilla |
| | 1 | HRRA | Honduras | R. Estéreo Centro, San Pedro Sula |
| | 1 | HRLP26 | | R. Sonora, Danlí |
| | 1 | HRMD | | R. Yoro, o |
| | 150/50 | XEROK | México | R. Canon, Cd. Juárez |
| | 500 | PJB | Neth. Ant. | Trans World Radio Bonaire |
| | 10 | HOR44 | Panama | La Exitosa, Chitré |
| 805 | | HRDL | Honduras | R. Corporación, Comayagüela |
| 810 | 10 | ZNS3 | Bahamas | R. 8-10, Freeport, Grand Bahama |
| | 1 | CMHB | Cuba | R. Progreso, Camagüey |
| | 2 | YSFA | El Salvador | R. Lorenzana, San Vincente |
| | 10 | YSAX | | La Voz Panamericana, San Salvador |
| | 1 | TGFP | Guatemala | R. Tikal, Flores Petén (v.f.) |
| | 3.5 | HRLP | Honduras | R. Valle, Choluteca |
| | 10/0.25 | XEUX | México | La Grand Máquina Musical, Tuxpan |
| | 5 | XERSV | | R. Alegría, Cd. Obregón |
| | 50/30 | XEFW | | Voz E. Imagen de Tampico, o |
| | 2 | HTG810 | Nicaragua | R. Frente Sur, Rivas |
| | 2 | HOG | Panamá | R Mundial, Panamá |
| | 25 | WKVM | Puerto Rico | R. WKVM, San Juan |
| 820 | 5 | TIGC | Costa Rica | R. Centro, San José |
| | 10 | CMBU | Cuba | R. Ciudad de la Habana, o |
| | 10 | CMIB | | R. Progreso, Ciego de Avila |
| | 1 | CMKG | | R. Progreso, Moa |
| | 5/1 | HIAZ | Dom.Rep. | R. Stgo, Stgo |
| | 10 | TGTO | Guatemala | R. Internacional, Guatemala |
| | 2 | HRXS | Honduras | R. Estéreo Sula, San Pedro Sula |
| | 1 | HRKW | | R. Sultana, Sta Rosa de Copán |
| | 1 | HRM2 | | R. Morazán, Comayagüela |
| | 10 | HTA820 | Nicaragua | R. Ondas de Luz, Managua |
| | 1 | HO . . | Panamá | R. Ritmo, David |
| 825 | 1 | HOR56 | Panamá | R. Península, Macaracas |
| | 50 | | St. Kitts | R. Paradise, Basseterre |
| 830 | 20 | | Belize | R. Belize, o |
| | 10 | HIJB | Dom.Rep. | R. HIJB, Sto Domingo |
| | 4 | YSPX | El Salvador | R. Pax, San Miguel |
| | 10 | TGAV | Guatemala | R. Satélite, Mazatenango |
| | 1 | HRVQ | Honduras | R. Excelsior, Juticalpa |
| | 10 | XELA | México | Buena Musica en México o |
| 840 | 10 | CMEL | Cuba | "W", Santa Clara |
| | 1 | CMJL | | R. Revolución, Santiago de Cuba |
| | 10 | CMLB | | R. Enciclopedia, Las Tunas |
| | 1 | CMOR | | R. Progreso, La Fé |
| | 5 | HIABA | Dom.Rep. | R. Isabel de Torres, Pto Plata |
| | 5 | YSFB | El Salvador | R. Vanguardia, San Salvador |
| | 0.35 | TGSM | Guatemala | La Voz de San Marcos, o |
| | 10/1 | 4VEF | Haiti | R. St. 4VEH, Cap Haïtien |
| | 10 | XEIO | México | XEIO, Tuxtla Gutierrez |
| | 1 | HTA840 | Nicaragua | R. Noticias, Managua |
| | 10 | HOL80 | Panamá | R. Nacional, Panamá |
| | 5/1 | WXEW | Puerto Rico | R. Victoria, Yabucoa |
| | 10 | | St. Lucia | R. Caribbean, Castries |
| 850 | 18 | TIOS | Costa Rica | R. Titania, San José |
| | 1 | CMGG | Cuba | R. Progreso, Trinidad |
| | 10 | CMMB | | R. Progreso, Guantánamo |
| | 3 | TGX | Guatemala | R. Ciró's Musical, Guatemala |

| kHz | kW | Call | Country | Name/Location |
|---|---|---|---|---|
| 850 | 1 | 4VGM | Haiti | R. MBC, Port-au-Prince |
| | 10 | HRUP | Honduras | R. Centro, Tegucigalpa |
| | 5 | XEM | México | R. Exitos, Chihuahua |
| | 10 | XETQ | | La Romántica, Orizaba |
| | 5 | HTA660 | Nicaragua | R. Continental, Managua |
| | | HO . . | Panama | R. Exitosa, David |
| | 5 | WABA | Puerto Rico | R. WABA, Aguadilla |
| 860 | 10/1 | CMBM | Cuba | R. Metropolitana, La Habana |
| | 50 | HILR | Dom.Rep. | R. Clarín, Sto Domingo |
| | 1 | YSRC | El Salvador | R. Tecana, Sta Ana |
| | 10 | HRLP21 | Honduras | R. San Pedro, San Pedro Sula |
| | 1 | HRUP6 | | Circuito R. Centro, Danlí |
| | 1 | HRUP7 | | Circuito R. Centro, La Ceiba |
| | 1 | HRUP13 | | Circuito R. Centro, Juticalpa |
| | 5 | XEMO | México | R. 86, Tijuana |
| | 5/0.1 | XEAL | | XEAL, Manzanillo |
| | 45/25 | XEUN | | R. UNAM, México |
| | 5/2 | XENL | | R. Recuerdo, Monterrey |
| | 1 | PJZ86 | Neth. Ant | Curom Broadc./Z 86, Willemstad, Curaçao |
| | 2 | HTA880 | Nicaragua | R. Continental, Managua |
| | 10 | HOL55 | Panamá | R. Reforma, Chitré |
| 870 | 15 | TIUCR | Costa Rica | R. Universidad, San Pedro de Montes de Oca |
| | 1 | TIUCR | | R. Universidad, Liberia |
| | 1 | CMGB | Cuba | R. Progreso, Sancti-Spíritus |
| | 1 | YSAR | El Salvador | R. 10, San Salvador |
| | 1 | HRGY5 | Honduras | R. Honduras, Nacome, Valle |
| | 10 | HRGY2 | | R. Honduras, La Ceiba |
| | 10 | XEGRO | México | R. Guerrero, Chilpancingo |
| | 5 | HOHO | Panamá | R. Musical, Panamá |
| | 5 | WVOZ | Puerto Rico | WVOZ, San Juan |
| 880 | 30 | CMAB | Cuba | R. Progreso, Pinar del Río |
| | 1 | HIOR | Dom.Rep. | R. Sta Cruz de Mao, Valverde |
| | 0.5 | YSCD | El Salvador | R. Oromontique, Stgo de María |
| | 10 | TGJ | Guatemala | R. Nuevo Mundo, Guatemala |
| | 0.5 | 4V.. | Haiti | La Voix de Peuple, Port-au-Prince |
| | 10 | HRGY | Honduras | R. Honduras, Tegucigalpa |
| | 10 | HRGY4 | | R. Honduras, Sta Rosa de Copán |
| | 10 | XEGDL | México | R. Bonita/La Reina, Guadalajara |
| | 5 | XEPNK | | Canal 88, Los Mochis |
| | 0.25 | HOB51 | Panamá | R. Hit, Colón |
| | 1 | WPRX | Puerto Rico | WPRX, Sabana Grande |
| 885 | 0.3 | 4VGS | Haiti | R. Independance, Gonaïves |
| | 1 | ZJB | Montserrat | R. Montserrat/The Champion, Plymouth |
| 890 | 1 | TILDA | Costa Rica | R. Linda, Liberia |
| | 0.25 | CMEE | Cuba | R. Musical Nacional, Santa Clara |
| | 1 | CMJE | | R. Musical Nacional, Santiago de Cuba |
| | 5 | HIPJ | Dom.Rep. | R. Continental, Sto Domingo |
| | 1 | YSLA | El Salvador | R. Musical, Sta Ana |
| | 1 | TGHU | Guatemala | R. Escuintla, o |
| | 10 | HRGY3 | Honduras | R. Honduras, San Pedro Sula |
| | 1 | HRGY2 | | R. Honduras Siguatepeque |
| | 10 | HRGY7 | | R. Honduras, Juticalpa |
| | 1 | HRGY9 | | R. Honduras, Olanchito |
| | 10 | HOL81 | Panamá | R. Nacional, David |
| | 1 | W . . | Puerto Rico | Humaco (CP) |
| 895 | 0.5 | 4VB | Haiti | R. Trans-Artibonite, Gonaïves |
| 900 | 10 | | Barbados | Caribbean Bc. Corp., Bridgetown |
| | 50 | CMKB | Cuba | R. Progreso, Cacocum |
| | 5 | HIBN | Dom.Rep. | R. Pto Plata, o |
| | 1 | TGMA | Guatemala | R. Anastique, Pto Barrios |
| | 1 | HRUP8 | Honduras | Circuito R. Centro, Choluteca |
| | 100 | XEW | México | La Voz de la América Latina, México |
| | 50/5 | XEWB | | La Voz de la Emérica Latina, Veracruz |
| | 100 | XEW | | La Voz de la América Latina, Queretario |
| | 5 | HTA900 | Nicaragua | R. Tiempo, Maṇagua |
| | 5 | HOHA | Panamá | La Voz del Pueblo, Panamá |
| 905 | 10 | YSQJ | El Salvador | Radiópolis, San Salvador |
| 910 | 5 | TIQM | Costa Rica | R. Metrópolis, San José |
| | 5 | CMHL | Cuba | R. Cadena Agramonte, Camagüey |
| | 0.25 | CMDI | | R. Reloj, Colón |
| | 5 | HIVG | Dom.Rep. | R. La Vega, o |
| | 10 | TGKL | Guatemala | R. Emperador, Guatemala |
| | 10 | 4VRNM | Haiti | R. Nouveau-Monde, Port-au-Prince |
| | 10 | HRVS | Honduras | R. La Dimensión, Tegucigalpa |
| | 5/0.5 | WPRP | Puerto Rico | WPRP/La Gran Cadena, Ponce |
| 917 | 10 | HTA920 | Nicaragua | R. Mundial, Managua |
| 920 | 0.25 | CMDJ | Cuba | R. Reloj, Cárdenas |
| | 10 | CMNG | | R. Progreso, Pilón |
| | 5 | HIBA | Dom. Rep. | R. Diamante, Sto Domingo |
| | 0.2 | TGRS | Guatemala | R. Sur, Escuintla |
| | 1 | 4VKB | Haiti | R. Cap Haïtien, o |
| | 3 | HRZV | Honduras | R. Fabulosa, San Pedro Sula |
| | 1 | HRRN1 | | R. Sistema, Comayagua |
| | 5/0.25 | XEVV | México | Doble V Juvenil, Chiapa de Corzo |
| | 10/0.1 | XEQD | | La Divertida, Chihuahua |
| | 5/1 | XEBM | | La Rancherita, San Luís Potosí |
| | 5 | XEBH | | Super R. La Pantera, Hermosillo |
| | 5/0.1 | XECQ | | La Rancherita de Culiacán, o |
| 925 | 1 | TGJL | Guatemala | R. Imperial,San Pedro Carchá |
| 930 | 1 | | Belize | R. Belize, Corozal |
| | 3 | TIJJ | Costa Rica | R. Juvenil, San José |
| | 0.25 | CMDD | Cuba | R. Reloj, Matanzas |
| | 1 | CMID | | R. Musical Nacional, Ciego de Avila |
| | 1 | CMJA | | R. Rebelde, Stgo |
| | 10 | HICK | Dom.Rep. | Ondas del Yaque, Stgo |
| | 5 | YSTG | El Salvador | R. Sonora, San Salvador |
| | 1 | YSTG | | R. Sonora, Sta Ana |
| | 1 | YSTG | | R. Sonora, Sonsonate |
| | 1 | YSTG | | R. Sonora, San Miguel |
| | 1 | YSTG | | R. Sonora, Zacatecoluca |
| | 0.4 | YSTG | | R. Sonora, Ahuachapán |
| | 1 | HRTZ | Honduras | R. Cristal, San Lorenza, Valle |
| | 1 | HRSQ | | R. Cadena Central, Isletas |
| | 5/1 | XEU | México | R. Nucleo Oro/La U, Veracruz |
| | 5 | XEIH | | Nueva Dimensión en Radio, Fresnillo |
| | 200 | | Montserrat | R. Antilles, Plymouth |
| | 1 | HOS56 | Panamá | R. Mía, Los Santos |
| | 3 | HOR43 | | R. Exito, Las Chorrea |
| | 2.5 | WEKO | Puerto Rico | R. Eco, Cabo Rojo |
| 940 | 1 | | Belize | R. Belize, Punta Gorda |
| | 1 | | | R. Belize, San Ignacio |
| | 1 | CMDI | Cuba | R. Reloj, Colón |
| | 10 | CMKD | | R. Reloj, Holguín |
| | 5 | TGTL | Guatemala | La Voz del Hogar, Guatemala |
| | 0.4 | 4VLF | Haiti | R. Saint Marc, o |

| kHz | kW | Call | Country | Name/Location |
|---|---|---|---|---|
| 940 | 150/50 | XEQ | México | La Q de México, o |
| | 1 | HOX | Panamá | R. Tevedós, Panamá |
| | 10 | WIPR | Puerto Rico | La Emisora del Pueblo, San Juan |
| 944 | 5 | HRYW3 | Honduras | R. Panamericana, Tegucigalpa |
| 950 | 10 | CMBE | Cuba | R. Musical Nacional, Arroyo Arenas |
| | 1 | CMGD | | R. Reloj, Sancti-Spiritus |
| | 5 | HIG | Dom.Rep. | R. Popular, Sto Domingo |
| | 1 | YSGH | El Salvador | R. Minuto, San Miguel |
| | 1 | TGAF | Guatemala | R. Indiana, Mazatenango |
| | 1 | HRQL | Honduras | R. Centro Radial, Siguatepeque |
| | 1 | HRZE | | R. Cortes, Puerto Cortés |
| | 3 | HRSK | | R. Catacamas, Olancho |
| | 10/5 | XEGM | México | R. 95, Tijuana |
| | 10/0.1 | XEYJ | | R. Rosita, Nueva Rosita |
| | 1 | HOB33 | Panamá | R. Cultura, Concepción |
| | | HOL84 | | R. Victoriano Lorenzo, Penonomé |
| 960 | 10 | TIECO | Costa Rica | R. Eco, San José |
| | 1 | CMFD | Cuba | R. Reloj, Cienfuegos |
| | 0.25 | CMIE | | R. Musical Nacional, Ciego de Avila |
| | 1 | CMJD | | R. Reloj, Santiago |
| | 1 | CMLD | | R. Reloj, Las Tunas |
| | 5 | HIF | Dom.Rep. | La Voz del Atlántico, Pto Plata |
| | 0.25 | YSTW | El Salvador | R. Centro, Sonsonate |
| | 1 | TGRU | Guatemala | R. Utatlán, El Quiché |
| | 0.25 | 4VCD | Haiti | R. Carillon, Port-au-Prince |
| | 1 | HRYF | Honduras | R. Fergusón, Choluteca |
| | 2/1 | XEK | México | El Pregonero del Bravo, Nuevo Laredo |
| | 10 | PJA6 | Neth.Ant. | R. Victoria Oranjestad, Aruba |
| | 5 | HTO960 | Nicaragua | R. 13 de Octubre, San Carlos |
| | 1 | WJYT | Puerto Rico | WJYT, Quebradillas |
| 965 | 3 | HOF | Panamá | Onda Popular, Panamá |
| 970 | 5/1 | WSTX | American Virg. Isl. | Virgin Isl. Bc. Corp., Christiansted, St. Croix |
| | 10/5 | | Bahamas | CP |
| | 3 | HIVP | Dom. Rep. | R. Cumbre, Villa Tapia(r 1470) |
| | 1 | YSMS | El Salvador | R. Centroamericana, San Salvador |
| | 10 | TGAX | Guatemala | R. Continental, Guatemala |
| | 5 | HRTL | Honduras | R. Tic Tac, Tegucigalpa |
| | 10/5 | XEJ | México | R. Mexicana, Cd. Juarez (v.f.) |
| | 10/5 | XEDF | | R. Uno/La Estación del Distrito Federal, México |
| | 5/0.4 | XEVT | | R. Fiesta, Villahermosa |
| | 5/0.25 | XECJ | | XECJ, Apatzigan |
| 975 | 1 | HRZC | Honduras | R. Monumental, San Pedro Sula |
| 980 | 20 | TIRI | Costa Rica | R. Impacto, Alajuelita |
| | 1 | CMBN | Cuba | COCO, Guanabacoa |
| | 1 | CMKO | | La Voz del Níquel, Moa |
| | 1 | CMND | | R. Reloj, Bayamo |
| | 5 | HIFA | Dom.Rep. | La Voz de las Fuerzas Armadas, Sto Domingo |
| | 0.5 | TGMQ | Guatemala | R. Retama, San Marcos |
| | 1 | HR. . | Honduras | R. Novevades, Comayagua |
| | 1 | HRYG | | R. Tocoa, o |
| | 5/0.5 | XENR | México | La Emisora Grande, Nueva Rosita |
| | 5/0.25 | XELC | | Canal 98, La Piedad |
| | 10/1 | XETU | | R. Tampico, o |
| | 5 | XEQO | | R. Romance, Cosamaloapan |
| | 10 | HOS56 | Panamá | R. Mía, David |
| 990 | 1 | CMAL | Cuba | R. Guamá, Pinar del Río |
| | 5 | HISA | Dom.Rep. | R. Cibao, Stgo |
| | 5 | YSTA | El Salvador | R. Clásica, San Salvador |
| | 75 | | Grenada | R. Grenada |
| | 1 | TGAL | Guatemala | La Voz de la Perla de Oriente, Chiquimula |

| kHz | kW | Call | Country | Name/Location |
|---|---|---|---|---|
| 990 | 0.2 | 4VCPS | Haiti | R. Cacique, Port-au-Prince (v.f. 987-997 kHz) |
| | 5 | XECL | México | R. Mexicali, o |
| | 10 | XETG | | La Grande del Sureste, Tuxtla Gutiérrez |
| | 50 | XET | | La T de Monterrey, o |
| | 1 | HOU44 | Panamá | ABC Radio, Panamá |
| | 1 | WPRA | Puerto Rico | R. Alegría, Mayagüez |
| 1000 | 5/1 | WVWI | American Virg. Isl. | R. 1000, Charlotte Amalie, St. Thomas |
| | 10 | TIMIL | Costa Rica | R. Mil, San José |
| | 0.5 | CMAO | Cuba | R. Guamá, San Cristóbal |
| | 1 | CMHE | | R. Musical Nacional, Camagüey |
| | 0.25 | CMNE | | R. Musical Nacional, Guantánamo |
| | 1 | HIHG | Dom.Rep. | R. Belér, Dajabón |
| | 1 | YSHH | El Salvador | Estación H, Sta Ana |
| | 1 | TGWC | Guatemala | R. Nacional/La Voz de Guatemala, o |
| | 1 | HRXZ2 | Honduras | R. Unión, Comayaguela |
| | 10 | XEOY | México | R. Mil, México |
| | 1 | HRLC | Honduras | R. Continental, San Pedro Sula |
| | 1 | HR . . | | R. Unión, Tegucigalpa |
| | 50 | XEOY | México | R. Mil, México |
| | 10 | HTA211 | Nicaragua | R. Mil, Managua |
| | 5 | HOK36 | Panamá | R. Poderosa, Aquadulce |
| 1010 | 10 | CMAM | Cuba | R. Guamá, Guane |
| | 1 | CMKE | | R. Musical Nacional, Holguín |
| | 0.25 | CMGE | | R. Musical Nacional, Sancti-Spíritus |
| | 10 | HIJP | Dom.Rep. | R. Comercial, Sto Domingo |
| | 1 | TGRX | Guatemala | R. Miramundo, Zacapa |
| | 1 | HRMH | Honduras | La Voz del Junco, Sta Barbara |
| | 1 | HRLZ | | R. Campamento, o Olancho |
| | 1 | HRLP22 | | R. Continental San Pedro Sula |
| | 5 | XEVK | México | R. Mil Diez/R. Felicidad, Torreón |
| | 50 | XEHL | | La Poderosa Guadalajara |
| | 5/0.25 | XEWS | | R. Capital, Culiacán |
| | 3 | PJC7 | Neth.Ant. | R. Hoyer 1, Willemstad, Curaçao |
| 1015 | 10 | YSC | El Salvador | R. Internacional, San Salvador |
| | 5 | | Panamá | La Voz del Teribe Bocas del Toro |
| 1020 | 1 | TITNT | Costa Rica | R. Monumental, San Isidro de Puntarenas |
| | 1 | CMAP | Cuba | R. Guamá, Bahía Honda |
| | 1 | TGCM | Guatemala | R. Frontera, Pajapita |
| | 0.5 | 4VP | Haiti | R. Petion-Ville, o |
| | 0.5 | HRUW | Honduras | R. Michelle, La Ceiba |
| | 5 | HO . . | Panama | R. Ritmo, Panama |
| 1025 | 5 | HOU | Panamá | La Voz del Barú, David |
| 1030 | 1 | CMAN | Cuba | R. Guamá, La Palma |
| | 1 | CMJN | | R. Mambí, Santiago |
| | 10 | HIDL | Dom.Rep. | R. Variedades, La Vega |
| | 10 | TGUX | Guatemala | R. Panamericana, Guatemala |
| | 10 | 4VEC | Haiti | R. St. 4VEH, Cap Haïtien |
| | 1 | HRRH3 | Honduras | R. Ticante, Ocotepeque |
| | 1 | HRUP3 | | R. Estereomil, Tegucigalpa |
| | 10/5 | XEQR | México | R. Centro, México |
| | 2.5 | HTO301 | Nicaragua | R. Occidental, Chinandega |
| | 10 | WOSO | Puerto Rico | WOSO, San Juan |
| | 50 | | Turks & Caicos Isl | Caicos Beacon (CP) |
| 1035 | 2 | HTD302 | Nicaragua | R. Masaya, o |
| | 1 | HOS21 | Panamá | R. Unión, Panamá |

| kHz | kW | Call | Country | Name/Location |
|---|---|---|---|---|
| 1040 | 12 | TIAC | Costa Rica | R. Fides, San José |
| | 1 | CMLQ | Cuba | R. Victoria, Pto Padre |
| | 75 | CMCX | | The Voice of Cuba, La Julia |
| | 10 | HION | Dom.Rep. | R. Central, Sto Domingo |
| | 1 | TGJP | Guatemala | R. Oriental, Jalapa |
| | 2 | HRNN2 | Honduras | R. Exitos, San Pedro Sula |
| | 5 | XEBBB | México | R. Bonita, Guadalajara |
| | 2 | HTH401 | Nicaragua | R. Pancasán, Jinotega |
| | 0.05 | ACE | Puerto Rico | AFRTS, Buchanan |
| | 0.25 | WCXQ | | WCXQ, Moca |
| 1045 | 1 | HOJ2 | Panamá | Ondas del Canajagua, Las Tablas |
| 1050 | 10 | CMLL | Cuba | R. Victoria, Las Tunas |
| | 10 | HICB | Dom. Rep. | La Voz de la Hispañola, Stgo |
| | 10 | YSU | El Salvador | R. 1050, San Salvador |
| | 10 | YSU | | R. 1050, Ahuachapán |
| | 1 | YSUC | | R. 1050, Usulután |
| | 5 | YSU | | R. 1050, San Miguel |
| | 1 | YSU | | R. 1050, Sta Ana |
| | 1 | YSUS | | R. 1050, Sonsonate |
| | 5 | TGSL | Guatemala | La Voz de los Cochumatanes, Huehuetenango |
| | 2 | HRLE | Honduras | R. Mil Cincuenta, San Pedro Sula |
| | 10/1 | XED | México | La Grande de Mexicali, Mexicali |
| | 100 | XEG | | La Ranchera de Monterrey, Monterrey |
| 1060 | 50 | TILX | Costa Rica | R. Columbia, Liberia |
| | 1 | CMLO | Cuba | R. Victoria, Amancio R |
| | 5 | CMMQ | | CMKS/CMDX, Baracoa |
| | 10 | ZGBC | Dominica | Gospel Bc Corp., Roseau |
| | 1 | HIRV | Dom.Rep. | R. Mar 1060, San Pedro de Macorís |
| | 5 | HIKF | | R. Azua, o |
| | 1 | TGLR | Guatemala | R. Favorita, Guatemala |
| | 1 | HRLP2 | Honduras | R. Ceiba, La Ceiba |
| | 1 | HRFA | | R. Minería, El Mochito |
| | 50/20 | XEEP | México | R. Educación, México |
| | 1 | HTA601 | Nicaragua | R. Futura, Managua |
| | 3 | HOJ60 | Panamá | La Voz de Panamá, Panamá |
| | 5/0.5 | WCGB | Puerto Rico | R. Iniciativa, Juana Diaz |
| 1070 | 1 | | Bahamas | CP |
| | 10 | CMML | Cuba | CMKS/CMDX, Guantánamo |
| | 10 | HIBI | Dom.Rep. | HIBI Radio, San Francisco de Macorís |
| | 1 | YSAN | El Salvador | La Voz de los Ausoles, Ahuachapán |
| | 3 | TGD | Guatemala | La Voz del Occidente, Quezaltenango |
| | 1 | HRFX | Honduras | Super Radio, Juticalpa |
| | 3 | HRGH | | R. Guaymuras, El Paraíso |
| | 1 | HRLP | | R. Siguatepeque, o |
| | 5/1 | XESP | México | R. Juventud, Guadalajara |
| | 10 | HO.. | Panamá | R. Ritmo, Chitré, |
| | 0.5 | WMIA | Puerto Rico | R. Arecibo, o |
| 1080 | 5 | TIFC | Costa Rica | Faro del Caribe, San José |
| | 1 | TIFC | | Faro del Caribe, Cd. Quesada |
| | 1 | TIFC | | Faro del Caribe, Chomes |
| | 10 | CMCU | Cuba | R. Cadena Habana, Güines |
| | 0.5 | HIMC | Dom. Rep. | R. Programas Quisqueya, Sto Domingo |
| | 5 | YSME | El Salvador | R. 1080, San Miguel |
| | 10 | YSME | | R. 1080, San Salvador |
| | 1 | TGLU | Guatemala | R. Novedad, Zacapa (v.f.) |
| | 20 | 4VRD | Haiti | R. Nationale, Port-au-Prince |
| | 1 | HRXM | Honduras | R. Meridiano, Choluteca |
| | 1 | HRID | | R. Miramar, Tela |
| | 5.5 | HTJ801 | Nicaragua | R. Segovia, Ocotal |
| | 1 | HOJ23 | Panamá | R. Tic Tac, Panamá |
| | 0.25 | WLEY | Puerto Rico | R. Ley/R. Uno, Cayey |
| 1090 | | WRRA | American Virg. Isl. | Frederiksted, St. Croix |
| 1090 | 1 | CMAW | Cuba | R. Guamá, Minas de Matahambre |
| | 3 | HIJM | Dom.Rep. | R. Amistad, Stgo |
| | 3 | YSMG | El Salvador | R. Mil Noventa, Ahuachapán (v.f.) |
| | 10 | TGZ | Guatemala | R. Mil Noventa, Guatemala |
| | 1 | HRWC | Honduras | R. Aeropuerto, Comayagüela |
| | 50 | XEPRS | México | 1090 Express, Rosarito |
| | 5 | XEMCA | | La Divertida, Panuco |
| | 10 | HOL82 | Panamá | R. Nacional, Colón |
| | 0.25 | WKQR | Puerto Rico | R. San Germán, o |
| 1100 | 10 | ZDK | Antigua & Barbuda | Greenville Radio, St. Johns |
| | | TI... | Costa Rica | R. Sta Clara (F. Pl.) |
| | 1 | CMKP | Cuba | R. Angulo, Banes |
| | 1 | CMED | | R. Reloj, Sta Clara |
| | 1 | HIMP | Dom.Rep. | R. Ocoa, San José de Ocoa |
| | 1 | HIHD | | R. Oriente, San Pedro de Macorís |
| | 1 | HIRB | | R. Jimaní, o |
| | 3 | YSRF | El Salvador | R. Femenina, San Salvador |
| | 1 | TGSR | Guatemala | R. Superior, Quezaltenango |
| | 1 | HRQL2 | Honduras | R. La Esperanza, La Esperanza |
| | 1 | HRVA | | R. Tiempo, San Pedro Sula |
| | 1 | HRVL | | R. Lux, Olanchito |
| | 5 | XEVV | México | R. Alegría, Moroleón |
| | 0.25 | PJL3 | Neth. Ant. | R. Caribe, Willemstad, Curaçao |
| 1110 | 10 | CMKL | Cuba | R. Angulo, Holguín |
| | 1 | HIJJ | Dom.Rep. | R. Jarabacoa, o |
| | 1 | HIPS | | R. Nagua, o |
| | 1 | TGMK | Guatemala | R. Marinala, Sta Lucia |
| | 5 | HRPL | Honduras | R. Progreso, El Progreso |
| | 50/10 | XERED | México | R. Cadena Nacional/ R. Red, México |
| | 5/0.25 | XELEO | | La Rancherita Consentida, León |
| | 2.5/0.5 | WVJP | Puerto Rico | R. Caguas, o |
| 1120 | | TISCR | Costa Rica | R. Chorotega, Guanacaste |
| | 5 | CMCW | Cuba | R. Cadena Habana, Artemisa |
| | 1 | CMKQ | | R. Angulo, Mayarí |
| | 5 | HICN | Dom.Rep. | R. Antillas, Sto Domingo |
| | 1 | YSLR | El Salvador | R. La Romántica, San Salvador |
| | 0.5 | TGC | Guatemala | R. Poderosa, Guatemala |
| | 1 | HRTL | Honduras | R. Fiesta, Tegucigalpa |
| | 5 | HRD4 | | R. Oriental, Danlí |
| | 5 | HOM21 | Panamá | R. Sonora, Panamá |
| | 1 | WMSW | Puerto Rico | WMSW, Hatillo |
| 1125 | 10 | TISTHB | Costa Rica | Sonido 1120, San José |
| | 1 | HOF47 | Panamá | Circuito R.P.C., Patino Darién |
| 1130 | 10 | CMKU | Cuba | R. Angulo, Sagua de Tánamo |
| | 10 | HIRL | Dom.Rep. | R. Exitos, Stgo |
| | 1 | YSLG | El Salvador | R. Chaparrastique, San Miguel |
| | 1 | YSJA | | R. Moderna, Sta Ana (r. 1144-1151) |
| | 1 | HRBT | Honduras | R. San Francisco, San Francisco de la Paz |
| | 10 | XEZL | México | R. Alegría, Jalapa |
| | 1 | HTA311 | Nicaragua | R. Reloj, Managua |
| 1135 | 1 | TGVR | Guatemala | La Voz de la Costa Sur, Retalhuleu |
| 1140 | 1 | TITNT | Costa Rica | R. Monumental, Pérez Zeledón |
| | 1 | CMBW | Cuba | R. Cadena Habana, o |
| | 10 | CMNN | | R. Bayamo, Media Luna |
| | 5 | HIRA | Dom.Rep. | R. Anacaona, San Juan de la Maguana |
| | 1 | HRAP | Honduras | R. Mercurio, Choluteca |
| | 5 | HRGN | | R. Palmares, La Ceiba |
| | 5 | XEXF | México | R. Felicidad, León |
| | 50 | XEMR | | La Nueva MR, Monterrey |
| | 1 | HOB49 | Panamá | R. Juvenil, Panamá |
| | 10 | WQII | Puerto Rico | Noticias 11-40, San Juan |

| kHz | kW | Call | Country | Name/Location |
|---|---|---|---|---|
| 1145 | 5 | HRQN | Honduras | La Voz del Atlántico, Pto Cortés |
| 1146 | 0.5 | 4VAB | Haiti | R. Caraïbes, Port-au-Prince |
| 1150 | 10 | CMNQ | Cuba | R. Bayamo, Entronque Buyecito |
| | 5 | HIAS | Dom.Rep. | Onda Musical, Sto Domingo |
| | 2 | YSTS | El Salvador | R. El Mundo, San Salvador (v.f.) |
| | 10 | TGPR | Guatemala | R. Reloj, Guatemala |
| | 5 | HRAV | Honduras | Ondas del Ulúa, Santa Bárbara |
| | 1 | HRLP16 | | R. Moderna, Tegucigalpa |
| | 10 | XEJP | México | R. Variedades, México |
| | | WCRD | Puerto Rico | R. La Grande, Cabo Rojo |
| 1155 | 3 | YSCF | El Salvador | Ondas Orientales, San Miguel (v.f.) |
| 1160 | 5 | TIEXX | Costa Rica | R. Columbia, Puntarenas |
| | 75 | CMCV | Cuba | Voice of Cuba, La Julia |
| | 10 | CMNW | | R. Bayamo, Pilón |
| | 5 | HIBG | Dom.Rep. | Radiolandia, Stgo |
| | 1 | TGRI | Guatemala | R. Izabal, Pto Barrios |
| | 25 | HRVU | Honduras | R. Swan, San Pedro Sula |
| | 10 | HOC20 | Panamá | Ondas Chiricanas, David |
| | 1 | WBQN | Puerto Rico | R. Borinquén, Barceloneta |
| 1163 | 1 | HRGF | Honduras | R. Paraíso, El Paraíso |
| 1165 | 10 | | Antigua & Barbuda | Caribbean R. Lighthouse, St. Johns |
| 1170 | 1/0.25 | HI. . | Dom.Rep. | CP, Monte Cristi |
| | 5 | YSVE | El Salvador | La Voz Evangélica de América "R. VEA", San Salvador |
| | 5 | TGRL | Guatemala | R. Landivar, Quezaltenango |
| | 10 | 4VRS | Haiti | R. Soleil, Port-au-Prince |
| | 1 | HRQL2 | Honduras | R. Sensación, Siguatepeque |
| | 1 | HRAZ2 | | R. Hit, La Ceiba |
| | 5 | XERT | México | R. Grande, Reynosa |
| | 5 | XERB | | Onda Musical del Caribe, Cozumel |
| | 1.5 | HTB711 | Nicaragua | R. Darío, León |
| | 0.25 | WLEO | Puerto Rico | R. Leo, Ponce |
| 1175 | 0.5 | YSCB | El Salvador | La Voz del Pacífico, Sonsonate |
| 1180 | 5 | TIPJ | Costa Rica | R. Victoria, San Francisco de Heredia |
| | 1 | CMJG | Cuba | R. Progreso, Mauarí Arriba |
| | 1 | CMOD | | R. Reloj, Nueva Gerona |
| | 10 | HIBE | Dom.Rep. | R. Mil, Sto Domingo |
| | 10 | TGT | Guatemala | R. Sonora, Guatemala |
| | 10 | HRAZ | Honduras | R. Variedades "Cadena Z", Tegucigalpa |
| | 10 | HOC20 | Panamá | Ondas Chiricanas, David |
| | 10 | HO . . | | R. Belén, Los Remedios de Veraguas |
| 1190 | 1 | CMGD | Cuba | R. Sancti Spíritus, Yaguajay |
| | 5 | HIAG | Dom.Rep. | R. Azul, Stgo |
| | 5 | HRVW2 | Honduras | R. Metropolitana, San Pedro Sula |
| | 50/10 | XEWK | México | La Voz de la América Latina, Guadalajara |
| | 5 | HOOT69 | Panamá | Onda Tropical, Chitré (v.f.) |
| | 10/5 | WXTO | Puerto Rico | R. Rock, San Juan |
| 1194 | 0.2 | 4VAF | Haiti | R. Grand Anse, Jérémie |
| 1200 | 2 | TITG | Costa Rica | R. Doce, San José |
| | 0.25 | CMCO | Cuba | R. Ariguanabo, San Antonio de los Baños |
| | 1 | CMGM | | R. Sancti-Spíritus, Trinidad |
| | 10 | CMJQ | | R. Revolución, Palma Soriano |
| | 5 | HIBS | Dom.Rep. | R. Dial, San Pedro de Macorís |
| | 1 | HIMR | | R. Monte Río, Azua |
| | 1 | TGRJ | Guatemala | R. Jutiapa, o |
| | 1 | HRDS | Honduras | R. Nacoame, o |
| | 1 | HO . . | Panama | R. Nacional, David |
| | 0.05 | NRR | Puerto Rico | AFRTS, Roosevelt Roads |
| | 0.05 | NAU | | AFRTS, Ft. Allen |
| 1205 | 1 | | Cayman Isl. | R. Cayman, George Town |
| 1206 | 1 | 4VLS | Haiti | R. Progrès, Port-au-Prince |
| 1210 | 10 | CMGL | Cuba | R. Sancti-Spíritus, o |
| | 10 | CMJX | | R. Revolución, Chivirico |
| | 1 | CMJW | | R. Revolución, Mayarí Arriba |
| | 10 | | Dominica | R. Caribbean, Roseau |
| | 10 | HICJ | Dom.Rep. | R. Merengue, San Francisco de Macorís |
| | 0.5 | YSCG | El Salvador | R. La Paz, Zacatecoluca |
| | 10 | TGMX | Guatemala | R. Rumbos, Guatemala |
| | 1 | HRXO | Honduras | R. Capital, Comayagüela |
| | 1 | HTN210 | Nicaragua | R. Revolución, Juigalpa |
| | 4 | HOE91 | Panamá | R. Diez, Panamá |
| | 5/1 | WHOY | Puerto Rico | R. Hoy, Salinas |
| 1220 | 1 | TIR | Costa Rica | R. Casino, Limón |
| | 10 | CMDM | Cuba | R. 26, España Republicana |
| | 0.25 | CMMD | | R. Reloj, Guantánamo |
| | 10 | HIN | Dom.Rep. | R. HIN, Sto Domingo |
| | 0.5 | TGMT | Guatemala | R. Luminaria, Antigua |
| | 1 | HRSI | Honduras | R. Roatán, Isla de la Bahía |
| | 1 | HRYS | | R. Suari, Marcala |
| | 100 | XEB | México | La Grande B de México, o |
| 1230 | 3 | CMDN | Cuba | R. 26, Australia |
| | 1 | HIMB | Dom.Rep. | R. Ideal, Moca |
| | 1 | YSNB | El Salvador | R. Sensación, San Salvador |
| | 0.1 | TGAT | Guatemala | R. Atlántida, Pto Barrios |
| | 1 | 4VBL | Haiti | R. Creole, Cap Haïtien |
| | 2 | HRQW | Honduras | R. Tela, o |
| | 1 | HTC230 | Nicaragua | R. Central, Chinandega |
| | 1/0.25 | WNIK | Puerto Rico | R. Unica, Arecibo |
| 1240 | 1 | ZNS2 | Bahamas | Voice of the New Providence, Nassau |
| | 1 | TILX | Costa Rica | R. Columbia, Nicoya |
| | 1 | CMDL | Cuba | R. 26, Matanzas |
| | 3 | HIAU | Dom.Rep. | La Voz de la Libertad, Pto Plata |
| | 5 | HICV | | R. Barahona, o |
| | 5 | TGK | Guatemala | R. Sensación, Guatemala |
| | 10 | HRZC | Honduras | R. Monumental, Tegucigalpa |
| | 10 | XEIZ | México | R. Exitos, Monterrey |
| | 2 | HTP240 | Nicaragua | R. Tasba Pri, Zelaya Norte |
| | 1 | HOM56 | Panamá | R. Boquete, o |
| | 1/0.25 | WALO | Puerto Rico | R. Oriental, Humacao |
| 1250 | 1 | CMEN | Cuba | Doblevé, Caibarién |
| | 0.25 | CMMW | | CMKS/CMDX, Imías |
| | 1 | HIBC | Dom.Rep. | R. Progreso, San Francisco de Macorís |
| | 1 | HI. . | | La Voz del Cibao, o |
| | 3 | YSA | El Salvador | R. Teatro, San Salvador |
| | 0.5 | TGL | Guatemala | R. Victoria, Mazatenango |
| | 0.2 | 4VYM | Haiti | R. Dif. Haïtienne, Port-au-Prince |
| | 10 | HRQ | Honduras | R. Suyapa/Super Q San Pedro Sula |
| | 5/1 | XEDK | México | XEDK 125, Guadalajara |
| | 5 | HO. . | Panamá | R. BB, Panamá |
| 1255 | 2 | HRYN | Honduras | R. Latina, El Paraiso |
| 1260 | 1 | TIHN | Costa Rica | R. Emmaus, San Vito de Coto Brus |
| | 1 | CMDO | Cuba | R. Victoria de Girón, Torrientes |
| | 1 | HIT | Dom.Rep. | R. Visión, Sto Domingo |
| | 1 | HIOS | | R. Marién, Dajabón |
| | 3 | YSA | El Salvador | R. Teatro, San Salvador |
| | 1 | TGPA | Guatemala | R. Monumental Antigua, Guatemala |
| | 10/1 | XEL | México | R. Capital, México |
| | 2.5/0.5 | XEYW | | XEYW, Campeche |
| | 2 | HTA260 | Nicaragua | R. Güegüense, Managua |
| | 1 | HOL60 | Panamá | R. Exito, Stgo |
| | 1 | WISO | Puerto Rico | WISO, Ponce |
| 1270 | 10 | CMHD | Cuba | R. Reloj, Camagüey |
| | 1 | HISD | Dom.Rep. | R. TV Dominicana, Stgo |
| | 1 | HITA | | R. Ambiente, Baní |
| | 0.5 | YSQZ | El Salvador | R. 1270, San Miguel |
| | 1 | TGCQ | Guatemala | R. Exclusiva, Guatemala |

| kHz | kW | Call | Country | Name/Location |
|---|---|---|---|---|
| 1270 | 1 | HRLP17 | Honduras | R. Universal, Tegucigalpa |
| | 1 | HRXD | | R. Manantial, Sta Rosa de Copán |
| | 5/0.5 | XEAX | México | R. Fiesta, Oaxaca |
| | 5 | XEYW | | R. Umán, Mérida |
| | 5/0.15 | XERPL | | El Gallito de tu Radio León |
| | 1.25 | PJA8 | Neth.Ant. | R. Antiliana, St. Nicolaas, Aruba |
| | 3 | HTB270 | Nicaragua | R. Atenas, León |
| | 0.5 | HOJ22 | Panamá | R. Femenina, Panamá |
| 1280 | 2 | TIHT | Costa Rica | R. Alajuela, o |
| | 0.25 | CMHN | Cuba | R. Rectángulo, Guáimaro |
| | 1 | HIVM | Dom.Rep. | R. Bonao, o |
| | 0.5 | HIHZ | | R. Monte Plata Sabana Grande de Boya |
| | 1 | YSV | El Salvador | R. Comercial, Sta Ana |
| | 0.7 | TGAJ | Guatemala | R. Tropicana, Escuintla |
| | 10 | 4VAM | Haiti | R. Métropole, Port-au-Prince |
| | 0.2 | 4VGA | | R. Capois la Mort, Port de Paix |
| | 1 | HRAM | Honduras | R. Olanchito, o |
| | 1 | HRYT | | R. Estrella de Oro, San Pedro Sula |
| | 5/0.5 | XEAW | México | La Estación de la Música Inolvidable, Monterrey |
| | 5/0.25 | XELK | | Onda Juvenil, Zacatecas |
| | 0.25 | HOU80 | | R. Sensación, Agualdulce |
| | 5/1 | WCMN | Puerto Rico | R. Centro, Arecibo |
| 1290 | 0.5 | WRRA | American | R. St. WRRA, Fredriksted, St. Croix |
| | 1 | CMBL | Cuba | R. Enciclopedia, Habana |
| | 1 | CMEO | | Doblevé, Rancho Veloz |
| | 0.5 | HIVD | Dom.Rep. | R. Janico, San José de las Matas |
| | 5 | HIGA | | R. Guarocuya, Barahona |
| | 3 | YSMA | El Salvador | R. Chalatenango, o |
| | 0.5 | TGTU | Guatemala | R. Nacional, Totonicapán |
| | | TG . . | | R. Cultural, Cobán |
| | 2 | HRMW26 | Honduras | R. Choluteca, o |
| | 10/1 | XEDA | México | R. Trece, México |
| | 10/0.25 | XENX | | La Poderosa NX, Mazatlán |
| | 1 | HOS23 | Panamá | R. Guadalupe/La Pantera, Panamá |
| 1300 | 2.5 | TILC | Costa Rica | R. Fuente Musical, Cartago |
| | 1 | HIKQ | Dom.Rep. | R. Radio, Sto Domingo |
| | 5 | YSLV | El Salvador | R. Versatil, San Salvador |
| | 1 | HRLH | Honduras | R. La Voz de la Amistad, Tegucigalpa |
| | 1 | HRLR | | R. Santa Rosa, Sta Rosa de Copán |
| | 5 | XEHU | México | R. Tropical, Martínez de la Torre |
| | 1 | PJD2 | Neth.Ant. | Sunshine Radio, Philipsburg, Sint Maarten |
| | 2 | HTA300 | Nicaragua | Canal 130, Managua |
| | 1 | WTIL | Puerto Rico | R. Util, Mayagüez |
| 1303 | 2 | HRXX | Honduras | R. Rumbas, San Pedro Sula |
| 1307 | 2 | HRLR | Honduras | R. Majestad, Juticalpa (v.f.) |
| 1310 | 1 | CMEP | Cuba | Doblevé, Sagua La Grande |
| | 10 | CMOL | | R. Caribe, La Fé |
| | 1 | HISD | Dom.Rep. | R. TV Dominicana, El Seibo |
| | 1 | HIMH | | R. Real, La Vega |
| | 1 | TGAN | Guatemala | La Voz de los Altos, Quezaltenango |
| | 40 | | Martinique | RFO, Fort de France |
| | 10/0.25 | XEBP | México | La Voz de la Laguna, Torreón |
| | 5/0.25 | XE . . | | La Cotorra de tu Radio, Guadalajara |
| | 2 | HTC310 | Nicaragua | R. San Cristóbal, Chinandega |
| 1315 | 1 | HIAV | Dom.Rep. | R. Baní, o |
| 1320 | 1 | TILX | Costa Rica | R. Columbia, San Carlos |
| | 0.25 | CMAD | Cuba | R. Reloj, Pinar del Río |
| | 10 | YSHQ | El Salvador | R. Progreso, San Salvador |
| 1320 | 10/5 | XECMQ | México | R. Sensación, México |
| | 5/0.5 | XERJ | | La Ranchera de Mazatlán, Mazatlán |
| | 1 | PJA10 | Neth.Ant. | The Voice of Aruba, Oranjestad, Aruba |
| | 5/1 | WUNO | Puerto Rico | Noti-Uno, San Juan |
| 1330 | 0.25 | CMCP | Cuba | R. Artemisa, o |
| | 1 | CMKM | | R. Banes, o |
| | 5 | HIFA | Dom.Rep. | La Voz de las Fuerzas Armadas, Moca |
| | 10 | HI. . | | CP, Sto Domingo |
| | 10 | TGMU | Guatemala | Unión Radio, Guatemala |
| | 1 | HRSW | Honduras | R. Cadena, Comayaguela |
| | 5/1 | XEUAS | México | R. Universidad, Culiacán |
| | 5/1 | XEBO | | R. Variedades, Irapuato |
| | 1 | WENA | Puerto Rico | WENA, Penuelas |
| 1340 | 0.25 | WSTA | American Virg.Isl. | R. St. WSTA, Charlotte Amalie, St. Thomas |
| | 1 | TIHR | Costa Rica | R. Sideral, San Ramón |
| | 10 | CMFL | Cuba | R. Ciudad del Mar, Cienfuegos |
| | 0.25 | | | AFRTS, Guantánamo |
| | 1 | HIBZ | Dom.Rep. | R. Centro, San Juan de la Maguana |
| | 1 | YSXW | El Salvador | R. Novedades, Usulután |
| | 1 | TGME | Guatemala | R. Quesada, o |
| | 10 | TGCO | | La Voz del Trópico, Coatepeque |
| | 10 | HRR6 | Honduras | R. El Mundo, San Pedro Sula (v.f.) |
| | 1/0.25 | WUNA | Puerto Rico | R. Una, Aguadilla |
| 1350 | 0.25 | CMLM | Cuba | R. Libertad, Pto Padre |
| | 1 | CMFM | | R. Cd del Mar, Aguada de Pasajeros |
| | 1 | HIXZ | Dom.Rep. | R. Listín, Sto Domingo |
| | 1 | TG. . | Guatemala | R. Monja Blanca, Cobán (vf) |
| | 5/0.5 | XETB | México | R. Laguna, Torreón |
| | 1 | HTI350 | Nicaragua | R. Estelí, o |
| | 1 | HO . . | Panamá | R. Cadena Millinaria, Panamá |
| | 2.5 | WEGA | Puerto Rico | R. Las Vegas, Vega Baja |
| 1354 | 1 | HRMF | Honduras | R. El Patio, La Ceiba |
| 1360 | 1 | TITNT | Costa Rica | R. Monumental, Limón |
| | 10 | CMHW | Cuba | R. Cadena Agramonte, Ramírez Esq. |
| | 1 | HISD | Dom.Rep. | R. TV Dominicana, Monte Cristi |
| | 0.25 | HISD | | R. TV Dominicana, La Vega |
| | 1 | HIMG | | R. Rutas Musical, La Romana |
| | 10 | TGLK | Guatemala | R. Tic-Tac, Guatemala |
| | 1 | HRLP18 | Honduras | R. San Pedro, Tegucigalpa |
| | 1 | HRDN | | R. Trinidad, o |
| | 1 | HTF360 | Nicaragua | R. Libertad, Jinotega |
| | 1 | HT. . | | Ondas del Sur, Carazo |
| | 1 | HO. . | Panamá | R. Universal, Panamá |
| | 5/1 | WCHQ | Puerto Rico | R. Camuy, o |
| 1370 | 0.25 | CMJM | Cuba | R. Siboney, Santiago de Cuba |
| | 1 | CMHX | | R. Cadena Agramonte, Nuevitas |
| | 5 | HIFA | Dom.Rep. | La Voz de las Fuerzas Armadas, Elias Piña |
| | 1 | HISD | Dom. Rep. | R. TV Dominicana, Barahona |
| | 1 | TGAC | Guatemala | La Voz de Colomá, o |
| | 1 | 4VMN | Haiti | Radiodiff. Cayenne, Les Cayes |
| | 10 | 4VEE | | R. Citadelle, Cap Haïtien |
| | 1 | HRCD | Honduras | R. Constelación, Juticalpa |
| | | XEHF | México | La Norteña, Nogales |
| | 5/0.25 | XEPA | | R. Trece/La Poblanita, Puebla |
| | 1 | HTM370 | Nicaragua | R. Patria, Boaco |
| | 1 | HTC370 | | R. Triunfo, Madriz |
| | 1 | HOO38 | Panamá | R. Colosal, David |
| | 5/1 | WIVV | Puerto Rico | WIVV Missionary R. St., Viequez Island |

| kHz | kW | Call | Country | Name/Location |
|---|---|---|---|---|
| 1372 | 1.5 | HRTR | Honduras | R. Danlí, Cd. Danlí |
| 1380 | 10 | CMHY | Cuba | R. Cadena Agramonte, Jaroní |
| | 10 | HISC | Dom.Rep. | R. Nacional,Stgo |
| | 1 | HIRP | | R. El Seibo, o (n 1490) |
| | 5 | YSMM | El Salvador | R. Tiempo, San Salvador |
| | 1 | TGEB | Guatemala | R. Momostenango, o |
| | 1 | HRST | Honduras | R. Primero de Mayo, San Pedro Sula |
| | 5 | XECO | México | R. Eco, México |
| | 10 | HO.. | Panamá | R. Titania, Panamá |
| | 0.5 | WOLA | Puerto Rico | WOLA, Barranquitas |
| 1385 | 1 | 4VSS | Haiti | R. Port-au-Prince, o |
| 1390 | 1 | CMCM | Cuba | R. Jaruco, o |
| | 5 | HIAR | Dom. Rep. | R. San Cristóbal, o (n 1460) |
| | 5 | TGYC | Guatemala | R. Istmania, Guatemala |
| | 10 | HRVC | Honduras | La Voz Evangélica, Tegucigalpa |
| | 5/0.25 | XETY | México | R. Tecomán, o |
| | 5/1 | XEXO | | X-E Exito, Cd. Mante |
| | 5/1 | XETL | | La Voz de las Huastecas, Tuxpan |
| | 10/0.25 | XERUY | | R. Univ. de Yacatan, Mérida |
| | 10 | XERW | | Sonido 13-90, León |
| | 1 | HOL | Panamá | R. Atlántico/Super Sol, Colón |
| | 1/0.5 | WISA | Puerto Rico | R. Noroeste, Isabela |
| 1400 | 5 | TICJ | Costa Rica | R. Sinai, San Isidro de El General |
| | 0.25 | CMDE | Cuba | R. Musical Nacional, Matanzas |
| | 1 | CMHV | | R. Cadena Agramonte, Guáimaro |
| | 0.25 | HIAL | Dom.Rep. | Ondas del Valle, La Vega |
| | 1 | HISD | | R. TV Dominicana, San Juan |
| | 0.5 | HISD | | R. TV Dominicana, Pedernales |
| | 1.5 | YSJI | El Salvador | La Voz del Litoral, Usulután |
| | 1 | TGIZ | Guatemala | R. Caribe, Pto Barrios |
| | 1 | HRPX | Honduras | El Eco de Honduras, San Pedro Sula |
| | 1 | PJB2 | Neth.Ant. | The Voice of Bonaire, o |
| | 1 | HO. . | Panamá | La Voz de Tonosi, o |
| | 1/0.25 | WIDA | Puerto Rico | R. Wida, Carolina |
| 1410 | 1 | CMAQ | Cuba | R. Pinar Musical, Pinar del Río |
| | 1 | CMHQ | | R. Sta Cruz, o |
| | 1 | HIAE | Dom.Rep. | La Gran Musical, Sto Domingo |
| | 1 | HI. . | | R. Gri Gri, Rio San Juan |
| | 1 | HIRM | | R. Sol, Higüey (v) |
| | 1 | HIPK | | R. Neyba, o (n 1580) |
| | 0.5 | TGGH | Guatemala | R. Xelaju, Quezaltenango |
| | 1 | 4VTS | Haiti | La Voix du Nord'Ouest, Port-de-Paix |
| | 1 | HRGZ | Honduras | La Voz de Atlántida, La Ceiba |
| | 1 | HRSY | | R. La Voz del Pacifico, San Lorenzo |
| | 5/1 | XEBS | México | R. Sinfonola/En Música Ranchera la Mera, México |
| | 5/0.15 | XEKB | | Canal 14-10, Guadalajara |
| | 5/0.5 | XETAB | | La Voz de Tabasco, Villahermosa |
| | 3 | HTB410 | Nicaragua | R. Venceremos, León |
| | 1 | WRSS | Puerto Rico | WRSS, San Sebastián |
| 1420 | 1 | TITNT | Costa Rica | R. Monumental, Nicoya |
| | 0.25 | CMDQ | Cuba | R. Llanuras de Colón, o |
| | 1 | CMMG | | R. Progreso, Baracoa |
| | 0.25 | HIED | Dom. Rep. | R. Oro, Cotuí |
| | 4 | | Guadeloupe | RF0, Citerne |
| | 1 | TGRP | Guatemala | R. 1420/R. Capital, Guatemala |
| | 2 | XEXX | México | La Ranchito/La Double Equis, Tijuana |
| | 5/0.5 | XEF | | R. Exitos, Cd. Juárez |
| | 10/0.2 | XEWE | | R. Irapuato, o |

| kHz | kW | Call | Country | Name/Location |
|---|---|---|---|---|
| 1420 | 1 | ACB20 | Panamá (Canal Zone) | AFRTS, Southern Command Network, Ft. Davis |
| | 1 | WEUC | Puerto Rico | R. Universidad Católica, Ponce |
| 1425 | 1 | TI. . | Costa Rica | R. Guapiles, o |
| 1430 | 10 | CMIN | Cuba | R. Surco, Morón |
| | 0.25 | HILF | Dom. Rep. | R. Cayacoa, Higüey (n 1440) |
| | 0.5 | TGAG | Guatemala | La Voz de Huehuetenango, o |
| | 1 | TGRN | | R. Petén, Flores Petén |
| | 1 | HRVW | Honduras | R. Maranatha, La Paz |
| | 1 | HRQO | | R. La Voz de la Costa, San Pedro Sula |
| | 5/0.5 | XEOX | México | OX 14-30, Cd. Obregón |
| | 2/0.15 | XEWD | | La Nueva WD, Cd. Miguel Alemán |
| | 1 | HTI430 | Nicaragua | R. Liberación, Estelí |
| | 5/0.5 | WNEL | Puerto Rico | R. Tiempo, Caguas |
| 1432 | 1 | 4VGM | Haiti | Magloire Bc. Circuit, Port-au-Prince |
| 1440 | 2 | TIDVC | Costa Rica | R. San Carlos, o |
| | 0.25 | CMCL | Cuba | R. Güines, o |
| | 5 | CMIL | | R. Surco, Ciego de Avila |
| | 5 | HIAD | Dom.Rep. | R. San Juan, San Juan de la Maguana |
| | 1 | HIFS | | R. Bahía, Nagua |
| | 5 | HIAK | | R. Renuevo, Sto Domingo |
| | 0.5 | TGMS | Guatemala | La Voz de Mazatenango, o |
| | 1 | HRIC | Honduras | La Radio del 80, Pto Cortés |
| | 1 | HRRD | | R. San Isidro, La Ceiba |
| | 5/1 | XEST | México | Estudiantes AM, México |
| | 5 | XECCC | | R. Cañón, Guadalajara |
| | 1 | PJA5 | Neth.Ant. | R. Kelkboom, Oranjestad, Aruba |
| 1450 | 1 | CMLN | Cuba | R. Maboas, Amancio |
| | 5 | HIAC | Dom.Rep. | R. Util, Salcedo |
| | 1 | TGLG | Guatemala | R. Variedades, Guatemala |
| | 1 | HRBR | Honduras | R. Cultural de Copán, La Entrada |
| | 1 | HRX23 | | R. Titania, Tegucigalpa |
| | 5/0.25 | XEJM | México | R. Fantasía, Monterrey |
| | 1/0.25 | WCPR | Puerto Rico | R. Coamo, o |
| | 10 | | St. Vincent | R. Antilles |
| 1460 | 1 | TILX | Costa Rica | R. Columbia, Limón |
| | 0.25 | CMHO | Cuba | R. Nuevitas, o |
| | 0.5 | HIAR | Dom.Rep. | R. San Cristóbal, o (cfr 1390) |
| | 0.5 | HIAN | | R. Renacimiento, Hato Mayor |
| | 1 | TGRM | Guatemala | R. Petén, Sta Barbara |
| | 1 | 4VEA | Haiti | La Voix du Nord, Cap Haïtien |
| | 1 | HROX | Honduras | R. Landia, Comayagüela |
| | 10 | XELX | México | R. Zitácuaro, o |
| | 0.25 | HOD42 | Panamá | La Voz de Almirante, o |
| | 0.5 | WLRP | Puerto Rico | R. San Sebastián, o |
| | 5 | WFAB | | "La Fabulosa", Juncos |
| | 0.25 | | | AFCN, Camp García, Vieques Island |
| | 2.5 | | Turks & Caicos Isl. | R. Turks & Caicos, Governor's Beach |
| 1470 | 1 | CMDP | Cuba | R. Ciudad Bandera, Cárdenas |
| | 1 | HIEH | Dom.Rep. | R. Sur, Barahona (v.f.) |
| | 1 | HIDE | | R. San Francisco, San Francisco de Macorís |
| | 3 | HIPV | | R. Cumbre, Villa Tapia (nom 970) |
| | 1 | HIEH | | R. Sur, Barahona |
| | 2 | YSON | El Salvador | R. Cristal, San Salvador |
| | 1 | HR. . | Honduras | R. Moderna, El Progreso |
| | 50 | XEBBC | México | RCN de Tijuana, o |
| | 5/0.2 | XEDS | | R. Formula, Colima |
| | 10/5 | XESM | | R. Cinco, México |
| | 3/0.25 | XEHI | | R. 147, Cd. Miguel Alemán |
| | 5 | XEQF | | R. Loma, Loma Bonita |
| | 1 | WKCK | Puerto Rico | WKCK, Orocovís |
| 1475 | 0.5 | 4VAA | Haiti | La Voix du Peuple, Port-au-Prince |

| kHz | kW | Call | Country | Name/Location |
|---|---|---|---|---|
| 1480 | 1 | TIAW | Costa Rica | R. Puntarenas, o |
| | 0.25 | CMHR | Cuba | R. Florida, o |
| | 1 | HIAH | Dom.Rep. | R. Disco, Sto Domingo |
| | 1 | TGRH | Guatemala | La R-H, Guatemala |
| | 1 | HRMS | Honduras | R. Galaxia, Tegucigalpa |
| | 5/0.25 | XECA | México | XECA, Ixtepec |
| | 5/0.5 | XEPR | | R. Poza Rica, o |
| | 5/0.25 | XETKR | | La TKR, Monterrey |
| | 5 | WMDD | Puerto Rico | R. El Conquistador/La Voz del Oriente, Fajardo |
| 1490 | 0.25 | CMCN | Cuba | R. Camoas, San José de las Lajas |
| | 1 | CMKN | | R. Mayarí, o |
| | 1 | HISD | Dom.Rep. | R. TV Dominicana, Pto Plata |
| | 0.5 | HIRP | | R. El Seibo, o |
| | 0.25 | HIAP | | R. Ronda, Moca |
| | 1 | TGRE | Guatemala | R. Modelo, Retalhuleu |
| | | TG.. | | La Voz Trópico, Cotopeque |
| | 1/0.25 | WZBS | Puerto Rico | R. Señorial, Ponce |
| 1500 | 2 | TIASF | Costa Rica | R. Cima, San Carlos |
| | 1 | CMKR | Cuba | R. Holguín Musical, Holguín |
| | 0.25 | HIPA | | R. Color, Higüey |
| | 1 | HISD | | R. TV Dominicana, San Pedro de Macorís |
| | 1 | YSOO | El Salvador | R. Fides, Usulután |
| | 2 | YSDA | | R. Imperial, Santo Tomás |
| | 0.35 | 4VOC | Haiti | R. Select, Port-au-Prince |
| | 1 | 4VBD | | R. Citadelle, Cap Haïtien |
| | 1 | HRTX | Honduras | R. Victoria, Choluteca |
| | 20/5 | XEAI | México | R. A.I., México |
| | 3 | PJC9 | Neth.Ant. | R. Hoyer 2, Willemstad, Curaçao |
| | 5 | HTA500 | Nicaragua | R. Minuto, Managua |
| | 1/0.25 | WMNT | Puerto Rico | R. Aleluna, Manatí |
| 1505 | 1 | | Anguilla | R. Anguilla, The Valley |
| 1510 | 10 | HIBL | Dom.Rep. | R. Pueblo, Sto Domingo (v.f.) |
| | 1 | TGDX | Guatemala | R. Centroamericana, Guatemala |
| | 5 | XELW | México | R. Felicidad, Cd. Guzmán |
| | 10 | XEQI | | R. Gobierno, Monterrey |
| | 5 | XEOF | | Radiorama 151, Celaya |
| | 5 | XERB | | R. Caribe, Cozumel |
| | 5 | HOA95 | Panamá | R. Equis/La Panameña, Panamá |
| | 1 | WGDL | Puerto Rico | WGDL, Lares |
| 1520 | 2 | TILX | Costa Rica | R. Columbia, Cd. Quesada |
| | 1 | CMJU | Cuba | R. Baraguá, Palma Soriano |
| | 1 | TGSR | Guatemala | R. Superior, Coatepeque |
| | 1 | HRBW | Honduras | R. Presidente, Marcala |
| | 1 | HRLP23 | | R. Moderna, El Progreso |
| | 1 | HOR20 | Panamá | R. Coclé, Penonomé |
| | 10 | WRAI | Puerto Rico | R. Aeropuerto Int., San Juan |
| 1524 | 1 | TILX | Costa Rica | R. Columbia, Turrialba (v.f.) |
| 1530 | 1 | CMIM | Cuba | R. Morón, o |
| | 0.25 | HIJN | Dom. Rep. | R. 15-30, Stgo |
| | 5 | XEUR | México | La Reina del Ritmo/ R. Onda Tropical, México |
| | 1/0.25 | WUPR | Puerto Rico | R. UPR, Utuado |
| 1535 | 0.1 | | St. Vincent | R. St. Vincent, Chateaubelair |
| 1540 | 20 | ZNS1 | Bahamas | The Voice of Bahamas/ R Bahamas, Nassau |
| | 1 | TIASP | Costa Rica | R. Lira, San José |
| | 1 | CMES | Cuba | R. Sagua, Sagua La Grande |
| | 0.25 | HIBD | Dom.Rep. | La Voz de la Romana, La Romana |
| | 1 | HIFB | | La Reina, Sto Domingo |
| | 10 | TGRF | Guatemala | R. Faro Aviateca, Guatemala |
| | 1 | HRYK | Honduras | R. Minuto, Comayaguela |
| | 5 | XEHOS | México | Onda Suave, Hermosillo |
| | 1 | HT. . | Nicaragua | La Voz del Poder Popular, Pto Cabezas |
| | 1 | HOE28 | Panamá | R. Reloj, Panamá |
| | 1 | WBJA | Puerto Rico | R. Musical, Guayama |
| 1550 | 1 | CMHZ | Cuba | R. Cubitas, Sola |
| 1550 | 10 | HITS | Dom.Rep. | R. Enriquillo, Tamayo |
| | | HI. . | | CP, San Juan |
| | 1 | TGCK | Guatemala | R. Sultana de Oriente Zacapa |
| | 2 | HRVL12 | Honduras | R. Estéreo Rey, San Pedro Sula |
| | 5 | XENU | México | La Rancherita Contenta, Nuevo Laredo |
| | 10 | XERUV | | R. Univ. Veracruzana, Jalapa |
| | 0.25 | WKFE | Puerto Rico | R. Café, Yauco |
| 1555 | 10 | | Cayman Isl. | R. Cayman, Gun Bluff |
| 1560 | 5 | TIFQ | Costa Rica | R. Nicoya, o |
| | 1 | CMIR | Cuba | R. Musical Avileña, Ciego de Avila |
| | 1 | HIPZ | Dom.Rep. | R. Pedernales/La Voz de la Frontera, Pedernales |
| | 5 | HIJC | | R. Maibá, Stgo |
| | 5 | XESE | México | La Voz de Campeche, Champotón |
| | 5 | XELAC | | R. Azul, Lazaro Cardenas |
| | 20/5 | XEFAJ | | R. Consentida, México |
| | 5 | XERIO | | R. Río, Ixtlan del Río |
| | 5/0.25 | WRSJ | Puerto Rico | R. Apóstol, San Juan |
| 1565 | 0.25 | | St. Lucia | R. St. Lucia, Castries |
| 1570 | 0.5 | HIRJ | Dom.Rep. | R. Juventud, La Romana |
| | 1 | HIAJ | | R. Amanecer, Sto Domingo |
| | | HI. . | | CP, Jarabacoa |
| | 10 | TGVE | Guatemala | R. Voz Evangélica de América, Guatemala |
| | 1 | HRXV | Honduras | R. Exclusiva, Tegucigalpa |
| | 250 | XERF | México | XERF/Love 16, Cd. Acuña |
| | 0.25 | HOE35 | Panamá | R. Once, Colón |
| | | WPPC | Puerto Rico | R. Felicidad, Penuelas |
| | 50 | | Turks & Caicos Isl | Caicos Beacon |
| 1580 | 50 | | Antigua | Voice of America |
| | 1 | TIMS | Costa Rica | R. Guanacaste, Liberia |
| | 0.25 | CMHP | Cuba | R. Cadena Agramonte, Sta Cruz |
| | 0.5 | HIWJ | Dom.Rep. | R. Samaná, o |
| | 1 | HIPK | | R. Neyba, o (r1410) |
| | 1 | TGPY | Guatemala | R. Payaqui, Esquipulas |
| | 50 | XEDM | México | La Grande de Sonora, Hermosillo |
| | 2/0.25 | XEFP | | R. Alegría, Jalapa |
| | 5/0.5 | XENQ | | La Voz de Hidalgo, Tulancingo |
| | 1 | WGFW | Puerto Rico | WGFW, Morovis |
| 1590 | 0.5 | CMNM | Cuba | R. Granma, Manzanillo |
| | 5 | HIDA | Dom.Rep. | R. Hit Musical, Stgo |
| | 1 | TGXC | Guatemala | R. Triunfadora, Chimaltenango |
| | 10/5 | XEVOZ | México | R. Voz/Su Voz Familiar, México |
| | 5 | XEACH | | La Sultana de Monterrey, o |
| | 10/1.5 | XEHC | | R. Bahía, Ensenada |
| | 1 | WXRF | Puerto Rico | R. Guayama, o |
| 1600 | 1 | TIRCT | Costa Rica | R. Cultural de Turrialba, o |
| | 0.25 | TIAT | | R. Cultural de Buenos Aires, Amumbri |
| | 0.25 | TIBA | | R. Cultural de Buenos Aires, Buenos Aires |
| | 1 | TIJV | | R. Quepos, o |
| | 1 | TILVT | | La Voz de Talamanca, Amubre |
| | 1 | TILGT | | R. 16, Grecia |
| | 1 | TIMMC | | R. Golfito, Pto Golfito |
| | 1 | TIMQ | | R. Pococí, Guápiles |
| | 0.25 | TINI | | R. Sistema Cultural, Nicoya |
| | 0.25 | TIPL | | R. Cultural de Pital, Pital de San Carlos |
| | 1 | TIRCT | | R. Cultural de Turrialba, o |
| | 1 | HIEG | Dom.Rep. | R. América, Sto Domingo |
| | 10 | TGWC | Guatemala | La Voz de Guatemala, o |
| | 0.25 | HRPC | Honduras | R. Luz y Vida, San Luís |
| | 1 | HRXN | | R. Solaris, Tegucigalpa |
| | 5 | WLUZ | Puerto Rico | R. Luz, Santurce |
| 1610 | 15 | | Anguilla | Caribbean Beacon, The Valley |

# SOUTH AMERICA

**Abbreviations** particular to this section of the medium wave tables: CP = Construction Permit, Mun. = Municipal, nf = nominal frequency, Prov. = Provincia, Radiodif. = Radiodifusora, R. Dif. = Radio Difusora, RJ = Rio de Janeiro, ti = temporarily inactive (may reopen shortly), ts = temporarily suspended (may reopen shortly), vf = varying frequency.

The sign o indicates that the location is not given where company name includes the name of the town concerned.

**Brazil:** Stations with a power of less than 1 kW are not mentioned.

| kHz | kW | Call | Country | Station/Location |
|---|---|---|---|---|
| 540 | 25/5 | LRA 14 | Argentina | R. Nacional, Santa Fé |
| | 5 | LRA25 | | R. Nacional, Tartagal |
| | 25/5 | LU17 | | R. Golfo Nuevo, Puerto Madryn |
| | 50 | ZYH295 | Brazil | R. Nal. de Manaus, o, AM |
| | 1/0.25 | ZYH894 | | R. Guajajara, Barra do Corda, MA |
| | 1/0.25 | ZYH610 | | R. Uirapurú, Canindé, CE |
| | 10/2.5 | ZYJ924 | | R. Jornal de Sergipe, Aracaju, SE |
| | 1/0.25 | ZYH481 | | R. Regional, Irecê, BA |
| | 10/2.5 | ZYJ450 | | R. Fluminense, Niterói, RJ |
| | 1/0.25 | ZYK697 | | R. Uirapurú, Biriguí, SP |
| | 1/0.25 | ZYK734 | | R. Nova Sumaré, Sumaré, SP |
| | 10/0.5 | ZYJ778 | | R. Mirador, Rio do Sul, SC |
| | 1/0.25 | ZYK226 | | R. Real, Canoas, RS |
| | 10/1 | ZYK322 | | R. Sepe Tiarajú, Santo Angelo, RS |
| | 10 | ZYI... | | R. Nal. de Corumbá, o, MS (CP) |
| | 10/1 | ZYH755 | | R. Riviera, Goiânia, GO |
| | 1 | CB54 | Chile | R. Ignacio Serrano, Melipilla |
| | 1 | CD54 | | R. Calle-Calle, Valdivia |
| | 10 | HJKA | Colombia | R. Exito, Bogotá |
| | 25 | HCFA2 | Ecuador | R. Tropicana, Guayaquil |
| | 100 | YVOV | Venezuela | R. Perijá, Villa del Rosario |
| | 25 | YVUR | | La Voz de Codesur, San Juan de Manapiare |
| 550 | 1/0.25 | ZYI902 | Brazil | R. Serra da Capivara, São Raimundo Nonato, PI |
| | 1/0.25 | ZYI... | | R. Igaraçu, Parnaíba, PI (CP) |
| | 5/1 | ZYI796 | | R. Meridional, Garanhuns, PE |
| | 5/0.5 | ZYL225 | | R. Cataguases, o, MG |
| | 5 | ZYL263 | | R. Soc. Norte de Minas, Montes Claros, MG |
| | 5/0.5 | ZYK578 | | R. Mantiqueira, Cruzeiro, SP |
| | 5/1 | ZYK696 | | R. Educacão e Cultura de Sertãozinho, o, SP |
| | 2.5/0.25 | ZYK287 | | R. Santa Cruz do Sul, o, RS |
| | 50 | HJHF | Colombia | Radiodif. Nal. de Colombia, Medellín (Marinilla) (vf) |
| | 50 | HCGM1 | Ecuador | R. Reloj, Quito |
| | 10 | CW1 | Uruguay | R. Colonia, o (vf) |
| | 100 | YVKE | Venezuela | R. Mundial, Caracas |
| 555 | 25 | ZP16 | Paraguay | R. Pres. Stroessner, Ciudad Pres. Stroessner (nf 550) |
| 560 | 25/5 | LRA9 | Argentina | R. Nacional, Esquel |
| | 25/6 | LRA13 | | R. Nacional, Bahía Blanca |
| | 10/3 | LT15 | | R. del Litoral, Concordia |
| | 25/3 | LV1 | | R. Colón, San Juan |
| | 10/5 | ZYH887 | Brazil | R. Educ. do Maranhão, São Luís, MA |
| | 5/1 | ZYH456 | | R. Jornal de Itabuna, o, BA |
| | 5/0.25 | ZYJ496 | | R. Costa do Sol, Araruama, RJ |
| | 25/10 | ZYK... | | R. Campestre, São Paulo, SP (CP) |
| 560 | 1/0.5 | ZYJ214 | | R. Londrina, o, PR |
| | 2.5/0.25 | ZYJ281 | | R. Cult. de Guarapuava, o, PR |
| | 5/1 | ZYK231 | | R. São Francisco, Caxias do Sul, RS |
| | 1/0.25 | ZYI... | | R. Pioneira, Tangará da Serra (Barra dos Bugres), MT (CP) |
| | 10 | HJGS | Colombia | Tr. de la Independencia, Tunja |
| | 25 | HJPF | | R. Cinco Sesenta / La Voz de la Pampa, Maicao |
| | 25 | HCRN2 | Ecuador | C.R.E. Radiodif. del Ecuador, Guayaquil |
| | 10 | | Guyana | Guyana Bc. Corp., ("Action R."), Georgetown |
| | 5 | YVJA | Venezuela | Radiodif. del Ejecutivo del Estado Apure, San Fernando de Apure (vf) |
| 565 | 1 | OBZ4L | Peru | R. Oriente, Lima (nf 560) (vf) |
| 570 | 5/0.25 | ZYH613 | Brazil | R. Vale do Cariri, Juazeiro do Norte, CE |
| | 1/0.25 | ZYH614 | | R. Uirapuru de Itapipoca, Itapipoca, CE |
| | 5/1 | ZYH244 | | R. Novo Nordeste, Arapiraca, AL |
| | 25/5 | ZYL261 | | R. Capital de Minas, Belo Horizonte, MG |
| | 5/1 | ZYK672 | | R. Dif. de Taubaté, o, SP |
| | 5/0.25 | ZYJ735 | | R. Eldorado, Criciúma, SC |
| | 1/0.25 | ZYK267 | | R. Passo Fundo, o, RS |
| | 50 | CB57 | Chile | R. Agricultura, Santiago |
| | 100 | HJND | Colombia | Radiodif. Nal. de Colombia, Bogotá |
| | 1 | HCRM1 | Ecuador | R. Musical, Quito |
| | 25 | ZP15 | Paraguay | R. La Voz del Amambay, Pedro Juan Caballero (vf) |
| | 1.5 | OAX3X | Peru | R. Progreso, Chimbote |
| | 100 | YVLX | Venezuela | R. Rumbos, Villa de Cura |
| 580 | 25/5 | LRA16 | Argentina | R. Nacional, La Quiaca |
| | 15/5 | LU20 | | R. Chubut, Trelew |
| | 10/2.5 | LV15 | | R. Villa Mercedes, o |
| | 25/5 | LW1 | | R. Univ. Nal. de Córdoba, o |
| | 10 | CP91 | Bolivia | R. Panamericana, La Paz |
| | 10 | ZYH290 | Brazil | R. Nal. de Tefé, o, AM |
| | 20/10 | ZYI776 | | R. Globo, Recife, PE |
| | 1/0.25 | ZYH477 | | R. Sobral, Teixeira de Freitas, BA |
| | 5/0.25 | ZYL328 | | R. Visão de Uberlândia, Uberlândia, MG |
| | 10/5 | ZYJ465 | | R. Relógio Federal, RJ, RJ |
| | 1/0.25 | ZYK540 | | R. Cl. de Americana, o, SP |
| | 1/0.25 | ZYK724 | | R. Som Lider, Palmital, SP |
| | 1/0.25 | ZYK299 | | R. São Gabriel, o, RS |
| | 10/5 | ZYK318 | | R. Fátima, Vacaria, RS |
| | 10/1 | ZYI387 | | R. Educ. Rural, Campo Grande, MS |
| | 50 | HJHG | Colombia | Radiodif. Nal. de Colombia, Cali |
| | 10 | HCPC2 | Ecuador | R. Uno, ("La Primerisima"), Guayaquil |
| | 10 | OAX2E | Peru | R. Marañón, Jaén |
| | 1 | CX58 | Uruguay | R. Clarín, Montevideo |
| | 50 | YVMJ | Venezuela | La Voz de la Fé, Maracaibo |
| 590 | 25/5 | LRA30 | Argentina | R. Nacional Bariloche, San Carlos de Bariloche |

| kHz | kW | Call | Country | Station/Location |
|---|---|---|---|---|
| 590 | 25/5 | LS4 | | R. Continental, Buenos Aires |
| | 25/5 | LV12 | | R. Independencia, San Miguel de Tucumán |
| | 10 | ZYJ700 | Brazil | R. Nal. de Boa Vista, o, RR |
| | 5/0.25 | ZYH627 | | R. Vale do Rio Poty, Crateús, CE |
| | 10/5 | ZYH445 | | R. Cruzeiro da Bahia, Salvador, BA |
| | 1/0.25 | ZYL277 | | R. Dif. de Patrocínio, o, MG |
| | 5/0.5 | ZYI213 | | R. Tribuna, Vitória, ES |
| | 5/0.25 | ZYK534 | | R. Atlântica de Santos, o, SP |
| | 5/1 | ZYK643 | | R. Ribeirão Preto, o, SP |
| | 10/5 | ZYJ234 | | R. Dif. Ouro Verde, Curitiba, PR |
| | 5/0.25 | ZYK210 | | R. Cult. de Alegrete, o, RS |
| | 10/5 | ZYI420 | | R. Vila Real, Cuiabá, MT |
| | 1 | CA59 | Chile | R. Minería, Antofagasta |
| | 1 | CC59 | | R. Caracol, Concepción |
| | 10 | CD59 | | R. Pres. Ibañez, Punta Arenas |
| | 100 | HJCR | Colombia | R. Sutatenza, Medellín |
| | 1 | HCSP1 | Ecuador | R. Fiesta, Quito (ti) |
| | 5 | ZP32 | Paraguay | R. Ycuámandyyú, San Pedro de Ycuámandyyú |
| | 0.5 | OAX4S | Peru | R. Comas, o |
| | 5 | OAZ8C | | R. Sideral, Pucallpa |
| | 100 | YVKL | Venezuela | R. Continente, Caracas |
| 600 | 10/2 | CP190 | Bolivia | R. ACLO, Sucre |
| | 10 | ZYH287 | Brazil | R. Nal. de São Gabriel da Cachoeira, o, AM |
| | 1/0.25 | ZYI789 | | R. Dif. Cardeal Arcoverde, Arcoverde, PE |
| | 10/1 | ZYH... | | R. Vale do Rio Grande, Barreriras, BA (CP) |
| | 100 | ZYK278 | | R. Gaúcha, Pôrto Alegre, RS |
| | 10 | CB60 | Chile | R. Gigante, Santiago |
| | 50 | HJHJ | Colombia | R. Libertad, Barranquilla |
| | 50 | HCXY2 | Ecuador | R. Nal. del Ecuador, Guayaquil |
| | 0.25 | OAX6S | Peru | R. Cultural Toquepala, Tacna |
| | 10 | PZX26 | Surinam | Stichting R. Omroep Suriname, Paramaribo |
| | 10 | YVQB | Venezuela | R. Sucre, Cumaná |
| 610 | 20 | CP63 | Bolivia | R. San Gabriel, La Paz |
| | 10/1 | ZYI899 | Brazil | R. Poty, Teresina, PI |
| | 1/0.25 | ZYI678 | | R. Progresso, Souza, PB |
| | 50 | ZYL268 | | R. Itatiaia, Nova Lima, MG |
| | 1/0.25 | ZYK577 | | Em. A Voz de Catanduva, o, SP |
| | 1/0.25 | ZYK589 | | R. Piratininga, Guaratinguetá, SP |
| | 30 | HJKH | Colombia | R. Tequendama, Bogotá |
| | 25 | HCMJ1 | Ecuador | Em. Gran Colombia, Quito (vf) |
| | 10 | ZP30 | Paraguay | R. La Voz del Chaco Paraguayo, Filadelfia |
| | 1 | 0..4. | Peru | R. La Favorita, Lima |
| | 50 | CX4 | Uruguay | R. Rural, Montevideo |
| | 10 | YVSE | Venezuela | R. Cristal, Barquisimeto |
| 617 | 1 | ZP40 | Paraguay | R. Ñasaindý, Santaní (San Estanislao) (nf 620) |
| 620 | 25/5 | LRA18 | Argentina | R. Nacional, Río Turbio |
| | 25/3 | LRA28 | | R. Nacional, La Rioja |
| | 50 | LT17 | | R. Prov. de Misiones, Posadas |
| | 1 | LV4 | | R. San Rafael, o |
| | 10 | ZYH590 | Brazil | R. Assunção Cearense, Fortaleza, CE |
| | 50/10 | ZYK521 | | R. Panamericana, ("Jovem Pam"), São Paulo, SP |
| | 1/0.25 | ZYJ332 | | R. Cidade Jandaia, Jandaia do Sul, PR |
| | 5/0.25 | ZYJ779 | | R. Dif. Alto Vale, Rio do Sul, SC |
| 620 | 10/1 | ZYK270 | | R. Pelotense, Pelotas, RS |
| | 1/0.25 | ZYK315 | | R. Municipal, Tenente Portela, RS |
| | 1 | CA62 | Chile | R. Norte Verde, Ovalle |
| | 10 | CC62 | | R. Bío-Bío, Concepción |
| | 25 | HJBP | Colombia | R. Ciudad de Cartagena, o |
| | 50 | HJEL | | R. Ciudad de Cali, o |
| | 50 | HCXY3 | Ecuador | R. Nal. del Ecuador, Loja |
| | 1 | OAX2M | Peru | R. Chepén, o |
| | 10 | OCY4A | | R. Estrella del Sur, Cañete |
| | 2 | OAX5T | | R. La Voz de Huamanga, Ayacucho |
| | 10 | YVNO | Venezuela | R. Libertad, Cabimas |
| 630 | 20/5 | LS5 | Argentina | R. Rivadavia, Buenos Aires |
| | 10 | ZYH288 | Brazil | R. Nal. de Tabatinga, o, AM |
| | 10 | ZYH422 | Brazil | R. Nal. de Macapá, o, AP |
| | 1/0.25 | ZYI... | | R. Dif da Barra, Barras, PI (CP) |
| | 10/5 | ZYJ920 | | R. Dif. de Sergipe, Aracaju, SE |
| | 1/0.5 | ZYL299 | | R. Dif. de Uberaba, o, MG |
| | 10/5 | ZYJ466 | | R. Roquette Pinto, RJ, RJ |
| | 1/0.25 | ZYK613 | | R. Dif. de Mirassol, o, SP |
| | 5/0.25 | ZYK635 | | R. Piratininga ("R. Cidade"), Pres. Prudente, SP |
| | 10/0.5 | ZYJ284 | | R. Estadual do Paraná, Curitiba, PR |
| | 1/0.25 | ZYJ800 | | R. Doze de Maio, São Lourenço d'Oeste, SC |
| | 1/0.25 | ZYK289 | | R. Santamariense, Santa Maria, RS |
| | 10/5 | ZYI384 | | R. Dif. Bom Jesús, Cuiabá, MT |
| | 10 | CB63 | Chile | R. Amapola, Valparaíso |
| | 0.25 | CC63 | | R. Constitución, o |
| | 20 | HJFD | Colombia | R. Manizales, o |
| | 10 | YVKA | Venezuela | R. Nacional, Caracas |
| | 10 | YVSL | | R. Nacional, San Cristóbal |
| 635 | 5 | HCHA2 | Ecuador | Ondas Quevedeñas, Quevedo (nf 630) |
| 640 | 25/5 | LRA24 | Argentina | R. Nacional, Río Grande |
| | 10/1 | LU18 | | R. El Valle, General Roca |
| | 1 | CP159 | Bolivia | R. Huayna Potosí, Milluni |
| | 10 | CP204 | | R. Tarija, o |
| | 10/5 | ZYJ590 | Brazil | R. Cabugi, Natal, RN |
| | 5/0.25 | ZYL308 | | Em. Santa Cruz, Pará de Minas, MG |
| | 5/1 | ZYI204 | | R. Vitória, o, ES |
| | 5/0.5 | ZYK547 | | R. A Morada do Sol, Araraquara, SP |
| | 1/0.25 | ZYJ262 | | R. Auri Verde, Londrina, PR |
| | 50/10 | ZYK277 | | R. Dif. Pôrtoalegrense, Pôrto Alegre, RS |
| | 25/5 | ZYK757 | | R. Dif. de Goiânia, o, GO |
| | 10 | CD64 | Chile | R. Cooperativa, Temuco |
| | 10 | HJBJ | Colombia | La Voz de Santa Marta, o |
| | 50 | HCXY1 | Ecuador | R. Nal. del Ecuador, Quito |
| | 10 | OAZ4K | Peru | R. del Pacífico, Lima |
| | 1 | OBX7B | | R. Onda Azul, Puno |
| | 50 | YVQO | Venezuela | Ondas Porteñas, Puerto La Cruz |
| 645 | 10 | ZP19 | Paraguay | R. Caaguazú, Coronel Oviedo (nf 640) |
| 650 | 10/1 | ZYI... | Brazil | Santarém R. e TV, Santarém, PA (CP) |
| | 1/0.25 | ZYI672 | | R. Alto Piranhas, Cajazeiras, PB |
| | 5/0.5 | ZYL200 | | R. Princesa, Lagoa Formosa, MG |
| | 10 | ZYL272 | | R. Ouro Prêto, o, MG |
| | 1/0.25 | ZYK508 | | R. Andradina, o, SP |
| | 5/0.25 | ZYK524 | | R. Dif. de Piracicaba, o, SP |
| | 10 | HJJX | Colombia | Em. Monserrate, Bogotá |
| | 10 | HCED4 | Ecuador | R. Visión, Manta |
| | 0.5 | OAX2N | Peru | Ondas del Norte, Trujillo |

| kHz | kW | Call | Country | Station/Location |
|---|---|---|---|---|
| 650 | 1 | OAX5R | | R. Regionalista, Ica |
| | 7 | CX6 | Uruguay | S.O.D.R.E., Montevideo |
| | 50 | YVLH | Venezuela | RadioVisión 650, Maracay |
| 652 | 5 | ZP29 | Paraguay | R. Vallemí, o (nf 650) (vf) |
| 660 | 1 | ZYI787 | Brazil | R. Dif. de Limoeiro, o, PE |
| | 1/0.25 | ZYI795 | | R. da Grande Serra, Araripina, PE |
| | 1/0.25 | ZYL... | | R. Educ. de Porteirinha, o, MG |
| | 1/0.5 | ZYJ472 | | R. Soc. de Friburgo, Nova Friburgo, RJ |
| | 1/0.5 | ZYK518 | | R. A Tribuna, Santos, SP |
| | 10/0.5 | ZYK639 | | R. Cl. de Ribeirão Preto, o, SP |
| | 10/0.25 | ZYK319 | | R. Cidade de Vacaria, Vacaria, RS |
| | 10/1 | ZYI401 | | R. Amorim, Rondonópolis, MT |
| | 50/1 | CB66 | Chile | R. Chilena, Santiago |
| | 10 | HCLG2 | Ecuador | R. Carrousel, Guayaquil |
| | 10 | ZP26 | Paraguay | R. Itapirú, Ciudad Pres. Stroessner (vf) |
| | 10 | OCX4R | Peru | R. Omega, Lima |
| | 10 | YVNA | Venezuela | Ondas de los Médanos, Coro |
| 665 | 1 | OCX4L | Peru | R. Chinchaycocha, Junín (nf 660) |
| 670 | 25/5 | LRA11 | Argentina | R. Nacional, Comodoro Rivadavia |
| | 1 | LRA52 | | R. Nacional, Chos Malal |
| | 20/5 | LRI209 | | R. Mar del Plata, o |
| | 25/5 | LT4 | | Radiodif. Misiones, Posadas |
| | 1/0.25 | ZYH... | Brazil | R. TV do Amazonas, Sena Madureira, AC (CP) |
| | 1/0.25 | ZYH... | | R. Vale do Rio Madeira, Humaitá, AM (CP) |
| | 1/0.25 | ZYI537 | | R. Rural, Altamira, PA |
| | 1/0.25 | ZYI... | | R. Atalaia, Obidos, PA |
| | 1/0.25 | ZYI... | | Rede de Em. Unidas, Paragominas, PA (CP) |
| | 1/0.25 | ZYH606 | | R. Cult. de Várzea Alegre, o, CE |
| | 10/5 | ZYJ921 | | R. Cult. de Sergipe, Aracaju, SE |
| | 5/2.5 | ZYL310 | | R. Educ. de Montes Claros, o, MG |
| | 1/0.25 | ZYL... | | R. Visão, Ponte Nova, MG (CP) |
| | 1/0.25 | ZYK585 | | R. Centro Oeste Paulista, Garça, SP |
| | 1/0.5 | ZYK598 | | R. Em. Convenção de Itu, Itu, SP |
| | 1/0.25 | ZYJ231 | | R. Soc. Nova Esperança, o, PR |
| | 10/5 | ZYJ248 | | R. Cidade de Curitiba, Curitiba, PR |
| | 1/0.25 | ZYK296 | | R. Cult. Jaguarão, Santa Vitória do Palmar, RS (nf 1570) |
| | 5/0.25 | ZYK370 | | R. Gazeta, Carazinho, RS |
| | 10 | ZYI... | | Sistema Sul Matogrossense de Radiodifusão, Ponta Porã, MS (CP) |
| | 5/1 | ZYH747 | | R. São Francisco, Anápolis, GO |
| | 10 | HJJM | Colombia | R. Uno, Cali |
| | 10 | HJPL | | R. Calidad, Medellín |
| | 5 | HCFF1 | Ecuador | R. Jesús del Gran Poder, Quito |
| | 10 | O..7. | Peru | R. Nal. del Perú, Puno |
| | 100 | YVLL | Venezuela | R. Rumbos, Caracas |
| 675 | 25 | HCVP2 | Ecuador | Sistema de Em. Atalaya, Guayaquil (nf 680) |
| 680 | 25/5 | LU12 | Argentina | R. Río Gallegos, o |
| | 25/5 | LV6 | | R. Nihuil, Mendoza |
| | 10 | CP34 | Bolivia | R. Méndez, La Paz (ti) |
| | 10/5 | ZYH885 | Brazil | R. Dif. do Maranhão, São Luís, MA |
| 680 | 2.5/0.25 | ZYI683 | | R. Integração do Brejo, Bananeiras, PB |
| | 10/1 | ZYI793 | | R. do Grande Rio, Petrolina, PE |
| | 5/0.5 | ZYH471 | | R. Cl. de Santo Antônio de Jesús, o, BA |
| | 20/5 | ZYJ452 | | R. Copacabana, São Gonçalo, RJ |
| | 1/0.25 | ZYK576 | | R. Dif. de Catanduva, o, SP |
| | 1/0.25 | ZYK628 | | R. Piratininga de Piraju, Piraju, SP |
| | 100/50 | ZYK275 | | R. Farroupilha, Pôrto Alegre, RS |
| | 5/1 | ZYI389 | | R. Cult. de Campo Grande, o, MS |
| | 1/0.25 | ZYH765 | | R. Dif. de Jataí, o, GO |
| | 10 | CA68 | Chile | R. El Loa, Chuquicamata |
| | 10 | CC68 | | R. Universidad, Concepción |
| | 100 | HJBU | Colombia | Radiodif. Nal. de Colombia, Zambrano |
| | 2 | ZP41 | Paraguay | R. Ypacaraí, o (ti) |
| | 1 | OBX4A | Peru | R. RBC, Callao |
| | 5 | OAX5E | | R. Independencia, Ica |
| | 1 | CW27 | Uruguay | R. Tabaré, Salto (nf 740) |
| | 10 | YVQR | Venezuela | R. Cumaná, o |
| 690 | 25/5 | LRA4 | Argentina | R. Nacional, Salta |
| | 10/5 | ZYI532 | Brazil | R. Cl. do Pará, Belém, PA |
| | 25/10 | ZYH587 | | R. Dragão do Mar, Fortaleza, CE |
| | 5/0.25 | ZYH453 | | R. Cult. de Ilhéus, o, BA |
| | 10/3 | ZYL228 | | R. Mineira, Belo Horizonte, MG |
| | 1/0.25 | ZYK561 | | R. Bebedouro, o, SP |
| | 1/0.25 | ZYK588 | | R. Cl. de Guaratinguetá, o, SP |
| | 1/0.25 | ZYK625 | | R. Pereira Barreto, o, SP |
| | 1/0.25 | ZYK646 | | R. Brasil, Santa Bárbara d'Oeste, SP |
| | 1/0.25 | ZYJ229 | | R. Dif. Londrina, o, PR |
| | 1/0.25 | ZYJ252 | | R. Dif. de Ponta Grossa, o, PR |
| | 5/0.5 | ZYJ772 | | R. Cl. de Lages, o, SC |
| | 5/0.25 | ZYK252 | | R. Progresso de Ijuí, o, RS |
| | 1 | ZYI... | | R. Parecis, Diamantino, MT (CP) |
| | 5/0.25 | ZYI402 | | R. Cult. de Naviraí, o, MS |
| | 10 | CB69 | Chile | R. Santiago, o |
| | 10 | CD69 | | R. Estrella del Mar, Ancud |
| | 10 | HJCZ | Colombia | La Voz de Colombia, Bogotá |
| | 50 | HCJB1 | Ecuador | La Voz de los Andes, Quito |
| | 5 | HCEA4 | | La Voz de Manabí, Portoviejo |
| | 1 | OAX3F | Peru | R. Chimbote, o |
| | 25 | CX8 | Uruguay | R. Sarandí, Montevideo |
| | 50 | YVMR | Venezuela | R. Barquisimeto, o |
| 695 | 50 | HCRS2 | Ecuador | R. Sucre, Guayaquil (nf 700) (vf) |
| 700 | 10/5 | ZYI890 | Brazil | R. Cl. de Teresina, o, PI |
| | 10/0.25 | ZYH... | | R. Dif. e Cult. de Feira de Santana, o, BA (CP) |
| | 100/50 | ZYK686 | | R. Eldorado, São Paulo, SP |
| | 120 | HJCX | Colombia | R. Sutatenza, Cali |
| | 10 | ZP12 | Paraguay | R. Carlos Antonio López, Pilar |
| | 1 | OBZ4H | Peru | R. Aeropuerto, Lima |
| | 10 | YVMH | Venezuela | R. Popular, Maracaibo |
| 705 | 10 | | Guyana | Guyana Bc. Corp., ("Action R."), Linden (nf 700) |
| 710 | 25/5 | LRA17 | Argentina | R. Nacional, Zapala |
| | 25/3 | LRA19 | | R. Nacional, Puerto Iguazú |
| | 25/5 | LS1 | | R. Municipal de la ciudad de Buenos Aires, o |
| | 10/5 | LV7 | | R. Tucumán, San Miguel de Tucumán |
| | 1/0.25 | ZYH... | Brazil | R. Verdes Vales, Grajaú, MA (CP) |
| | 1/0.25 | ZYH628 | | R. Dif. Asa Branca, Boa Viagem, CE |

| kHz | kW | Call | Country | Station/Location |
|---|---|---|---|---|
| 710 | 5/1 | ZYH240 | | R. Educ. Palmares de Alagôas, Maceió, AL |
| | 5/0.25 | ZYL258 | | R. Manhuaçu, o, MG |
| | 10/0.5 | ZYJ451 | | R. Dif. Carioca, RJ, RJ |
| | 10/5 | ZYK559 | | R. Em. Terra Branca, Bauru, SP |
| | 10 | HJNX | Colombia | R. Super, Medellín |
| | 10 | O..7. | Peru | R. Nal. del Perú, Puerto Maldonado |
| | 50 | YVKY | Venezuela | R. Capital, Caracas |
| 715 | 5 | HCGB4 | Ecuador | La Voz de Portoviejo, o (nf 720) (vf) |
| 720 | 1 | LRA59 | Argentina | R. Nacional, Gobernador Gregores |
| | 25/5 | LV10 | | R. de Cuyo, Mendoza |
| | 1.5 | CP148 | Bolivia | R. Yungas, Chulumani |
| | 10 | ZYH202 | Brazil | R. Nal. de Cruzeiro do Sul, o, AC |
| | 1 | ZYH281 | | R. Dif. Itacoatiara, o, AM |
| | 100 | ZYI770 | | R. Cl. de Pernambuco, Recife, PE |
| | 1/0.25 | ZYK575 | | R. Dif. de Casa Branca, o, SP |
| | 1/0.25 | ZYK701 | | R. Sentinela, Ourinhos, SP |
| | 1/0.25 | ZYK718 | | R. Cruzeiro, o, SP |
| | 1/0.25 | ZYK722 | | R. Menina, Olímpia, SP |
| | 50 | ZYK276 | | R. Guaíba, Pôrto Alegre, RS |
| | 5/1 | ZYI390 | | R. Cl. de Dourados, o, MS |
| | 30 | HJAN | Colombia | Em. Unidas, Barranquilla |
| | 25 | HJVO | | Tr. del Quindío, Armenia |
| | 5 | HCIC1 | Ecuador | R. Municipal, Quito |
| | 100 | YVQL | Venezuela | RadioVisión Oriente, Porlamar |
| 730 | 20/3 | LRA3 | Argentina | R. Nacional, Santa Rosa |
| | 25 | LRA27 | | R. Nacional, San Fernando del Valle de Catamarca |
| | 10/1 | LU23 | | R. Lago Argentino, El Calafate |
| | 10 | CP27 | Bolivia | R. La Cruz del Sur, La Paz |
| | 3 | CP165 | | R. Mensaje, Montero |
| | 1/0.25 | ZYH896 | Brazil | R. Eldorado, Codó, MA |
| | 10/5 | ZYI780 | | Em. Rural, ("A Voz do São Francisco"), Petrolina, PE |
| | 5/1 | ZYL297 | | R. Nova Cidade, Juiz de Fora, MG |
| | 1/0.25 | ZYL326 | | R. União de João Pinheiro, João Pinheiro, MG |
| | 5/0.25 | ZYK523 | | R. Santos Dumont, Jundiaí, SP |
| | 5/1 | ZYK610 | | R. Dirceu de Marília, o, SP |
| | 5/0.25 | ZYJ208 | | R. Marumbi, Campo Largo, (Curitiba), PR |
| | 1/0.25 | ZYJ787 | | Soc. R. Tubá, Tubarão, SC |
| | 5/1 | ZYK268 | | R. Planalto, Passo Fundo, RS |
| | 1/0.25 | ZYH786 | | R. Jornal, Luziânia, GO |
| | 10 | CB73 | Chile | R. Cooperativa, Valparaíso |
| | 0.25 | CD73 | | R. O'Higgins, Los Angeles |
| | 1 | CD73B | | R. Aysen, Puerto Aysen |
| | 25 | HJCU | Colombia | R. Melodía, Bogotá |
| | 10 | HCMG2 | Ecuador | R. Guayaquil, o (vf) |
| | 1 | OAX2J | Peru | R. Nal. del Perú, Trujillo |
| | | O...2. | | R. Inca del Perú, Los Baños del Inca |
| | 10 | OBX4G | | R. Programas del Perú, San Isidro |
| | 10 | YVMT | Venezuela | R. Universo, Barquisimeto |
| 735 | 10 | HCGC1 | Ecuador | R. Melodía, Quito (nf 740) |
| 740 | 1 | LRA55 | Argentina | R. Nacional, Alto Río Senguerr |
| | 100 | ZYH446 | Brazil | R. Soc. da Bahia, Salvador, BA |
| | 5/0.5 | ZYK655 | | R. Universal, Santos, SP |
| | 1/0.25 | ZYJ259 | | R. Goio-Erê, o, PR |
| | 5/1 | ZYJ753 | | R. Diário da Manhã, Florianópolis, SC |
| 740 | 2.5/0.25 | ZYK265 | | R. Palmeira, Palmeira das Missões, RS |
| | 5/0.25 | ZYK283 | | R. Cult. Riograndina, Rio Grande, RS |
| | 10 | HJHB | Colombia | Ecos de Pasto, o |
| | 50 | HJNS | | R. Guatapurí, Valledupar |
| | 1 | ZP7 | Paraguay | R. Guaraní, Asunción (nf 730) (vf) |
| | 10 | OAX6C | Peru | R. Continental, Arequipa |
| | 10 | YVNC | Venezuela | R. Maracaibo, o |
| 750 | 100/10 | LRA7 | Argentina | R. Nacional, Córdoba |
| | 1/0.25 | ZYI897 | Brazil | R. Heróis do Jenipapo, Campo Maior, PI |
| | 1/0.25 | ZYI792 | | R. Panati, Patos, PB |
| | 1/0.25 | ZYJ927 | | R. Progresso, Lagarto, SE |
| | 1/0.25 | ZYK642 | | R. Renascença, Ribeirão Prêto, SP (nf 1380) |
| | 1/0.25 | ZYK661 | | R. Piratininga, São José dos Campos, SP |
| | 5/0.25 | ZYK815 | | R. Aliança, Concórdia, SC |
| | 1/0.25 | ZYH... | | R. Tocantins, Tocantinópolis, GO (CP) |
| | 50/25 | ZYH709 | | R. Alvorada de Brasília, o, DF |
| | 50 | HJDK | Colombia | CARACOL Medellín, o |
| | 10 | HCCT2 | Ecuador | R. Centenario, Guayaquil |
| | 1 | OAX3T | Peru | R. El Mundo, Chimbote |
| | 5 | OCX4B | | R. Altura, Chaupimarca |
| | 15 | CX10 | Uruguay | R. Continente, Montevideo (nf 730) |
| | 100 | YVKS | Venezuela | R. Caracas, o |
| 760 | 10 | ZYH588 | Brazil | R. Uirapuru, Fortaleza, CE |
| | 25/1 | ZYJ478 | | R. Manchete AM, Niterói, RJ |
| | 10/0.5 | ZYK560 | | R. Auri Verde de Bauru, Bauru, SP |
| | 1/0.25 | ZYJ... | | R. Cacique, Guarapuava, PR (CP) |
| | 1/0.25 | ZYJ742 | | R. Nereu Ramos, Blumenau, SC |
| | 1/0.25 | ZYK222 | | R. Jornal do Comércio, Candelária, RS |
| | 1/0.25 | ZYH... | | R. Pousada do Rio Quente, Caldas Novas, GO (CP) |
| | 75 | CB76 | Chile | R. Cooperativa, Santiago |
| | 30 | HJAJ | Colombia | La Voz de Barranquilla, o (vf) |
| | 25 | HCRQ1 | Ecuador | R. Quito, o |
| | 10 | 8RG | Guyana | Guyana Bc. Corp., Georgetown |
| | 25 | ZP5 | Paraguay | R. Encarnación, o |
| | 10 | OBZ4X | Peru | Radiomar, Lima |
| | 10 | YVQQ | Venezuela | R. Puerto La Cruz, o |
| 767 | 10 | HCSE4 | Ecuador | R. Libertad, Chone (nf 745) |
| 770 | 5 | CP116 | Bolivia | R. Cosmos de Bolivia, Cochabamba |
| | 1/0.25 | ZYH609 | Brazil | R. Vale do Salgado, Lavras da Mangabeira, CE |
| | 10/5 | ZYJ922 | | R. Atalaia de Sergipe, Aracaju, SE |
| | 10/0.5 | ZYL302 | | R. Cl. de Patos, Patos de Minas, MG |
| | 5/0.25 | ZYI211 | | R. Dif. Princesa do Sul, Cachoeiro do Itapemirim, ES |
| | 5/0.25 | ZYK506 | | R. Jornal do Povo, Limeira, SP |
| | 1/0.25 | ZYJ... | | R. Dif. de Cambé, o, PR (CP) |
| | 30 | HJKL | Colombia | Em. Nueva Granada, Bogotá |
| | 5 | OAX8M | Peru | La Voz de la Selva, Iquitos |
| | 100 | CX12 | Uruguay | R. Oriental, Montevideo |
| | 50 | YVKK | Venezuela | R. Nacional, Valencia |
| 775 | 1 | HCMP2 | Ecuador | R. La Prensa, Guayaquil (nf 770) |

| kHz | kW | Call | Country | Station/Location |
|---|---|---|---|---|
| 780 | 25/10 | LRA10 | Argentina | R. Nacional Ushuaia e Islas Malvinas, Ushuaia |
| | 5 | LRA12 | | R. Nacional, Santo Tomé |
| | 25/5 | LV8 | | R. Libertador, Mendoza |
| | 0.25 | CP108 | Bolivia | R. Independencia, Quillacollo |
| | 10 | ZYH291 | Brazil | R. Nal. de Eirunepê, o, AM |
| | 50/10 | ZYI771 | | R. Jornal do Comércio, Recife, PE |
| | 1 | ZYL246 | | R. Educ. de Uberlândia, o, MG |
| | 50/10 | ZYK695 | | R. Excelsior, São Paulo SP |
| | 1/0.25 | ZYJ247 | | R. Porta Voz de Cianorte, Cianorte, PR |
| | 5/0.25 | ZYJ305 | | R. Chopinzinho, o, PR |
| | 1/0.25 | ZYJ788 | | R. Marconi, Urussanga, SC |
| | 5/0.25 | ZYK229 | | R. Carazinho, o, RS |
| | 2.5 | ZYK279 | | R. Jornal do Comércio, Pôrto Alegre, RS |
| | 10 | CD78 | Chile | R. S.A.G.O., Osorno |
| | 30 | HJZG | Colombia | R. Sonorama, Cali |
| | 30 | HJZW | | R. Almirante, Riohacha |
| | 0.5 | HCRG4 | Ecuador | R. Mía, Manta |
| | 25 | ZP70 | Paraguay | R. Primero de Marzo, Asunción |
| | 10 | OAX4X | Peru | R. Victoria, Lima |
| | 50 | YVOD | Venezuela | Ecos del Torbes, San Cristóbal |
| 785 | 0.3 | HCAA1 | Ecuador | R. Noticia, Quito (ti) |
| 790 | 25/5 | LRA22 | Argentina | R. Nacional, San Salvador de Jujuy |
| | 25 | LR6 | | R. Mitre, Buenos Aires |
| | 10/1 | LT46 | | R. Prov. de Misiones, Bernardo de Irigoyen |
| | 25/1.5 | LV19 | | R. Malargüe, o |
| | 10 | CP46 | Bolivia | Radiodifusoras Cristal, La Paz |
| | 1/0.25 | ZYH629 | Brazil | R. Jornal Centro Sul, Iguatu, CE |
| | 2.5/1 | ZYI679 | | R. Cult. de Guarabira, o, PB |
| | 5/0.5 | ZYH484 | | R. Barreiras, o, BA |
| | 1/0.25 | ZYL279 | | R. Soc. Ponte Nova, o, MG |
| | 1/0.5 | ZYL311 | | R. Treze de Junho, Mantena, MG |
| | 1/0.25 | ZYK538 | | R. Brasil, Adamantina, SP (nf 1270) |
| | 5/0.5 | ZYK546 | | R. Cult. de Araraquara, o SP |
| | 1/0.25 | ZYJ337 | | R. Panorama, Mandirituba, PR |
| | 10 | HJBW | Colombia | R. Atalaya, Bucaramanga (nf 800) |
| | 15 | HJDC | | La Voz de Colombia, Medellín |
| | 5 | OAX2I | Peru | C.R.U., Trujillo |
| | 10 | YVKC | Venezuela | Radiodif. Venezuela, Caracas |
| 795 | 2 | HCAA4 | Ecuador | La Voz del Valle, Portoviejo |
| 800 | 25/1 | LRA53 | Argentina | R. Nacional, San Martín de los Andes |
| | 25/2 | LU15 | | R. Viedma, o |
| | 5/1 | LV23 | | R. Río Atuel, General Alvear |
| | 2.5 | CP157 | Bolivia | R. Santa Clara, Sorata |
| | 10 | ZYI. . . | Brazil | R. Cult. do Pará, Belém, PA (CP) |
| | 10 | ZYI... | | R. Fundação da Univ. Federal, Teresina, PI (CP) |
| | 100 | ZYJ457 | | R. MEC, RJ, RJ |
| | 10 | ZYK292 | | R. Universidade de Santa Maria, o, RS |
| | 50 | ZYH705 | | R. MEC, Brasília, DF |
| | 5 | CB80 | Chile | R. Minería, Viña del Mar |
| | 10 | HCDE2 | Ecuador | R. Bolívar, Guayaquil |
| | 2 | OAX3Y | Peru | R. La Selva, Tingo María |
| | 0.5 | OAZ4U | | R. San Juan, Huaral |
| | 0.5 | OBX5B | | R. Sur Medio, Ica |

| kHz | kW | Call | Country | Station/Location |
|---|---|---|---|---|
| 800 | 1 | OBX6A | | R. La Porteña, Ilo |
| | 0.35 | O...6. | | R. Texao, Arequipa |
| | 100 | YVTB | Venezuela | R. Exitos de Maracaibo, Maracaibo |
| 805 | 1 | HCFV1 | Ecuador | Canal Tropical, Quito |
| 810 | 50/5 | ZYH589 | Brazil | R. Verdes Mares, Fortaleza, CE |
| | 1 | ZYL202 | | R. Aimorés, o, MG |
| | 5/0.25 | ZYK604 | | R. Dif. Jundiaiense, Jundiaí, SP |
| | 5/0.25 | ZYK... | | R. Centro-América, São José do Rio Preto, SP (CP) |
| | 1/0.25 | ZYK767 | | R. Alvorada de Rialma, Rialma, GO |
| | 250 | HJCY | Colombia | R. Sutatenza, Bogotá |
| | 50 | CX14 | Uruguay | R. El Espectador, Montevideo |
| | 10 | YVLP | Venezuela | RadioVisión 810, Valencia |
| 815 | 0.25 | CP188 | Bolivia | R. Warnes, o |
| | 0.5 | HCVT2 | Ecuador | R. Atalaya, El Milagro |
| 820 | 25/5 | LRA8 | Argentina | R. Nacional, Formosa |
| | 25/5 | LU21 | | R. Golfo San Jorge, Caleta Olivia |
| | 5/2.5 | LU24 | | R. Tres Arroyos, o |
| | 5 | CP35 | Bolivia | R. Altiplano, La Paz |
| | 1/0.25 | ZYH... | Brazil | R. Educ. 6 de Agosto, Xapuri, AC (CP) |
| | 1/0.25 | ZYH... | | R. TV do Amazonas, Manacapuru, AM |
| | 1/0.25 | ZYI543 | | R. Regional do Araguaia, Conceição do Araguaia, PA |
| | 1/0.25 | ZYH624 | | R. União, Camocim, CE |
| | 5/1 | ZYI775 | | R. Universitária, Recife, PE |
| | 1/0.25 | ZYL255 | | R. Barbacena, o, MG |
| | 1/0.25 | ZYL291 | | R. Dif. Paraisense, São Sebastião do Paraíso, MG |
| | 10/2.5 | ZYI212 | | R. Gazeta AM, Serra (Vitória), ES |
| | 1/0.25 | ZYJ477 | | R. Macaé, o, RJ |
| | 5/0.5 | ZYK542 | | R. Aparecida, o, SP |
| | 1/0.25 | ZYK622 | | R. Cl. de Ourinhos, o, SP |
| | 1/0.25 | ZYK624 | | R. Dif. de Penápolis, o, SP |
| | 10/5 | ZYJ238 | | R. Cult. de Foz do Iguaçu, o, PR |
| | 50 | ZYJ738 | | R. União, Blumenau, SC |
| | 5/0.25 | ZYK241 | | R. Alto Taquari, Estrela, RS |
| | 10/5 | ZYH752 | | R. Jornal de Goiás, Goiânia, GO |
| | 1 | CA82 | Chile | R. Nal. de Chile, La Serena |
| | 1 | CC82 | | R. Almirante Latorre, Talcahuano |
| | 1 | CD82 | | R. Concordia, La Unión |
| | 25 | HJAD | Colombia | R. Bolívar, Cartagena |
| | 50 | HJED | | CARACOL Cali, o |
| | 1 | HCGB1 | Ecuador | R. Monumental, Santo Domingo de los Colorados (vf) |
| | 1 | HCRF4 | | Canal Manabita, Portoviejo |
| | 5 | ZP27 | Paraguay | R. Mbaracayú, Salto del Guairá (nf 680) (vf) |
| | 10 | OBX4O | Peru | R. Libertad, Lima |
| | 1 | PZX7 | Surinam | R. Apintie, Paramaribo |
| | 1/0.5 | CW23 | Uruguay | R. Cultural, Salto |
| | 1 | YVNB | Venezuela | La Voz de la Sierra, Churuguara |
| | 15 | YVSH | | R. Guayana, Upata |
| 830 | 10/5 | LT8 | Argentina | R. Rosario, o |
| | 1 | LT21 | | R. Mun. de Alvear, o |
| | 1 | LT43 | | R. Mocoví, Charata |
| | 25 | LU14 | | R. Prov. de Santa Cruz, Río Gallegos |
| | 5/1 | LV18 | | R. Mun. de San Rafael, o |
| | 25/1 | LW8 | | R. San Salvador de Jujuy, o |
| | 0.25 | CP211 | Bolivia | R. Cuarto Centenario, Quillacollo |
| | 1/0.25 | ZYI906 | Brazil | R. Primeira Capital, Oeiras, PI |

| kHz | kW | Call | Country | Station/Location |
|---|---|---|---|---|
| 830 | 1/0.5 | ZYJ595 | | Em. de Educação Rural, Caicô, RN |
| | 5/0.5 | ZYJ926 | | R. Princesa da Serra, Itabaiana, SE |
| | 10/5 | ZYL244 | | R. Cultura ("Cultura R. Sucesso"), Belo Horizonte, MG |
| | 5/0.25 | ZYJ224 | | R. Iguaçú, Araucária, PR |
| | 15 | HJDM | Colombia | R. Tropical, Medellín |
| | 10 | HCRH2 | Ecuador | R. Huancavilca, Guayaquil (nf 605) |
| | 3 | HCRP5 | | R. Promoción, Riobamba |
| | 1 | OAX3S | Peru | R. Casma, o |
| | 10 | OAX6D | | R. Nal. del Perú, Tacna (nf 1120) (vf) |
| | 1 | OCX7H | | R. Inti, Santiago |
| | 50 | YVLT | Venezuela | R. Sensación, San Antonio de Los Altos |
| 840 | 10/5 | LT12 | Argentina | R. General Madariago, Paso de los Libres |
| | 5 | LT13 | | R. Oberá, o |
| | 25/5 | LU2 | | R. Bahía Blanca, o |
| | 10 | CP126 | Bolivia | R. Juan XXIII, San Ignacio de Velasco |
| | 50 | ZYJ679 | Brazil | R. Nal. de Pôrto Velho, o, RO |
| | 20/5 | ZYH447 | | R. Excelsior da Bahia, Salvador, BA |
| | 50 | ZYK687 | | R. Bandeirantes, São Paulo, SP |
| | 1/0.25 | ZYJ266 | | R. Tabajara de Londrina, o, PR |
| | 10/1 | ZYJ750 | | R. Rural, Concórdia, SC |
| | 10 | ZYK248 | | R. Capital, Pôrto Alegre, RS |
| | 0.25 | CA84 | Chile | R. Pampa, Maria Elena |
| | 10 | CB84 | | R. Diego Portales, Valparaíso |
| | 10 | CD84 | | R. Santa María, Coyhaique |
| | 0.1 | CD84 | | R. Llayma, Curacautín |
| | 30 | HJBI | Colombia | Ondas del Caribe, Santa Marta |
| | 15 | HJKK | | Brisas del Betania, Neiva |
| | 0.5 | HCCE1 | Ecuador | La Voz del Transito Nal., Quito (vf) |
| | 1 | HCEM4 | Ecuador | R. Costa Azul, Portoviejo |
| | 7 | ZP6 | Paraguay | R. Guairá, Villarrica (vf) |
| | 10 | YVMY | Venezuela | R. Juventud, Barquisimeto |
| 845 | 1 | CP160 | Bolivia | R. 21 de Diciembre, Mina Catavi (nf 870) |
| | 3 | HCBA6 | Ecuador | R. Ambato, o |
| 850 | 1 | CP120 | Bolivia | R. Maria Auxiliadora, Montero |
| | 1/0.25 | ZYI555 | Brazil | R. Tocantins, Cametá, PA |
| | 1/0.25 | ZYI... | | R. Itaituba, o, PA (CP) |
| | 5/1 | ZYH599 | | R. Iracema de Juazeiro, Juazeiro do Norte, CE |
| | 1/0.25 | ZYH474 | | R. Caraiba, Senhor do Bonfim, BA |
| | 1/0.25 | ZYL233 | | R. Dif. Formiguense, Formiga, MG |
| | 1/0.25 | ZYL254 | | R. Por Um Mundo Melhor, Governador Valadares, MG |
| | 1/0.25 | ZYL295 | | R. Tupaciguara, o, MG |
| | 1/0.25 | ZYK644 | | R. Jornal de Rio Claro, o, SP |
| | 10/5 | ZYH776 | | R. Educ. de Porangatu, o, GO |
| | 50 | HJKC | Colombia | CARACOL Bogotá, o |
| | 50 | HCVS2 | Ecuador | R. San Francisco, Guayaquil |
| | 1 | OAX2W | Peru | R. Atahualpa, Cajamarca |
| | 50 | CX16 | Uruguay | R. Carve, Montevideo |
| | 10 | YVLD | Venezuela | R. Impacto, Valencia |
| 854 | 50 | OAX4A | Peru | R. Nal. del Perú, Lima |
| 855 | 0.5 | HCGB7 | Ecuador | R. Nal. Espejo, El Puyo |
| 860 | 1 | LRA56 | Argentina | R. Nacional, Perito Moreno |
| 860 | 5 | CP8 | Bolivia | R. Nueva América, La Paz |
| | 5 | CP185 | | R. Paititi, Guayaramerín |
| | 10/0.25 | ZYH592 | Brazil | R. Cidade de Fortaleza, Maranguape, (Fortaleza), CE |
| | 100 | ZYJ459 | | R. Mundial, RJ, RJ |
| | 10/0.25 | ZYK288 | | R. Guarathan, Santa Maria, RS |
| | 10 | CC86 | Chile | R. Portales, Concepción |
| | 10 | HJEP | Colombia | Voces de Occidente, Buga |
| | 50 | HJNJ | | La Voz del Cañaguate, Valledupar |
| | 25 | HJQS | | R. Ciudad de Cúcuta, o |
| | 10 | HCRG1 | Ecuador | R. Visión, Quito . |
| | 25 | ZP28 | Paraguay | R. La Voz de la Cordillera, Caacupé |
| | 10 | OBX4V | Peru | R. Junín , Huancayo |
| | 10 | YVOL | Venezuela | RadioVisión 860, San Cristóbal |
| 865 | 0.4 | HCGS6 | Ecuador | R. Pillaro, o |
| 870 | 100 | LRA1 | Argentina | R. Nacional, Buenos Aires |
| | 1/0.25 | ZYH591 | Brazil | R. Iracema de Fortaleza, Iguatu, CE |
| | 5/1 | ZYH245 | | R. Educ. Sampaio, Palmeira dos Indios, AL |
| | 1/0.25 | ZYL457 | | R. Cl. de Itabuna, o, BA |
| | 5/1 | ZYK705 | | R. Central, Campinas, SP |
| | 1/0.25 | ZYH762 | | R. Araguaia, Araguaína, GO |
| | 10 | HJLA | Colombia | La Voz del Tolima, Ibagué |
| | 25 | HJSB | | Mar Caribe A.M., Barranquilla |
| | 20 | HCLY2 | Ecuador | R. Cristal, Guayaquil |
| | 1 | OBX1F | Peru | C.R.U., Chiclayo |
| | 10 | YVMP | Venezuela | R. Lara, Barquisimeto |
| 880 | 5 | LU15 | Argentina | R. Prov. de Santa Cruz, Las Heras |
| | 100 | ZYL275 | Brazil | R. Inconfidência, Belo Horizonte, MG |
| | 25/2.5 | ZYK249 | | R. Itaí, Guaíba (Pôrto Alegre), RS |
| | 1/0.25 | ZYK... | | R. Em. Batovi, São Gabriel, RS (CP) |
| | 10 | CB88 | Chile | R. Alondra, Santiago |
| | 10 | HJGE | Colombia | R. Bucaramanga, o |
| | 2 | HCRP1 | Ecuador | R. Católica, Quito |
| | 65 | OBZ4N | Peru | R. Unión, Lima |
| | 10 | YVKU | Venezuela | R. Libertador, Caracas |
| 890 | 20/1 | LU33 | Argentina | Em. Pampeana, Santa Rosa |
| | 25/5 | LV11 | | Em. Santiago del Estero, o |
| | 1.5 | CP83 | Bolivia | R. Norte, Montero (nf 1115) (vf) (also reported on 1060 and 1095) |
| | 10/1 | ZYH890 | Brazil | R. Imperatriz, o, MA |
| | 20/10 | ZYI772 | | R. Tamandaré, Recife, PE |
| | 25/10 | ZYK690 | | R. Gazeta, São Paulo, SP |
| | 1/0.25 | ZYJ... | | R. Ampla, Pato Branco, PR (CP) |
| | 1/0.25 | ZYJ755 | | R. Santa Catarina, Florianópolis, SC |
| | 5/0.25 | ZYK215 | | R. Dif. Bento Gonçalves, o, RS |
| | 50/10 | ZYH706 | | R. Planalto, Brasília, DF |
| | 1 | CA89 | Chile | R. León Trece, Pozo Almonte |
| | 1 | CC89 | | R. Interamericana, Concepción |
| | 10 | CD89 | | R. Nal. de Chile, Punta Arenas |
| | 25 | HJCE | Colombia | La Voz de Bogotá, o |
| | 1 | HCLT5 | Ecuador | Ondas del Chimborazo, Riobamba |
| | 3 | HCJX6 | | R. La Voz del Santuario, Baños (nf 955) (vf) |
| | 10 | HCRS6 | | R. Superior, Machala |
| | 1 | ZP33 | Paraguay | R. Tres de Febrero, Itá |
| | 10 | OAX1D | Peru | R. Progreso, Piura |
| | 1 | OBX7S | | R. Bahai, Chucuito |

| kHz | kW | Call | Country | Station/Location |
|---|---|---|---|---|
| 890 | 25/10 | CX18 | Uruguay | R. Sport, Montevideo |
| | 10 | YVLW | Venezuela | R. América, Valencia |
| 895 | 20 | HJPM | Colombia | R. Galeón, Santa Marta (nf 890) |
| 900 | 25/5 | LT7 | Argentina | R. Prov. de Corrientes, o |
| | 0.18 | CP20 | Bolivia | R. El Cóndor, La Paz |
| | 0.25 | CP79 | | Radioemisora La Voz Nacional, Tarija |
| | 1 | ZYJ672 | Brazil | R. Alvorada de Rondônia, Ji-Paraná, RO |
| | 10 | ZYJ591 | | R. Nordeste, Natal, RN |
| | 5/0.25 | ZYH... | | R. Sisal, Conceição do Coité, BA (CP) |
| | 1/0.25 | ZYL... | | R. Andradas, o, MG (CP) |
| | 50/10 | ZYJ454 | | R. Tamoio, RJ, RJ |
| | 5/0.25 | ZYK511 | | R. A Voz do Sertão, Pres. Prudente, SP |
| | 10/0.25 | ZYK664 | | R. Onda Nova, São José do Rio Prêto, SP |
| | 1/0.25 | ZYK... | | R. Cidade, Itapetininga, SP (CP) |
| | 1/0.25 | ZYJ272 | | R. Sant'Ana, Ponta Grossa, PR |
| | 5/0.25 | ZYJ295 | | R. União, Toledo, PR |
| | 2/0.25 | ZYK211 | | R. Aratiba, o, RS |
| | 5/0.5 | ZYK263 | | R. Progresso, Nôvo Hamburgo, RS |
| | 1/0.25 | ZYK303 | | R. Mun. Sampedrense, São Pedro do Sul, RS |
| | 1 | CA90 | Chile | R. Univ. de Atacama, Copiapó |
| | 1 | CB90 | | R. Fundación, Valparaíso |
| | 1 | CC90 | | R. Nuble, Chillán |
| | 1 | CD90 | | La Voz de la Costa, Osorno (ti) |
| | 30 | HJDD | Colombia | R. 900, Cúcuta |
| | 20 | HJEY | | La Voz de Cali, o |
| | 10 | HJSS | | R. Malecon, Montería |
| | 25 | HCRJ1 | Ecuador | R. Gemas, Quito |
| | 2 | HCOF4 | | R. Chone, o |
| | 0.2 | HCRR5 | | R. Reloj, Cuenca |
| | 10 | OBX4X | Peru | R. El Sol, Lima |
| | 1 | OBX6N | | R. Nevada, Unacollo |
| | 0.25 | CW17 | Uruguay | R. Frontera, Artigas |
| | 0.25 | YVMD | Venezuela | R. Mara, Maracaibo |
| 905 | 1 | HCBO2 | Ecuador | R. Espectáculo, Guayaquil (nf 910) |
| 910 | 50/5 | LRA23 | Argentina | R. Nacional, San Juan |
| | 25/5 | LR5 | | R. Excelsior, Buenos Aires |
| | 5/1 | ZYI785 | Brazil | R. Liberdade, Caruaru, PE |
| | 1/0.25 | ZYL292 | | R. Teófilo Otôni, o, MG |
| | 5/0.25 | ZYK536 | | R. Alvorada de Piracicaba, Piracicaba, SP |
| | 5/0.25 | ZYH763 | | R. Paranaíba, Itumbiara, GO |
| | 25 | HJDO | Colombia | La Voz del Rio Grande, Medellín |
| | 30 | HJMY | | R. San Andrés, Isla San Andrés |
| | 1 | HCGR5 | Ecuador | R. Mundial, Riobamba |
| | 1 | OAX2H | Peru | R. Huamachuco, o |
| | 20 | YVRQ | Venezuela | R. Centro, Maiquetia (vf) |
| 914 | 3 | | Surinam | RANI (R. Nickerie), Nieuw Nickerie |
| 915 | 12.5 | HCRU3 | Ecuador | C.R.O. Companía Radiofónica Orense ("Ondas Orenses") Machala |
| 919 | 10 | HJAE | Colombia | Em. Fuentes, Cartagena (nf 920) |
| 920 | 5 | CP192 | Bolivia | R. Esperanza, Aiquile |
| | 1/0.25 | ZYI895 | Brazil | R. Dif. de Picos, o, PI |
| | 1/0.25 | ZYJ600 | | R. Currais Novos, o, RN |
| | 10/5 | ZYH. . . | | R. Globo, Salvador, BA (CP) |
| | 5/0.25 | ZYL276 | | R. Mineira do Sul, Passa Quatro, MG |
| | 5/0.25 | ZYI207 | | R. Cult. de Linhares, o, ES |
| | 5/0.25 | ZYK584 | | R. Franca do Imperador, Franca, SP |
| 920 | 1/0.25 | ZYJ808 | | R. Cidade, Brusque, SC |
| | 5/0.25 | ZYK348 | | R. Tramandaí, o, RS |
| | 30 | HJJN | Colombia | Ondas del Mayo, Pasto |
| | 15 | HJSJ | | R. Ciudad de Ibagué, o |
| | 10 | HCCM1 | Ecuador | R. Colón, Quito |
| | 100 | ZP1 | Paraguay | R. Nal. del Paraguay, Asunción |
| | 5 | OBX1G | Peru | R. Heróica, Chiclayo |
| | 1 | OBZ4J | | R. Bolognesi ("R. Popular"), Huancayo |
| | 10 | YVQX | Venezuela | R. Nueva Esparta, Porlamar |
| 930 | 0.25 | CP11 | Bolivia | R. Amauta, La Paz |
| | 10/5 | ZYH. . . | Brazil | R. Ajuricaba, Manaus, AM (CP) |
| | 1 | ZYI600 | | R. Rauland, Castanhal, PA |
| | 1/0.25 | ZYH605 | | R. Salamanca, Barbalha, CE |
| | 10/5 | ZYJ923 | | R. Liberdade de Sergipe, Aracaju, SE |
| | 1/0.25 | ZYL220 | | R. Cl. de Campo Belo, o, MG |
| | 5 | ZYL229 | | R. Araguari o, MG |
| | 1/0.25 | ZYK500 | | R. Dinâmica de Santa Fe, Santa Fé do Sul, SP |
| | 1/0.25 | ZYK503 | | R. Cl. de Itapira, o, SP |
| | 2.5/0.25 | ZYK652 | | R. Cult. de São Vicente, o, SP |
| | 5/0.25 | ZYK713 | | R. Universal, Agudos, SP |
| | 1/0.25 | ZYK... | | R. Jóia, Adamantina, SP (CP) |
| | 1/0.25 | ZYJ227 | | R. Cult. de Rôlandia, o, PR |
| | 10/1 | ZYJ232 | | R. Cult. de Curitiba, o, PR |
| | 20/2.5 | ZYK230 | | R. Caxias do Sul, o, RS |
| | 10/0.5 | ZYK298 | | R. Santo Angelo, o, RS |
| | 1/0.25 | ZYI423 | | R. Cl. de Rondonópolis, o, MT |
| | 1 | CA93 | Chile | R. Nal. de Chile, Antofagasta |
| | 10 | CB93 | | R. Mundo Nuevo, Santiago |
| | 10 | CD93 | | R. Reloncaví, Puerto Montt |
| | 15 | HJCS | Colombia | R. Continental, Bogotá |
| | 5 | HCIM1 | Ecuador | R. Municipal, La Voz de Imbabura, Ibarra (nf 1040) |
| | 1 | HCVL2 | | R. Canal Tropical, Guayaquil |
| | 10 | OAX4E | Peru | R. Moderna, Lima |
| | 25 | CX20 | Uruguay | R. Monte Carlo, Montevideo |
| | 10 | YVLJ | Venezuela | R. Maracay, o |
| 935 | 0.6 | HCUE5 | Ecuador | R. Majipampa, Colta |
| 940 | 25/5 | LU19 | Argentina | La Voz del Comahue, Cipolletti |
| | 1/0.25 | ZYH... | Brazil | R. Fundaçaõ Verdes Florestas ("R. Providencia de Cruz do Sul"), Cruzeiro do Sul, AC (CP) |
| | 100 | ZYJ453 | | R. Jornal do Brasil, RJ, RJ |
| | 25 | HJBE | Colombia | R. Internacional, Cúcuta |
| | 15 | HJGB | | R. Eco, Cali |
| | 10 | HCBX1 | Ecuador | Radiodif. de la Casa de la Cultura Ecuatoriana, Quito |
| | 1 | OBX1C | Peru | R. Presidente, Paita |
| | 1 | OBX7L | | R. Wilcamayo, Sicuaní |
| | 10 | YVNW | Venezuela | R. Punto Fijo, o |
| 950 | 100 | LR3 | Argentina | R. Belgrano, Buenos Aires |
| | 25/5 | LU4 | | Radiodif. Patagonia Argentina, Comodoro Rivadavia |
| | 5/1 | ZYH593 | Brazil | R. Educ. do Nordeste, Sobral, CE |
| | 1/0.25 | ZYI782 | | R. Planalto, Carpina, PE |
| | 10/5 | ZYL212 | | R. Atalaia, Belo Horizonte, MG |
| | 1 | ZYL281 | | R. Jornal Sul de Minas, Bueno Brandão, MG |
| | 15 | HJFN | Colombia | CARACOL Pereira, o |
| | 10 | HCDA2 | Ecuador | Radifesa, Guayaquil |
| | 100 | YVKG | Venezuela | RadioVisión 950, Caracas |

| kHz | kW | Call | Country | Station/Location |
|---|---|---|---|---|
| 955 | 0.25 | HCKC2 | Ecuador | La Voz de los Ríos, Quevedo |
| 960 | 20/5 | LRA6 | Argentina | R. Nacional, Mendoza |
| | 25/5 | LT44 | | R. Fortín Yunká, Formosa |
| | 10/5 | LU13 | | R. Necochea, o |
| | 1 | CP93 | Bolivia | R. Kollasuyo, Potosí |
| | 5 | CP145 | | R. Metropolitana, La Paz (nf 930) |
| | 10 | ZYH241 | Brazil | R. Dif. de Alagôas, Maceió, AL |
| | 50/10 | ZYK689 | | R. São Paulo, o, SP |
| | 1/0.25 | ZYJ257 | | R. Dif. de Maringá, o, PR |
| | 1/0.25 | ZYJ733 | | R. Guarujá, Orleãns, SC |
| | 5/0.5 | ZYJ813 | | R. Dif. de Xanxerê, o, SC |
| | 10/1 | ZYK291 | | R. Imembuí, Santa Maria, RS |
| | 5/0.25 | ZYH764 | | R. Dif. de Itumbiara, o, GO |
| | 10 | CB96 | Chile | R. Carrera, Santiago |
| | 10 | CD96 | | R. Polar, Punta Arenas |
| | 120 | HJHN | Colombia | R. Sutatenza, Magangué |
| | 1 | HCNC1 | Ecuador | R. Cosmopolita, Quito |
| | 1 | HCSA5 | | R. Unión, Cuenca |
| | 20 | OAX4D | Peru | R. Panamericana, Lima |
| | 1 | CW96 | Uruguay | R. Yi, Durazno |
| | 10 | YVRB | Venezuela | R. Monagas, Maturín |
| | 20 | YVSR | | R. San Sebastian, San Cristóbal |
| 965 | 25 | HCOT1 | Ecuador | R. Zaracay, Santo Domingo de los Colorados |
| 970 | 5/1 | LT25 | Argentina | R. Guaraní, Curuzú Cuatiá |
| | 25/2.5 | LU5 | | R. Neuquén, o |
| | 25/5 | LV2 | | R. General Paz, Córdoba |
| | 10 | CP30 | Bolivia | R. Santa Cruz, o (vf) |
| | 1/0.25 | ZYH612 | Brazil | R. Uirapuru, Quixadá, CE |
| | 10/5 | ZYH451 | | R. Soc. de Feira de Santana, o, BA |
| | 1/0.25 | ZYL243 | | R. Soc. Caratinga, o, MG |
| | 1/0.25 | ZYL285 | | R. São João del Rei, o, MG |
| | 1/0.25 | ZYL321 | | R. Central Monte Alegre de Minas, MG |
| | 2/0.25 | ZYK505 | | R. Dif. de Itapetininga, o, SP |
| | 1/0.25 | ZYK529 | | R. Piratininga, São João da Boa Vista, SP |
| | 1/0.25 | ZYK684 | | R. Hertz de Franca, Franca, SP |
| | 5/0.25 | ZYK... | | R. Alvorada, Estrela d'Oeste, SP (CP) |
| | 5/1 | ZYJ260 | | R. Alvorada de Londrina, o, PR |
| | 1/0.25 | ZYJ730 | | R. Araguaia de Brusque, Brusque, SC |
| | 10 | ZYK201 | | R. Cult. de Pôrto Alegre, o, RS |
| | 1 | CA97 | Chile | R. Calama, o |
| | 1 | CC97 | | R. Lautaro, Talca |
| | 1 | CD97A | | R. Austral, Valdivia |
| | 1 | CD97B | | R. Patagonia Chilena, Coyhaique |
| | 10 | HJCI | Colombia | La Voz de la Victor, Bogotá |
| | 50 | HJME | | R. Península, Maicao |
| | 30 | HJVK | | Em. Armonías del Caquetá, Florencia |
| | 0.25 | HCMB1 | Ecuador | R. Continente, Ibarra |
| | 10 | ZP9 | Paraguay | R. Comuneros, Asunción |
| | 10 | CX22 | Uruguay | R. Universal, Montevideo |
| | 10 | YVLR | Venezuela | R. Central, Maracay |
| | 10 | YVSD | | R. Turismo, Valera |
| 975 | 10 | HCAW2 | Ecuador | Ondas del Pacífico, Guayaquil (nf 970) |
| 980 | 50/600 | ZYH707 | Brazil | R. Nal. de Brasília, o, DF |
| | 1 | CA98 | Chile | R. Univ. Tarapacá, Arica |
| | 10 | CB97 | | R. Agricultura, Valparaíso (nf 970) |
| | 20 | HJES | Colombia | R. El Sol, Cali |
| | 30 | HJNL | | R. Punto, Cúcuta |
| 980 | 0.5 | HCJI5 | Ecuador | R. El Prado, Riobamba |
| | 1 | ZP31 | Paraguay | R. Mburucuyá, Pedro Juan Caballero |
| | 0.4 | OAX2F | Peru | R. La Hora, Trujillo (ts) |
| | 10 | YVQM | Venezuela | La Voz de El Tigre ("R. Novecientos Ochenta"), El Tigre |
| 985 | 5 | OBX4J | Peru | R. Estación X, Lima |
| 990 | 50 | LR4 | Argentina | R. Splendid, Buenos Aires |
| | 1/0.25 | ZYH... | Brazil | Rede Amazonense de Comunicações, Maués, AM (CP) |
| | 5/1 | ZYJ596 | | R. Rural, Mossoró, RN |
| | 1/0.25 | ZYH483 | | R. Alvorada de Teixeira de Freitas, Caravelas, BA |
| | 100/10 | ZYJ461 | | R. Ipanema, RJ, RJ |
| | 30 | HJDB | Colombia | La Voz de Medellín, o |
| | 25 | HCGH1 | Ecuador | Radiodif. Tárqui, Quito |
| | 1 | HCEW2 | | Frecuencia Mil, Guayaquil |
| | 1 | HCAO5 | | R. América, Cuenca |
| | 1 | OBZ4R | Peru | Radiodif. del Centro del País, Jauja |
| | 10 | OAX6K | | R. Bicolor, Tacna |
| | 10 | YVRT | Venezuela | R. Tropical, Caracas |
| | 10 | YVTA | | R. Mundial Tricolor, Barquisimeto |
| 996 | 2 | ZP36 | Paraguay | R. Ypoá, Paraquarí (nf 1000) (vf) |
| 1000 | 25/1 | LU16 | Argentina | R. Río Negro, Villa Regina |
| | 1 | CP28 | Bolivia | R. Cochabama ("CBA), o (nf 900) |
| | 5 | CP43 | | Piraí Radiodif., Santa Cruz |
| | 3 | CP119 | | R. Trópico, Trinidad (nf 970) |
| | | CP. . . | | R. Luis de Fuentes, Tarija |
| | 1 | ZYI791 | Brazil | R. Princesa Serrana, Timbaúba, PE |
| | 200 | ZYK522 | | R. Record, São Paulo, SP |
| | 10 | CB100 | Chile | R. Novísima, Santiago |
| | 15 | HJAQ | Colombia | La Voz de Cartagena, o |
| | 10 | HJHF | | Radiodif. Nal. de Colombia, Manizales |
| | 10 | YVNM | Venezuela | R. Mundial Mil, Morón |
| | 10 | YVOA | | R. Táchira, San Cristóbal |
| 1010 | 20/5 | LV16 | Argentina | R. Río Cuarto, o |
| | 25/5 | LW2 | | Radioemisora Tartagal, o |
| | 50 | ZYH625 | Brazil | R. O Povo ("AM do Povo"), Fortaleza, CE |
| | 10/5 | ZYH448 | | R. Bahia, Salvador, BA |
| | 5/0.5 | ZYL264 | | R. Soc. de Juiz de Fora, o, MG |
| | 1/0.25 | ZYL325 | | R. Estância de Jacutinga, Jacutinga, MG |
| | 1/0.25 | ZYK556 | | R. Independente, Barretos, SP |
| | 1/0.25 | ZYK681 | | R. Cl. de Votuporanga, o, SP |
| | 25/5 | ZYJ263 | | R. Celinauta, Pato Branco, PR |
| | 50 | ZYK240 | | R. União 1010, Esteio (São Leopoldo), RS |
| | 1/0.25 | ZYI421 | | R. Dif. de Mirassol d'Oeste, o, MT |
| | 0.25 | CA101 | Chile | R. Em. del Salitre, María Elena |
| | 10 | CD101 | | Em. Ñielol, Temuco |
| | 10 | HJBN | Colombia | La Voz de Galeras, Pasto (vf) |
| | 15 | HJCC | | Em. Mil Veinte, Bogotá |
| | 10 | HJIX | | R. Yarima, Barrancabermeja |
| | 10 | HJJR | | CARACOL Neiva o (vf) |
| | 10 | HJOP | | R. Sutatenza, Barranquilla |
| | 3 | HCGO3 | Ecuador | R. Canal Estelar, Santa Rosa (nf 1020) |
| | 0.7 | HCRC4 | | R. Cenit, Manta |
| | 12.5 | HCNR6 | | R. Variedades, Ambato |

| kHz | kW | Call | Country | Station/Location |
|---|---|---|---|---|
| 1010 | 50 | | Guyana | Guyana Bc. Corp. ("Action R."), Tumatumari |
| | 50 | OAX4U | Peru | R. América, Lima |
| | 25 | CX24 | Uruguay | R. El Tiempo, Montevideo |
| | 10 | YVPC | Venezuela | R. Aragua, Cagua |
| | 10 | YVQE | | R. Mundial Bolívar, Ciudad Bolívar |
| 1011 | 15 | HJZD | Colombia | R. Panzenú, Montería (nf 1010) (vf) |
| 1015 | 1.5 | HCRV5 | Ecuador | R. Visión, Cuenca (vf) |
| | 5 | HCRS6 | | R. Surcos, Guaranda (nf 1020) |
| 1020 | 1 | LRA58 | Argentina | R. Nacional, Rio Mayo |
| | 10/5 | LT10 | | R. Univ. Nal. del Litoral, Santa Fé |
| | 10 | CP4 | Bolivia | R. Illimani, La Paz |
| | 5/1 | ZYH600 | Brazil | R. Soc. Educ. do Carirí, Crato, CE |
| | 1/0.25 | ZYH247 | | R. Cl. de Rio Largo, o, AL |
| | 5/0.25 | ZYL230 | | R. Educ. de Coronel Fabriciano, o, MG |
| | 5/2.5 | ZYI205 | | R. Dif. de Colatina, o, ES |
| | 5/0.25 | ZYK513 | | R. Bandeirantes, Cachoeira Paulista, SP |
| | 5/0.25 | ZYK515 | | R. Cult. de Assis, o, SP |
| | 1/0.25 | ZYK531 | | R. Educ. de Limeira, o, SP |
| | 10/ 0.25 | ZYJ244 | | R. Colombo do Paraná, Colombo (Curitiba), PR |
| | 15 | HJDQ | Colombia | Em. Claridad, Medellín |
| | 10 | HJDY | | R. Primavera, Bucaramanga (vf) |
| | 10 | HJFQ | | La Voz de Pereira, o |
| | 10 | HJFT | | Ecos del Combeima, Ibagué (vf) |
| | 10 | HJKS | | La Voz del Llano, Villavicencio (vf) |
| | 5 | HCLV1 | Ecuador | R. El Sol, Quito |
| | 10 | ZP14 | Paraguay | R. Ñandutí, Asunción (vf) |
| | 0.25 | CV102 | Uruguay | S.O.D.R.E., Aceguá |
| | 10 | YVMX | Venezuela | R. Calendario, Maracaibo |
| | 10 | YVRS | | R. Mundial Margarita, La Asunción |
| 1030 | 25/5 | LS10 | Argentina | R. del Plata, Buenos Aires |
| | 10/5 | ZYI777 | Brazil | R. Olinda de Pernambuco, Olinda, PE |
| | 50/5 | ZYJ467 | | R. Capital, RJ, RJ |
| | 5/0.25 | ZYK525 | | R. Dif. de Franca, o, SP |
| | 1/0.25 | ZYK602 | | R. Jauense, Jaú, SP |
| | 1/0.25 | ZYK606 | | Lins R. Cl., Lins, SP |
| | 1/0.25 | ZYJ240 | | R. Dif. Cruzeiro do Oeste, o, PR |
| | 1/0.25 | ZYJ271 | | R. Atalaia de Londrina, o, PR |
| | 1/0.25 | ZYJ329 | | R. Dif do Xisto, São Mateus do Sul, PR |
| | 5 | ZYJ771 | | R. Princesa, Lages, SC |
| | 10/0.5 | ZYK253 | | R. Repórter, Ijuí, RS |
| | 1 | ZYI... | | R. Progresso, Alta Floresta, MT (CP) |
| | 10/ 0.25 | ZYH746 | | R. Cult. de Anápolis, o, GO |
| | 1/0.25 | ZYH791 | | R. Siqueira Campos, Colinas de Goiás, GO |
| | 1 | CB103 | Chile | R. Valentín Letelier, Valparaíso (vf) |
| | 10 | CC103 | | R. Nal. de Chile, Concepción |
| | 1 | CD103 | | R. Chiloé, Castro |
| | 1 | CD103 | | R. Payne, Puerto Natales |
| | 10 | HJDJ | Colombia | La Voz de los Libertadores, Duitama |
| | 30 | HJER | | R. Pacífico, Cali |
| | 10 | HJOL | | R. Gentil, Valledupar (nf 1020) |
| | 5 | HCKL4 | Ecuador | R. Unión, Chone |
| | 3 | OAX2U | Peru | R. Imperio, Huamachuco |
| | 10/5 | OAX7N | | La Voz del Altiplano, Puno |

| kHz | kW | Call | Country | Station/Location |
|---|---|---|---|---|
| 1030 | 1 | OCX7O | | R. HG, Cuzco |
| | 5 | | Surinam | R. Paramaribo, o |
| | 10 | YVQY | Venezuela | R. Onda, Guanare |
| | 10 | YVTD | | R. Valles del Tuy, Ocumare del Tuy |
| 1040 | 1 | CP113 | Bolivia | R. Villazón, o |
| | 300 | ZYK537 | Brazil | R. Capital, São Paulo, SP |
| | 1 | CD104 | Chile | R. Raíces, Curacautín |
| | 15 | HJAI | Colombia | CARACOL Barranquilla, o |
| | 15 | HJBF | | La Voz del Norte, Cúcuta |
| | 30 | HJCJ | | R. Super, Bogotá |
| | 15 | HJFM | | La Voz de Armenia, o |
| | 10 | HJGX | | R. Progreso de Córdoba, Lorica (nf 1030) |
| | 10 | HJSY | | Ecos del Paletará, Popayán |
| | 15 | HJUB | | R. Ciudad de Pasto, o |
| | 3 | HCCW1 | Ecuador | La Voz del Valle, Machachi |
| | 5 | ZP43 | Paraguay | R. Arapizandú, San Ignacio de Misiones |
| | 1 | O..2. | Peru | R. Otuzco, o |
| | 10 | OBX4O | | R. Onda Popular, Lima |
| | 10 | YVLB | Venezuela | La Voz de Carabobo, Valencia |
| | 10 | YVON | | R. Los Andes ("R. Mil Cuarenta"), Mérida |
| 1045 | 3 | CP208 | Bolivia | R. Sipe Sipe, o |
| | 0.5 | HCGB6 | Ecuador | R. Colosal, Ambato |
| 1050 | 1 | CP139 | Bolivia | Radiodif. La Luz, Santa Cruz |
| | 0.5 | CP181 | | R. La Voz de la Frontera, Puerto Suarez |
| | 5/1 | ZYI676 | Brazil | R. Caturité, Campina Grande, PB |
| | 5/1 | ZYI203 | | R. Capixaba, Vitória, ES |
| | 1/0.25 | ZYL236 | | R. Rural de Tupaciguara, o, MG |
| | 1/0.25 | ZYJ497 | | R. Angra, Angra dos Reis, RJ |
| | 1/0.25 | ZYJ... | | R. Verde Vale, Braço do Norte, SC (CP) |
| | 15 | HJBB | Colombia | R. Valledupar, o |
| | 15 | HJDR | | R. Sonorama, Medellín |
| | 10 | HJFZ | | La Voz del Centro, El Espinal (vf) |
| | 5 | HJIO | | La Voz de la Conquista, Granada |
| | 10 | HJLZ | | La Voz del Cinaruco, Arauca (vf) |
| | 2.5 | HJNG | | R. Palmira, o |
| | 15 | HJTJ | | Ondas del Urrá, Montería |
| | 5 | HCAJ2 | Ecuador | Super R., Guayaquil |
| | 10 | OBX3A | Peru | R. Alpamayo, Huaraz |
| | 1 | OBX6B | Peru | R. Arequipa, o |
| | 10 | CX26 | Uruguay | S.O.D.R.E., Montevideo |
| | 10 | YVKZ | Venezuela | R. Nacional, Caracas |
| | 10 | YVNQ | | R. Mundial Caroní, ("R. Caroní"), Puerto Ordaz |
| 1060 | 1.5 | CP83 | Bolivia | R. Norte, Montero (nf 1115) (vf) (also reported on 890 and 1095) |
| | 5 | ZYJ597 | Brazil | R. Tapuyo, Mossoró, RN |
| | 5/1 | ZYH460 | | R. Cl. de Conquista, Vitória da Conquista, BA |
| | 25/2.5 | ZYL278 | | R. Grande Belo Horizonte, Pedro Leopoldo, MG |
| | 1/0.25 | ZYL306 | | R. Itajubá, o, MG |
| | 1/0.25 | ZYJ495 | | R. Tropical, Miguel Pereira, RJ |
| | 5/0.25 | ZYK533 | | R. Educ. de Piracicaba, o, SP |
| | 10/ 0.25 | ZYJ246 | | R. Paraná, Curitiba, PR |
| | 1/0.25 | ZYJ306 | | R. Educ. de Francisco Beltrão, PR |
| | 5/0.25 | ZYK220 | | R. Camaquense, Camaquã, RS |
| | 1/0.25 | ZYK302 | | R. São Luiz, São Luiz Gonzaga, RS |

| kHz | kW | Call | Country | Station/Location |
|---|---|---|---|---|
| 1060 | 100 | CB106 | Chile | R. Minería, Santiago |
| | 15 | HJFJ | Colombia | Tr. Caldas, Manizales |
| | 10 | HJGU | | R. Bucarica, Bucaramanga (nf 1050) |
| | 10 | HJLY | | R. Delfín, Riohacha |
| | 1 | HJMG | | R. Prosperidad, Turbo |
| | 10 | HJMV | | R. Furatena, Chiquinquirá |
| | 15 | HJOV | | R. Surcolombiana, Neiva |
| | 1 | HJYX | | R. Caracolí, Sincelejo |
| | 1.5 | HCAG6 | Ecuador | R. Ecos del Pueblo, Saquisilí |
| | 0.05 | | Fr. Guiana | R.F.O. Guyane, St. Laurent de Maroni |
| | 3 | ZP13 | Paraguay | R. Boquerón, Alberdi (vf) |
| | 2 | OAX3U | Peru | R. Luren, Ica |
| | 1 | OCY4D | | R. Exito 1060, Lima |
| | 2 | OBX5D | | R. Andahuaylas, o |
| | 10 | YVDE | Venezuela | R. San Cristóbal, o |
| | 1 | YVLN | | R. Guárico, San Juan de los Morros |
| 1065 | 2 | HCRP3 | Ecuador | R. Palmira, Vilcabamba |
| 1070 | 25 | LR1 | Argentina | R. El Mundo, Buenos Aires |
| | 10/2.5 | ZYI673 | Brazil | Dif. R. Cajazeiras, o, PB |
| | 1/0.25 | ZYL316 | | R. Rural, Muzambinho, MG |
| | 5/0.25 | ZYJ483 | | R. Cidade, Campos, RJ |
| | 1/0.25 | ZYK594 | | R. Anchieta, Itanhaém, SP |
| | 1/0.25 | ZYK603 | | R. Piratininga, Jaú, SP |
| | 5/0.25 | ZYK... | | R. Itapeti Paulista, São José dos Campos, SP (CP) |
| | 1/0.25 | ZYK... | | R. Serrana, Bento Gonçalves, RS (CP) |
| | 10/2.5 | ZYI427 | | R. Industrial, Várzea Alegre, MT |
| | 20 | HJAG | Colombia | Em. Atlántico, Barranquilla (vf) |
| | 30 | HJCG | | R. Santa Fé, Bogotá |
| | 15 | HJVR | | Ondas del Puracé, Popayán |
| | 1 | HCRS1 | Ecuador | R. Lubacan, Santo Domingo de los Colorados |
| | 0.5 | HCVP1 | | Em. Libertad, Quito |
| | 5 | HCRT5 | | La Voz del Tomebamba, Cuenca |
| | 20 | | Fr. Guiana | R.F.O. Guyane, Cayenne |
| | 1.5 | OAX2B | Peru | R. Trujillo ("La Voz del Norte del Perú"), o |
| | 0.25 | OAX5A | | R. Centinela, Puerto San Juan |
| | 1 | YVKW | Venezuela | R. Mil Setenta, La Guaira |
| | 10 | YVMA | | R. Mundial Zulia, Maracaibo |
| 1075 | 0.35 | CP173 | Bolivia | R. Agricultura, Portachuelo |
| 1080 | 25/5 | LU3 | | R. del Sur, Bahía Blanca |
| | 25/5 | LW4 | | R. Orán, San Ramón de la Nueva Orán |
| | 0.25 | | | R. Departamento Minas, Andacollo |
| | 1 | ZYJ673 | Brazil | R. Eldorado, Pôrto Velho, RO |
| | 10/5 | ZYI530 | | R. Guarujá, Belém, PA |
| | 1/0.5 | ZYI784 | | R. Dif. de Caruarú, o, PE |
| | 10/0.25 | ZYH470 | | R. Subaé, Feira de Santana, BA |
| | 1/0.25 | ZYH... | | R. Fascinação, Itapetinga, BA (CP) |
| | 5/0.5 | ZYL251 | | R. Capital, Juiz de Fora, MG |
| | 1/0.25 | ZYL314 | | R. Em Lagoa da Prata, o, MG |
| | 1/0.25 | ZYK519 | | R. Assunção de Jales, o, SP |
| | 1/0.25 | ZYK557 | | Soc. R. Dif. Batatais, o, SP |
| | 1/0.25 | ZYK607 | | R. Alvorada de Lins, o, SP |
| | 5/0.5 | ZYK699 | | R. Cl. de Sorocaba, o, SP |
| | 1/0.25 | ZYK704 | | R. Monumental de Aparecida, Aparecida, SP |
| | 1/0.5 | ZYJ201 | | R. Cl. Pontagrossense, Ponta Grossa, PR |
| 1080 | 1/0.25 | ZYJ245 | | R. Cult. Norte Paranaense ("R. Cult. Paranavaí"), Paranavaí, PR |
| | 1/0.25 | ZYJ261 | | R. Educ. de Cornélio Procópio, o, PR |
| | 1/0.25 | ZYJ759 | | R. Cl. de Indaial, o, SC |
| | 1/0.25 | ZYK254 | | R. Marabá, Iraí, RS |
| | 10 | ZYK280 | | R. Dif. da Univ. do Rio Grande do Sul, Pôrto Alegre, RS |
| | 10/5 | ZYH708 | | R. Capital, Brasília, DF |
| | 1 | CA108 | Chile | R. Río Elqui, Vicuña |
| | 1 | CD108 | | R. Los Confines, Angol |
| | 10 | HJAW | Colombia | La Voz de Montería, o (vf) |
| | 10 | HJDZ | | R. Reloj, Medellín (vf) |
| | 2.5 | HJIS | | R. Pontoná, La Dorada |
| | 15 | HJJF | | R. Musical, Cali |
| | 10 | HJKT | | R. Macarena, Villavicencio |
| | 10 | HJPF | | La Voz de Sudamérica, Bucaramanga (Floridablanca) |
| | 10 | HCKD2 | Ecuador | R. Noticia La Fabulosa, Guayaquil |
| | 10 | HCVH6 | | R. Latacunga, o |
| | 5 | ZP25 | Paraguay | Radiodif. Nanawa, Luque |
| | 5 | OBX1D | Peru | R. San Miguel, Piura |
| | 10 | OAX4F | | R. Nal. Mil Ochenta, Lima |
| | 1 | OCX4P | | R. Huayllay, o |
| | 1 | OAX7S | | R. Salcantay, Cuzco |
| | 5 | OAX8N | | R. Amazonas, Iquitos |
| | 10 | YVNR | Venezuela | R. Mundial 1080, Maracay |
| | 10 | YVQJ | | R. Barcelona, o |
| 1082 | 0.5 | CP... | Bolivia | R. Jenecherú, Cotoca (nf 1080) |
| 1085 | 10 | CP57 | | R. Progreso, La Paz (nf 1090) |
| | 1 | HCAB4 | Ecuador | R. Eco, Manta |
| 1090 | 0.3 | CP45 | Bolivia | R. Cultura, Cochabamba |
| | 10/5 | ZYJ592 | Brazil | Em. de Educação Rural, Natal, RN |
| | 5/0.25 | ZYH455 | | R. Santa Cruz, Ilhéus, BA |
| | 25/5 | ZYJ468 | | R. Metropolitana, RJ, RJ |
| | 1/0.5 | ZYK609 | | R. Cl. de Marília, o, SP |
| | 1/0.25 | ZYK618 | | R. Cult. de Monte Alto, o, SP |
| | 1/0.25 | ZYJ254 | | R. Dif. Colméia de Campo Mourão, Campo Mourão, PR |
| | 1/0.25 | ZYJ283 | | R. Vicente Pallotti, Coronel Vivida, PR |
| | 1/0.25 | ZYJ732 | | R. Colón, Joinville, SC |
| | 1/0.25 | ZYJ786 | | R. Tabajara, Tubarão, SC |
| | 5/0.25 | ZYK216 | | R. Cachoeira do Sul, o, RS |
| | 1/0.5 | ZYK239 | | R. Erexim, o, RS |
| | 1/0.25 | ZYK341 | | R. Giruá, o, RS |
| | 10/5 | ZYI425 | | R. Celeste, Sinop, MT |
| | 10/0.25 | ZYH758 | | R. Universal, Goiânia, GO |
| | 1 | CA109 | Chile | R. La Portada, Antofagasta |
| | 1 | CC109 | | R. Nal. de Chile, Talca |
| | 1 | CD109 | | R. Minería, Punta Arenas |
| | 15 | HJBC | Colombia | CARACOL Cúcuta, o |
| | 15 | HJIA | | Ondas del Nevado, Manizales |
| | 10 | HJIG | | La Voz de la Selva, Florencia |
| | 1 | HJIH | | CARACOL Sogamoso, o |
| | 5 | HJOM | | R. Bucanero, Bucaramanga |
| | 0.25 | HCMG1 | Ecuador | R. Fantasía, Quito |
| | 1 | OBX2A | Peru | R. Cajabamba, o |
| | 15/5 | CX28 | Uruguay | R. Imparcial, Montevideo |
| | 10 | YVPB | Venezuela | R. Yaracuy, San Felipe |
| | 20 | YVSZ | | R. Exitos Mil Noventa, Caracas |
| | 5 | YVTG | | RadioVisión Machiques, o |

| kHz | kW | Call | Country | Station/Location |
|---|---|---|---|---|
| 1095 | 1.5 | CP83 | Bolivia | R. Norte, Montero (nf 1115) (vf) (also reported on 890 and 1060) |
| 1100 | 5 | CP184 | | R. El Dorado, Trinidad |
| | 1 | CP194 | | R. Chaco, Yacuiba |
| | 1/0.25 | ZYH... | Brazil | R. Dif. dos Inhamuns, Tauá, CE (CP) |
| | 1/0.25 | ZYJ... | Brazil | R. A. Voz do Seridó, Caicô, RN (CP) |
| | 150 | ZYK694 | Brazil | R. Globo de São Paulo, o, SP |
| | 10 | CB110 | Chile | R. Recreo, Viña del Mar |
| | 15 | HJAT | Colombia | R. Reloj, Barranquilla |
| | 30 | HJCN | | R. Reloj, Bogotá |
| | 2 | HJEF | | Brisas del Orinoco, Puerto Carreño |
| | 1 | HJGI | | Em. José Antonio Galán, El Socorro |
| | 10 | HJGQ | | Tr. Surandes, Andes |
| | 5 | HJMK | | Em. Ideal, Planeta Rica |
| | 15 | HJYZ | | R. Futuro, Neiva |
| | 5 | HCFW2 | Ecuador | R. Alegría, Guayaquil |
| | 10 | HCJC5 | | Ondas Azuayas, Cuenca |
| | 5 | ZP71 | Paraguay | R. Ñu Verá, Capitán Bado |
| | 1 | OBX1L | Peru | R. Star, Chiclayo |
| | 1 | OAX3I | | Nueva R. Tingo María, o |
| | 1 | OAZ4W | | R. Musical, Barranca |
| | 1 | OCX4S | | R. Imperial, Cañete |
| | 1 | OCY4G | | Sonorama R., Huancayo |
| | 1 | OAX5Z | | R. Oasis, Ica |
| | 1.5 | OBX7Z | | R. Collao ("R. Comercial Collao"), Juliaca |
| | 15 | YVOP | Venezuela | R. Occidente, Tovar |
| | 10 | YVSW | | R. Angostura, Ciudad Bolívar |
| 1105 | 1 | HCEG1 | Ecuador | R. Exito, Quito (nf 1110) |
| | 0.5 | HCRP6 | | R. Pelileo, o |
| | 1 | HCRR6 | | R. Novedades, Latacunga (nf 1100) |
| 1110 | 20/5 | LR2 | Argentina | R. Argentina, Buenos Aires |
| | 5 | CP29 | Bolivia | R. Fides, La Paz |
| | 10 | ZYI786 | Brazil | R. Tabajara, João Pessôa, PB |
| | 1/0.25 | ZYL205 | | R. Planalto de Araguari, Araguari, MG |
| | 1 | ZYL267 | | R. Aurilândia, Nova Lima, MG |
| | 5 | ZYJ471 | | R. Cult. de Campos, o, RJ |
| | 1/0.25 | ZYK544 | | R. Luz, Araçatuba, SP |
| | 1/0.25 | ZYK592 | | Soc. R. Ibitinga, o, SP |
| | 1/0.25 | ZYK617 | | R. Cult. de Mogi-Mirim, o, SP |
| | 10/0.5 | ZYJ241 | | R. Paiquerê, Londrina, PR |
| | 1/0.25 | ZYJ253 | | R. Nova, São José dos Pinhais, PR |
| | 2.5/ 0.25 | ZYJ746 | | Radiodifusão Indio Condá, Chapecó, SC |
| | 1/0.5 | ZYJ752 | | R. Cult. de Florianópolis, o, SC |
| | 1/0.25 | ZYK257 | | R. Cult. Jaguarão, o, RS |
| | 1/0.25 | ZYK306 | | R. Sobradinho, o, RS |
| | 2.5/ 0.25 | ZYK325 | | R. Cruzeiro do Sul, Itaqui, RS |
| | 1 | ZYI392 | | R. Ponta Porã, o, MS |
| | 1 | CA63 | Chile | R. Chañaral, o (nf 630) |
| | 10 | CD111 | | R. La Frontera, Temuco |
| | 9 | HJDI | Colombia | R. Bolivariana, Medellín |
| | 15 | HJEW | | R. Reloj, Cali |
| | 5 | HJGD | | La Voz del Río Arauca, Arauca |
| | 10 | HJGZ | | R. Cardinal, Maicao |
| | 10 | HJJP | | R. Villavicencio, o |
| | 10 | HJNC | | La Voz del Nevado, Ibagué |
| | 1 | HJPA | | La Voz de las Islas, Isla San Andrés |
| | 5 | HJZE | | R. Piragua, Sincelejo |
| | 10 | YVQT | Venezuela | R. Carúpano, o |
| | 10 | YVRX | | R. Mía, Valencia |
| 1112 | 1 | OAX9C | Peru | R. Rioja, o |
| 1115 | 0.5 | HCLA2 | Ecuador | R. América, Guayaquil (nf 1120) |
| 1120 | 25/5 | LU6 | Argentina | Em. Atlántica, Mar del Plata |
| | 10/5 | LV5 | | R. Sarmiento, San Juan |
| | 1 | ZYH598 | Brazil | R. Tupinambá, Sobral, CE |
| | 5/1 | ZYI778 | | R. Mundial, Paulista (Recife), PE |
| | 1/0.25 | ZYL... | | R. Serra da Boa Esperança, Boa Esperança, MG (CP) |
| | 1/0.25 | ZYK631 | | R. Em. Portofelicense, Pôrto Feliz, SP |
| | 1/0.25 | ZYK660 | | R. Cl. de São José dos Campos, o, SP |
| | 1/0.25 | ZYK671 | | R. Cl. Imperial, Taquaritingá, SP |
| | 50 | ZYK274 | | R. Globo, Pôrto Alegre, RS |
| | 15 | HJGH | Colombia | CARACOL Comercio, Bucaramanga |
| | 5 | HJJC | | R. Cartago, o |
| | 10 | HJKQ | | R. Tunja, o |
| | 10 | HJUC | | R. Matecaña, Pereira |
| | 2 | HCEB1 | Ecuador | R. Ecos del Montúfar, San Gabriel |
| | 10 | ZP24 | Paraguay | R. Nuevo Mundo, San Lorenzo |
| | 10 | OAX8A | Peru | R. Nal. del Perú, Iquitos |
| | 5/1 | O..8. | | R. Nal. del Perú, Caballococha |
| | 0.5 | OAX9J | | R. Lamas, o |
| | 10 | CW31 | Uruguay | R. Salto, o |
| | 10 | YVMF | Venezuela | Ondas del Lago, ("Super Ondas"), Maracaibo |
| | 10 | YVPN | | R. Nal. Los Llanos, San Fernando de Apure |
| | 5 | YVZX | | R. República, Maturín (nf 1310) |
| 1121 | 10 | HJTI | Colombia | R. Tonchalá, Cúcuta (nf 1130) (vf) |
| 1125 | | CP... | Bolivia | R. Provincia, Vinto |
| | 5 | HCIR1 | Ecuador | R. Amazonas, Pomasqui (nf 1140) |
| 1130 | 25/5 | LRA21 | Argentina | R. Nacional, Santiago del Estero |
| | 10 | ZYI531 | Brazil | R. Marajoara, Belém, PA |
| | 5/1 | ZYI783 | | R. Cult. do Nordeste, Caruaru, PE |
| | 100/50 | ZYJ460 | | R. Nacional, RJ, RJ |
| | 1/0.25 | ZYK676 | | R. Piratininga, Tupã, SP |
| | 1/0.25 | ZYJ220 | | R. Castro, o, PR |
| | 5/1 | ZYJ790 | | R. Princesa do Oeste, Xanxerê, SC |
| | 5/1 | ZYK290 | | R. Medianeira, Santa Maria, RS |
| | 5/0.25 | ZYH769 | | Em. Sul Goiana, Quirinópolis, GO |
| | 5/0.25 | ZYH778 | | R. Primavera de Itapuranga, Itapuranga, GO |
| | 15 | HJAC | Colombia | Em. Rio-Mar, Barranquilla |
| | 30 | HJCO | | R. Ciudad de Bogotá, o |
| | 10 | HJFP | | R. Neiva, o |
| | 1 | HJNH | | Ondas del Río, Magangué |
| | 15 | HJQQ | | La Voz de Colombia, Pasto |
| | 2 | HCRC1 | Ecuador | R. Punto, Ibarra |
| | 5 | HCPV6 | | R. Centro, Ambato |
| | 2.6 | OAX4N | Peru | R. Selecta 2000, Lima |
| | 0.4 | OAZ4S | | R. Chanchamayo, La Merced |
| | 0.25 | OAX7H | | R. Puno, o (ti) |
| | | OAX9Q | | Radiodif. San Martín, Tarapoto |
| | 10/5 | CX30 | Uruguay | La Radio, Montevideo |
| | 10 | YVJR | Venezuela | R. Melodía, Barquisimeto |

| kHz | kW | Call | Country | Station/Location |
|---|---|---|---|---|
| 1130 | 1 | YVPY | | R. Amazonas, Puerto Ayacucho |
| | 20 | YVRL | | R. Ideal, Caraballeda |
| 1140 | 0.25 | CP... | Bolivia | R. Estevan Arze, Tarata |
| | 1/0.25 | ZYH607 | Brazil | R. Progresso, Russas, CE |
| | 10 | ZYH449 | | R. Cult. da Bahia, Salvador, BA |
| | 1/0.25 | ZYL204 | | R. Cult. de Divinópolis, ("R. Minas"), o, MG |
| | 1/0.25 | ZYL248 | | R. Dif. da Campanha, o, MG |
| | 1/0.5 | ZYL253 | | R. Soc. Muriaé, o, MG |
| | 2/0.25 | ZYK555 | | R. Barretos, o, SP |
| | 1/0.25 | ZYK645 | | R. Educ. e Cult. de Rio Claro, o, SP |
| | 5/0.25 | ZYJ748 | | R. Coroado, Curitibanos, SC |
| | 1/0.25 | ZYK330 | | R. Butiá, o, RS |
| | 1/0.25 | ZYH751 | | R. Tapirapés de Formosa, Formosa, GO |
| | 100 | CB114 | Chile | R. Nal. de Chile ("Em. Metropolitana"), Santiago |
| | 15 | HJDL | Colombia | R. Cristal, Medellín |
| | 10 | HJFH | | La Voz de Anserma, o |
| | 10 | HJKO | | La Voz de la Victoria, Cartagena |
| | 10 | HJKW | | La Voz de los Centauros, Villavicencio |
| | 10 | HJRN | | La Voz de la Provincia Colombiana, Barbosa |
| | 10 | HJTR | | R. Girardot, o |
| | 0.25 | HCAZ5 | Ecuador | R. Alfa Musical, Cuenca |
| | 5 | ZP22 | Paraguay | R. Panambí Verá, Villarrica |
| | 2 | OAX3R | Peru | R. Bahía, Chimbote |
| | 1 | OCY4C | | R. Centro, Huancayo |
| | 0.5 | OAX5W | | R. Chinchaysuyo, Chincha |
| | 1 | OAX6L | | R. Concordia, Arequipa |
| | 10 | YVMU | Venezuela | R. Carora, o |
| | 10 | YVOO | | R. Frontera, San Antonio del Táchira |
| 1145 | 1 | CP19 | Bolivia | R. Agustín Aspiazu, ("La Doble—A"), La Paz |
| | 1 | CP25 | | R. Centenario, Santa Cruz (nf 1160) |
| 1146 | 3 | HCFB2 | Ecuador | R. Cóndor, Guayaquil (nf 1140) |
| 1150 | 25/5 | LRA26 | Argentina | R. Nacional, Resistencia |
| | 1 | LRA51 | | R. Nacional, Jáchal |
| | 10 | LT9 | | R. Brigadier General Estanislao López, Santa Fé |
| | 0.5 | CP71 | Bolivia | R. El Cóndor, Oruro |
| | 0.25 | CP... | | R. Horizontes de Campi, Cobija |
| | 10/5 | ZYI891 | Brazil | R. Pioneira de Teresina, o, PI |
| | 20/5 | ZYL283 | | R. Tiradentes, Belo Horizonte, MG |
| | 50/5 | ZYK656 | | R. Dif. São Paulo, São Caetano do Sul, SP |
| | 10 | HJBT | Colombia | R. Catatumbo, Ocaña |
| | 15 | HJFI | | CARACOL Armenia, o |
| | 1 | HJGJ | | R. Vencedores, Duitama |
| | 5 | HJSL | | R. Sosiego, Sincelejo |
| | 1 | HJTE | | La Voz del Chocó, Quibdó |
| | 5 | HCAV3 | Ecuador | R. Luz y Vida, Loja |
| | 0.5 | HCGB5 | | La Voz de Riobamba, o |
| | 10 | OAX8F | Peru | R. Loreto, Iquitos |
| | 20 | YVMM | Venezuela | R. Mundial Caribe, Punto Fijo |
| | 10 | YVQD | | Ecos del Orinoco, Ciudad Bolívar |
| 1155 | 0.5 | HCND4 | Ecuador | R. Cenit, Portoviejo |
| 1160 | 1 | LRA57 | Argentina | R. Nacional, El Bolsón |
| | 5/0.5 | LRH253 | | Puerto Iguazú (CP) |
| | 5/2.5 | LU32 | | R. Coronel Olavarría, Olavarría |
| | 25/5 | LV9 | | R. Salta, o |
| 1160 | 0.2 | CP78 | Bolivia | R. Tunari, Cochabamba |
| | 1 | CP98 | | R. Nuevo Mundo, Sucre |
| | 1 | ZYI674 | Brazil | R. Cariri, Campina Grande, PB |
| | 20/10 | ZYI202 | | R. Espírito Santo, Vitória, ES |
| | 5/0.5 | ZYK502 | | R. Pres. Wenceslau, o, SP |
| | 5/0.25 | ZYK517 | | R. Cacique de Sorocaba, Votorantim, SP |
| | 1/0.25 | ZYK582 | | R. Dif. de Fernandópolis, o, SP |
| | 1/0.25 | ZYK673 | | R. Cacique de Taubaté, o, SP |
| | 1/0.25 | ZYK685 | | R. Cl. de Mococa, o, SP |
| | 1/0.25 | ZYJ258 | | R. Cl. de Londrina, o, PR |
| | 1/0.25 | ZYJ741 | | R. Dif. Cidade Jardim, Blumenau, SC |
| | 1/0.25 | ZYJ767 | | R. Eldorado, Laguna, SC |
| | 1/0.25 | ZYJ776 | | R. Dif. Colméia, Pôrto União, SC |
| | 1/0.25 | ZYK242 | | R. Miriam, Farroupilha, RS |
| | 5/0.25 | ZYK245 | | R. Luz e Alegria, Frederico Westphalen, RS |
| | 1 | ZYK273 | | R. Univ. Católica de Pelotas, o, RS |
| | 10/5 | ZYI385 | | R. A Voz do Oeste, Cuiabá, MT |
| | 1 | CC116 | Chile | R. Ancoa, Linares |
| | 2.5 | HJAU | Colombia | Ondas del Orteguaza, Florencia |
| | 5 | HJAZ | | La Voz del Sinú, Montería |
| | 10 | HJBL | | R. Aeropuerto, Barranquilla (Soledad) |
| | 10 | HJEC | | San José de Cúcuta, Cúcuta |
| | 15 | HJEV | | La Voz del Valle, Cali |
| | 10 | HJVA | | R. 24, Bogotá |
| | 10 | HJZV | | R. Las Lajas, Ipiales |
| | 10 | HCCP1 | Ecuador | R. Presidente, Quito |
| | 5 | OAX1K | Peru | R. Nal. del Perú, Tumbes (nf 1120) |
| | 10 | OAX2C | | R. Libertad, Trujillo |
| | 0.5 | OAX3B | | R. Huaraz, o |
| | 10 | OAX4C | | R. Once Sesenta, Lima |
| | 1 | OBX6G | | R. Hogar, Moquegua |
| | 1 | OAX9M | | R. Imagén, Tarapoto |
| | 2.5 | CW116 | Uruguay | R. Agraria, Cerro Chato |
| | 10 | YVOK | Venezuela | R. Universidad, Mérida |
| | 20 | YVRR | | R. Industrial, Guarenas |
| 1165 | 1 | HCUR6 | Ecuador | R. Runatacuyac, Latacunga |
| 1170 | 25/5 | LRA29 | Argentina | R. Nacional, San Luís |
| | 25/3 | LT16 | | R. Pres. Roque Sáenz Peña, o |
| | 1/0.25 | ZYH... | Brazil | R. TV do Amazonas, Brasiléia, AC (CP) |
| | 1/0.25 | ZYH284 | | R. Guaranópolis, Maués, AM |
| | 1/0.25 | ZYH... | | R. Dif. de Anori, o, AM (CP) |
| | 10/1 | ZYJ598 | | R. Dif. de Mossoró, o, RN |
| | 10/5 | ZYK569 | | R. Educ. de Campinas, o, SP |
| | 10 | ZYJ273 | | R. Atalaia de Curitiba, Curitiba, PR |
| | 5/1 | ZYK213 | | R. Dif. A Voz de Bagé, o, RS |
| | 1/0.25 | ZYK264 | | R. Osório, o, RS |
| | 1/0.25 | ZYK359 | | R. Uirapuru, Passo Fundo, RS |
| | 10 | HJGA | Colombia | R. Boyacá, Tunja |
| | 1 | HJJE | | Em. Villa de Céspedes, Tuluá |
| | 1 | HJJY | | R. Lemayá, Guamo |
| | 10 | HJLB | | Meridiano 70, Arauca |
| | 10 | HJNW | | CARACOL Cartagena, o |
| | 10 | HJPB | | Ondas de Macondo, Valledupar |
| | 5 | HJWA | | La Voz del Guaviare, San José del Guaviare |

| kHz | kW | Call | Country | Station/Location |
|---|---|---|---|---|
| 1170 | 10 | HCRB2 | Ecuador | R. Agricultura ("La Voz del Litoral"), Guayaquil |
| | 3 | HCAH3 | | R. El Trebol, Zaruma |
| | 10 | HCJM4 | | R. Antena Libre, Esmeraldas |
| | 1 | HCJV5 | | R. Central, Riobamba |
| | 1 | OCX4Y | Peru | R. Cooperativa Satipo, Satipo |
| | 2.5 | OCX7Q | | R. Universal, Huánchac |
| | 10/5 | CX32 | Uruguay | Radiomundo, Montevideo |
| | 10 | YVPX | Venezuela | R. El Sol, La Fría |
| | 20 | YVQV | | R. Acarigua, o |
| 1175 | 2 | HCVR3 | Ecuador | R. Vía, Machala (nf 1160) |
| | 5 | HCDP5 | | R. Cuenca ("La Voz de los Cuatro Rios"), Cuenca |
| 1180 | 10/2.5 | ZYH280 | Brazil | R. Dif. do Amazonas, Manaus, AM |
| | 5/1 | ZYH889 | | R. Ribamar, São Luis, MA |
| | 1/0.25 | ZYI797 | | R. Cultural, Vitória de Santo Antão, PE |
| | 5/0.25 | ZYH248 | | R. Correio do Sertão, Santana do Ipanema, AL |
| | 50/10 | ZYJ463 | | R. Eldorado ("Eldo-Pop"), RJ, RJ |
| | 1/0.25 | ZYJ237 | | R. Guaça de Toledo, Toledo, PR |
| | 1/0.5 | ZYK307 | | R. Cristal, Soledade, RS |
| | 75 | CB118 | Chile | Em. Diego Portales, Santiago |
| | 15 | HJDT | Colombia | R. Nutibara, Medellín (nf 1170) |
| | 15 | HJFX | | CARACOL Manizales, o |
| | 20 | HJGK | | R. Santander, Bucaramanga |
| | 10 | HJJT | | La Voz del Río Blanco, Ibagué |
| | 20 | HCLR1 | Ecuador | Nueva Em. Central, Quito |
| | 1 | HCRT1 | | R. Familiar, Julio Andrade |
| | 1 | HCSP4 | | La Voz del Volante, Portoviejo |
| | 10 | OBX4P | Peru | R. Latinoamericana, Lima |
| | 1 | OCY4Z | | R. Libertad de Junín, Junín |
| | 10/0.25 | CX118 | Uruguay | S.O.D.R.E., Artigas |
| | 10 | YVNJ | Venezuela | R. Petrolera, Ciudad Ojeda |
| | 10 | YVOR | | R. Maturín, o |
| 1190 | 50 | LRA15 | Argentina | R. Nacional, San Miguel de Tucumán |
| | 25/5 | LR9 | | R. América, Buenos Aires |
| | 10/1 | ZYJ594 | Brazil | R. Tropical, Natal, RN |
| | 10/1 | ZYH459 | | R. Juazeiro, o, BA |
| | 10/1 | ZYL221 | | R. Guarani, Belo Horizonte, MG (also reported on 1340) |
| | 5/0.25 | ZYK729 | | R. 31 de Março, Santa Cruz das Palmeiras, SP |
| | 10 | HJCT | Colombia | La Voz de la Costa, Barranquilla |
| | 15 | HJCV | | R. Cordillera, Bogotá |
| | 15 | HJEO | | Ondas del Valle, Cartago |
| | 5 | HJOB | | R. Barají, Sahagún |
| | 10 | HJOH | | R. Mira, Tumaco |
| | 1 | HCDE2 | Ecuador | R. Excelsior ("Estudio 11-90"), Guayaquil |
| | 0.25 | HCRF6 | | R. El Sol, Pujilí |
| | 10 | OAX1E | Peru | R. Chiclayo, o |
| | 1.2 | OAX2V | | R. Los Andes, Cajamarca |
| | 10 | O..3. | | R. Ancash, Huaraz |
| | 1 | OBX5O | | R. Huanta 2000, Huanta |
| | 10 | YVPF | Venezuela | R. Canaíma, San Félix |
| | 25 | YVRE | | R. Barinas, o |
| | 25 | YVZD | | Radiodif. Cultural del Táchira, San Cristóbal |
| 1200 | 5/3 | LT6 | Argentina | R. Sargento Cabral, Goya |
| | 5 | CP31 | Bolivia | R. Oriental, Santa Cruz |
| | 0.25 | CP37 | | R. Santa Ana, Santa Ana de Yacuma |
| 1200 | 1 | CP67 | | R. Splendid, La Paz |
| | 0.25 | CP171 | | R. 24 de Noviembre, Arani |
| | 10 | ZYH585 | Brazil | Ceará R. Cl, Fortaleza, CE |
| | 1/0.25 | ZYH482 | | R. Cl. Rio do Ouro, Jacobina, BA |
| | 50/20 | ZYK520 | | R. Cultura, São Paulo, SP |
| | 1/0.25 | ZYK... | | R. Palmira d'Oeste, o, SP (CP) |
| | 1 | ZYJ309 | | R. Pontal de Nova Londrina, Nova Londrina, PR |
| | 5/0.25 | ZYK238 | | R. Dif. Sul Riograndense, Erexim, RS |
| | 1/0.25 | ZYK342 | | R. Cotrisel, São Sepé, RS |
| | 1 | CA120 | Chile | R. Almirante Blanco Encalada, Tocopilla |
| | 10 | CD120 | | R. Agricultura, Los Angeles |
| | 0.25 | CD120 | | R. Experimental, Los Lagos |
| | 1 | HJBX | Colombia | Ondas del Meta, Villavicencio |
| | 10 | HJBZ | | Ondas del Riohacha, o |
| | 10 | HJCD | | Em. Nueva Epoca, Fusagasugá |
| | 10 | HJIJ | | R. Colibrí, Medellín |
| | 10 | HJLR | | La Villa del Sol ("R. El Sol"), Sogamoso |
| | 10 | HJNF | | R. Super, Cali |
| | 10 | HJVB | | R. Principe, Cartagena |
| | 10 | HCCS1 | Ecuador | R. Super Canal 12, Sangolqui |
| | 1 | HCMP4 | | R. La Grande, Bahía de Caráquez |
| | 3 | HCRM5 | | R. El Mercurio, Cuenca |
| | 10 | ZP11 | Paraguay | R. Charitas, Asunción |
| | 5 | OAX4B | Peru | R. Lima, o |
| | 1 | OAX6N | | R. El Faro, Ilo |
| | 10 | OAX6L | | R. Radial Andina, Arequipa (nf 1170) |
| | 5 | OAX7B | | R. Tawantinsuyo, Cuzco (nf 1190) |
| | 1 | OAX7M | | R. Quillabamba, o (nf 1210) |
| | 1 | CW33 | Uruguay | La Nueva R., Florida |
| | 1 | CX120 | | R. Reconquista, Rivera |
| | 10 | YVOZ | Venezuela | Radiotiempo, Caracas |
| | 10 | YVWA | | Ondas del Escalante, Santa Bárbara del Zulia |
| 1205 | 5 | HCRQ2 | Ecuador | La Voz del Trópico, Quevedo |
| 1210 | 10/5 | LRH218 | Argentina | R. Eldorado, o |
| | 25/5 | LV3 | | R. Córdoba, o |
| | 1 | ZYI893 | Brazil | R. Educ. de Parnaíba, o, PI |
| | 5/1 | ZYI786 | | R. Dif. de Garanhuns, o, PE |
| | 5/1 | ZYH452 | | R. Carioca, Feira de Santana, BA |
| | 1/0.5 | ZYL238 | | R. Cl. de Varginha, o, MG |
| | 1/0.5 | ZYL305 | | R. Dif. de Uberlândia, o, MG |
| | 5/1 | ZYI200 | | R. Cachoeiro do Itapemirim, o, ES |
| | 1/0.25 | ZYK509 | | R. Jaboticabal, o, SP |
| | 1/0.25 | ZYK545 | | R. Dif. de Araçatuba, o, SP |
| | 1/0.25 | ZYK550 | | R. Dif. de Assis, o, SP |
| | 1/0.5 | ZYK558 | | Bauru R. Cl., Bauru, SP |
| | 5/0.25 | ZYK668 | | R. Em. Vanguarda, Sorocaba, SP |
| | 10/5 | ZYJ219 | | R. Universo, Curitiba, PR |
| | 1/0.25 | ZYJ785 | | R. Santa Catarina, Tubarão, SC |
| | 10/1 | ZYK202 | | R. Continental, Pôrto Alegre, RS |
| | 2.5/1 | ZYK317 | | R. São Miguel, Uruguaiana, RS |
| | 1 | CA121 | Chile | R. Univ. de Antofagasta, o |
| | 1 | CB121 | | R. Viña del Mar, o |

| kHz | kW | Call | Country | Station/Location |
|---|---|---|---|---|
| 1210 | 1 | CC121 | | R. Univ. de Talca, o |
| | 15 | HJFF | Colombia | La Voz Amiga, Pereira |
| | 10 | HJFR | | La Voz del Huila, Neiva |
| | 30 | HJTL | | R. El Sol, Cúcuta |
| | 0.5 | HCMD4 | Ecuador | R. Presidente, Santa Ana |
| | 1 | OAX2Q | Peru | R. Universo, Trujillo |
| | 0.25 | CV121 | Uruguay | R. RBC, Piriápolis |
| | 0.25 | CW121 | | R. Vergara, Villa Vergara |
| | 1/0.5 | CX121 | | Dif. Soriano, Mercedes |
| | 10 | YVMN | Venezuela | R. Coro, o (vf) |
| | 10 | YVQZ | | R. Anzoátegui, Barcelona |
| 1215 | 5 | HCVC3 | Ecuador | R. Centinela del Sur, Loja (nf 1210) |
| 1220 | 3 | CP162 | Bolivia | R. Batallón Topater, Oruro |
| | | CP... | | R. El Cóndor, Arque |
| | 150 | ZYJ458 | Brazil | R. Globo, RJ, RJ |
| | 10 | HJAV | Colombia | R. Cordobesa, Montería |
| | 15 | HJKR | | R. Juventud, Bogotá |
| | 10 | HJMT | | Armonías de San Gil, San Gil |
| | 10 | HJNM | | Em. Cultural Bolívar, Ipiales |
| | 1 | HJSA | | R. Tropical, Barranquilla |
| | 0.35 | HCAP1 | Ecuador | R. Marañón, Quito |
| | 3 | HCBJ2 | | R. El Mundo, Guayaquil (vf) |
| | 1 | OAX5G | Peru | R. San Pedro de Grocio Prado, Chincha |
| | 10 | OAX6X | | R. Melodía, Arequipa |
| | 3 | OAX9T | | R. Bagua, Bagua Chica |
| | 10 | YVRD | Venezuela | La Voz de Apure, San Fernando de Apure |
| | 10 | YVTU | | R. Aeropuerto Internacional, Maracaibo |
| 1225 | 3 | HCJM6 | Ecuador | R. Sira, Ambato |
| 1226 | 3 | ZP21 | Paraguay | R. Centenario, Caaguazú (nf 1230) (vf) |
| 1230 | 25/5 | LT2 | Argentina | R. General San Martín, ("R. Dos"), Rosario |
| | 5 | LW5 | | R. Libertador General San Martín, Ledesma |
| | 1/0.25 | ZYH. . . | Brazil | R. Verdes Campos, Caxias, MA (CP) |
| | 5/1 | ZYI670 | | R. Correio da Paraíba, João Pessôa, PB |
| | 5/0.25 | ZYL296 | | R. Educ. Rio Doce, Governador Valadares, MG |
| | 1/0.25 | ZYK573 | | R. Cacique, Capão Bonito, SP |
| | 1/0.5 | ZYK716 | | R. Dif Princesa d'Oeste, Campinas, SP |
| | 10/1 | ZYJ... | | R. Guararema, São José, SC (CP) |
| | 10/5 | ZYH756 | | R. Anhanguera, Goiânia, GO |
| | 10 | HJBR | Colombia | R. Unica, Tunja |
| | 15 | HJGV | | R. Ciudad de Bucaramanga, o |
| | 10 | HJIL | | La Voz de las Américas, Medellín |
| | 1 | HJLF | | R. Galeón, Acacias |
| | 10 | HJLK | | R. Calidad, Cali |
| | 5 | HJMJ | | R. Tribuna, Maicao |
| | 1 | HJTP | | R. Colina, Girardot |
| | 3 | HCRI1 | Ecuador | Centro Radiofónico de Imbabura, Ibarra |
| | 1 | HCFG4 | | R. Tropical, Esmeraldas |
| | 1 | OBX2T | Peru | R. Albujar de Guadalupe, Guadalupe (Chepén) |
| | 4 | OBZ4Y | | R. Selecciones, Tarma |
| | 0.5 | OBX7J | | R. Madre de Diós, Puerto Maldonado |
| | 10 | YVNT | Venezuela | R. Barlovento, Caucagua, (vf) |
| | 10 | YVOH | | R. Valera, o |
| 1235 | 2 | HCMV5 | Ecuador | R. Popular de Cuenca, o (nf 1220) |
| | 1 | HCRL6 | | R. Libertador, Saquisilí |
| 1240 | 1 | CP180 | Bolivia | R. San Miguel, Arani |
| | 5 | ZYI774 | Brazil | R. Capibaribe do Recife ("Jovem Cap"), o, PE |
| | 1/0.25 | ZYH463 | | R. Em. de Alagoinhas, o, BA |
| | 1/0.25 | ZYL303 | | R. Platina, Ituiutaba, MG |
| | 1/0.25 | ZYK565 | | R. Municipalista, Botucatu, SP |
| | 10/2.5 | ZYK653 | | R. Cl. de Santos, o, SP |
| | 1/0.25 | ZYJ280 | | R. Matelândia, o, PR |
| | 1/0.25 | ZYK200 | | R. Aparados da Serra, Bom Jesus, RS |
| | 1/0.25 | ZYK251 | | R. Ibirubá ("A Voz do Alto Jacuí"), Ibirubá, RS |
| | 1/0.25 | ZYK... | | R. São Jerônimo, o, RS (CP) |
| | 5/1 | ZYI388 | | R. Dif. de Campo Grande, o, MS |
| | 1/0.5 | ZYH761 | | R. Xavantes, Ipameri, GO |
| | 1 | CA124 | Chile | R. del Salitre, Iquique |
| | 25 | CB124 | | R. Univ. de Santiago de Chile, Santiago |
| | 10 | HJFG | Colombia | La Voz del Comercio, Armenia |
| | 5 | HJGN | | R. Barrancabermeja, o |
| | 1 | HJIA | | R. Caribabaré, Sarabena |
| | 1 | HJJA | | R. Buenaventura, o |
| | 0.3 | HCRF3 | Ecuador | R. Fénix, Zaruma |
| | 0.5 | HCAD5 | | R. Musical, Riobamba |
| | 5 | OBZ4Q | Peru | R. Oro de Huacho, Huacho |
| | 5/2.5 | CW35 | Uruguay | R. Paysandú, o |
| | 10 | YVLQ | Venezuela | La Voz de La Victoria, o |
| | 10 | YVSF | | R. Dimensión, Caripito |
| | 1000 | YV. . | | La Voz de Venezuela, Coro |
| 1245 | 1 | HCPA1 | Ecuador | R. Metropolitana, Quito (ti) |
| 1250 | 3 | CP14 | Bolivia | Em. Unidas, La Paz |
| | 1.5 | CP16 | | R. Los Andes, Tarija |
| | 0.25 | CP17 | | R. Sararenda, Camiri |
| | 1 | CP26 | | R. Amboró, Santa Cruz |
| | 1 | CP53 | | R. Indoamérica, Potosí |
| | 1 | CP54 | | R. La Plata, Sucre |
| | 1 | CP65 | | R. Oruro, o |
| | 5 | CP69 | | R. Nacional, Cochabamba |
| | 1 | CP100 | | R. Ibaré, Trinidad |
| | 1/0.25 | ZYH284 | Brazil | R. Educ. Rural, Coari, AM |
| | 1 | ZYH594 | | R. Educ. de Crateús, o, CE |
| | 10/0.25 | ZYJ925 | | R. Esperança, Estância, SE |
| | 5 | ZYL282 | | R. Dif. de Poços de Caldas, o, MG |
| | 5/0.5 | ZYK702 | | R. Universal, Caçapava, SP |
| | 5/0.5 | ZYJ211 | | R. Dif. Guarapuava, o, PR |
| | 1/0.25 | ZYJ233 | | R. Paranavaí, o, PR |
| | 1/0.25 | ZYJ313 | | R. Danúbio Azul, Santa Isabel do Oeste, PR |
| | 1/0.25 | ZYJ763 | | R. Itapiranga, o, SC |
| | 5/0.25 | ZYJ766 | | R. Cult. de Joinville, o, SC |
| | 10/0.25 | ZYK233 | | R. Dif. Caxiense, Caxias do Sul, RS |
| | 5/1 | ZYK272 | | R. Tupanci, Pelotas, RS |
| | 1/0.25 | ZYI394 | | R. Dif. de Três Lagoas, o, MS |
| | 5/0.25 | ZYI412 | | R. Caiuás, Dourados, MS |
| | 1/0.25 | ZYH748 | | R. Dif. São Patrício, Ceres, GO |
| | 1 | CA125 | Chile | R. La Serena, o |
| | 10 | CD125 | | R. Instituto Profesional, Valdivia |
| | 10 | HJCA | Colombia | R. Capital, Bogotá |
| | 1 | HJEM | | La Voz de Corozal, o |
| | 1 | HJHS | | R. Reloj, Cúcuta |
| | 1 | HJHZ | | Em. Mariana, Pasto |
| | 10 | HJOK | | Em. A.B.C., Barranquilla (vf) |
| | 1 | HCCJ2 | Ecuador | Canal Juvenil, Guayaquil |

| kHz | kW | Call | Country | Station/Location |
|---|---|---|---|---|
| 1250 | 10 | ZP3 | Paraguay | R. Asunción, o |
| | 5 | OAX4L | Peru | R. Miraflores, Lima |
| | 1 | OBX7M | | R. Tupac Amaru, Sicuaní |
| | 1 | OAX8P | | R. Pucallpa, o |
| | 10 | CW125 | Uruguay | R. Bella Unión, o |
| | 5/1.5 | CX36 | | R. Centenario, Montevideo |
| | 1 | YVML | Venezuela | R. Cabimas, o |
| | 10 | YVPZ | | R. Puerto Ordaz, o |
| 1255 | 5 | HCEM1 | Ecuador | Ondas Carchenses, Tulcán |
| 1260 | 10/5 | LT14 | Argentina | R. General Urquiza, Paraná |
| | 0.4 | CP... | Bolivia | R. Em. Uncia, o |
| | 5 | ZYJ670 | Brazil | R. Educ. de Guajará-Mirim, o, RO |
| | 1/0.25 | ZYH596 | | R. Vale do Jaguaribe, Limoeiro dc Norte, CE |
| | 10/5 | ZYH242 | | R. Gazeta de Alagôas, Maceió, AL |
| | 50/25 | ZYK688 | | R. Mulher, São Paulo, SP |
| | 5/0.25 | ZYJ740 | | R. Blumenau, o, SC |
| | 5/0.25 | ZYK204 | | R. Cult. de São Borja, o, RS |
| | 5/0.25 | ZYK327 | | R. Em. Fandango, Cachoeira do Sul, RS |
| | 1/0.25 | ZYK345 | | R. Gaurama, o, RS |
| | 10 | CA126 | Chile | R. Nal. de Chile, Arica |
| | 1 | CC126 | | R. Condell, Curicó |
| | 5 | HJDA | Colombia | R. Exito, Medellín |
| | 10 | HJDV | | CARACOL Ibagué, o |
| | 5 | HJET | | La Voz de Colombia, Cali |
| | 1 | HJHU | | R. Morgan, Isla San Andrés |
| | 5 | HJLX | | R. Cinco, Villavicencio |
| | 5 | HJMI | | La Voz del César, Valledupar |
| | 2.5 | HJNO | | R. Duitama, o |
| | 2.5 | HJOU | | Ondas del Amazonas, Leticia |
| | 5 | HJQN | | R. Preferida, Montería |
| | 5 | HJQR | | La Voz de la Fraternidad, Santa Marta |
| | 20 | HJTM | | R. Sonar, Ocaña |
| | 10 | HCMO1 | Ecuador | La Voz del Santuario del Quince, El Quince |
| | 1.5 | HCWN1 | | La Voz del Triunfo, Santo Domingo de los Colorados |
| | 0.5 | HCRO6 | | R. Calidad, Ambato |
| | 1 | OBX2C | Peru | Telesistema Peruano, Otuzco |
| | 1 | OBX6D | | R. Mundial, Arequipa |
| | 3/1 | CW37 | Uruguay | Dif. Rochense, Rocha |
| | 10 | YVRM | Venezuela | R. Impacto, Caracas (vf) |
| | 1 | YVRY | | R. Horizonte, Nirgua |
| 1265 | 3 | HCRV5 | Ecuador | R. Splendit, Cuenca |
| 1270 | 5 | LRA20 | Argentina | R. Nacional, Las Lomitas |
| | 50/10 | LS11 | | R. Prov. de Buenos Aires, La Plata |
| | 0.25 | CP55 | Bolivia | R. Universidad, Oruro (nf 1100) |
| | 1 | CP134 | | R. Vanguardia, Mina Colquiri |
| | 1 | ZYH282 | Brazil | R. Educ. Rural, Tefé, AM |
| | 10/1 | ZYJ593 | | R. Poti, Natal, RN |
| | 5/0.25 | ZYL227 | | R. Carijós, Conselheiro Lafaiete, MG |
| | 5/1 | ZYL327 | | R. Vanguarda do Vale do Aço, Ipatinga, MG |
| | 5/0.5 | ZYJ474 | | R. Em. Continental, Campos, RJ |
| | 1/0.25 | ZYK538 | | R. Brasil, Adamantina, SP |
| | 2/0.5 | ZYK640 | | R. Brasiliense, Ribeirão Preto, SP |
| | 5/0.25 | ZYK678 | | R. Brasil, Valinhos, SP |
| | 1/0.25 | ZYJ222 | | R. Atual Guairacá, Mandaguari, PR |
| | 1/0.25 | ZYJ226 | | R. Dif. Platinense, Santo Antônio da Platina, PR |
| | 10/1 | ZYJ236 | | R. Capital, Piraquara, PR |

| kHz | kW | Call | Country | Station/Location |
|---|---|---|---|---|
| 1270 | 5/0.25 | ZYJ289 | | R. Independência Cultural, Cascavel, PR |
| | 5/0.25 | ZYJ765 | | R. Soc. Catarinense, Joaçaba, SC |
| | 1/0.25 | ZYJ768 | | R. Garibaldi, Laguna, SC |
| | 10/ 0.25 | ZYK250 | | R. Vera Cruz, Horizontina, RS |
| | 1/0.25 | ZYK301 | | R. São Lourenço, São Lourenço do Sul, RS |
| | 1/0.25 | ZYK320 | | R. Venâncio Aires, o, RS |
| | 50/10 | ZYH753 | | R. Brasil Central, Goiânia, GO |
| | 1 | CA127 | Chile | R. Universo, Antofagasta |
| | 10 | CB127 | | R. Festival, Viña del Mar |
| | 1 | CD127 | | R. Univ. de la Frontera, Temuco |
| | 1 | HJAR | Colombia | R. Miramar, Cartagena |
| | 1 | HJKZ | | R. Ciudad de Pereira, o |
| | 1 | HJPJ | | R. Tamboral, Río Sucio (ti) |
| | 15 | HJTX | | La Voz de Colombia, Bucaramanga |
| | 10 | HCUM2 | Ecuador | R. Universal, Guayaquil |
| | 2 | HCLD4 | | R. Junín, o |
| | 1 | HCCC6 | | R. Casa de la Cultura, Latacunga |
| | 1 | OAZ4H | Peru | R. Huacho, o |
| | 1 | OBZ4T | | R. La Merced, o |
| | 1 | OAX5B | | R. Ica, o |
| | 0.5 | OBX6H | | R. Mollendo, o |
| | 1 | OBX7A | | Radiodif. Continente, Cuzco |
| | 1 | OBX7G | | R. Ondas del Titicaca, Puno |
| | 1 | OAX8T | | R. Eco, Iquitos |
| | 1 | OAX9G | | R. Nor Peruana, Chachapoyas |
| | 1 | CV127 | Uruguay | R. Cuareim, Artigas |
| | 1 | YVOU | Venezuela | Ondas Panamericanas, El Vigía |
| | 1 | YVTR | | R. Tucupita, o |
| 1275 | 0.5 | CP187 | Bolivia | R. Chané, Mineros |
| 1280 | 1 | CP112 | | R. Frontera, Yacuiba |
| | 100 | ZYJ455 | Brazil | R. Tupi, RJ, RJ |
| | 5 | HJHO | Colombia | Impacto Popular, San Juan del César (CP) |
| | 5 | HJKN | | R. Musical, Bogotá |
| | 5 | HJLR | | CARACOL Pasto, o |
| | 1 | HJMB | | R. Suroeste, Concordia |
| | 2.5 | HJNQ | | La Voz del Río Suarez, Barbosa |
| | 5 | HJSO | | R. Playa Mendona, Barranquilla |
| | 1 | HCAC1 | Ecuador | La Voz de la Democracia, Quito (ti) |
| | 2 | HCRP3 | | R. Continental, Arenillas |
| | 5 | HCNW5 | | R. Canal Tropical, Riobamba |
| | 1 | OBX2F | Peru | R. Moderna, Cajamarca |
| | 5/10 | OBX4E | | R. Inca del Perú, Lima |
| | 1 | OBX6P | | R. Fenix, Camana |
| | 0.5 | CW64 | Uruguay | S.O.D.R.E., Termas Arapey |
| | 20 | YVOF | Venezuela | R. Trujillo, o |
| | 1 | YVQS | | R. Zaraza, El Tamarindo |
| 1285 | 1 | HCVN4 | Ecuador | La Voz del Sur de Manabí, Jipijapa |
| 1290 | 5/2.5 | ZYH286 | Brazil | R. Rio Mar, Manaus, AM |
| | 10/1 | ZYH888 | | R. Timbira, São Luis, MA |
| | 10/1 | ZYH450 | | R. Cl. de Salvador, o, BA |
| | 1/0.25 | ZYL304 | | R. Juriti de Paracutu, Paracatu, MG |
| | 5/1 | ZYK663 | | R. Independência, São José do Rio Prêto, SP |
| | 5/0.5 | ZYJ804 | | R. Camboriú, Balneário de Camboriú, SC |
| | 5/0.5 | ZYH745 | | R. Carajá, Anápolis, GO |
| | 10 | HJCM | Colombia | R. Sur, Pitalito (nf 1280) |
| | 5 | HJEB | | La Voz del Turismo, Santa Marta (El Rodadero) |
| | 5 | HJHI | | La Voz de Garagoa, o |

| kHz | kW | Call | Country | Station/Location |
|---|---|---|---|---|
| 1290 | 1 | HJKY | | Ondas del Puerto, Girardot (vf) |
| | 5 | HJMC | | Em. de la Fundación Carvajal, Cali |
| | 1 | HJNE | | La Voz del Ariari, Granada |
| | 5 | HJOI | | Ecos del Mar, Sampués |
| | 1 | HJTH | | R. Ritmos, Medellín |
| | 0.5 | HCJA5 | Ecuador | La Voz del Río Tárqui, Cuenca |
| | 3 | CX36 | Uruguay | S.O.D.R.E., Carmelo |
| | 3 | CX38 | | S.O.D.R.E., Montevideo |
| | 10 | YVLF | Venezuela | R. Puerto Cabello, o |
| 1295 | 1 | HCNS1 | Ecuador | R. Popular, Atuntaqui |
| | 0.5 | HCRU1 | | R. Festival, Santo Domingo de los Colorados |
| | 0.5 | HCVB6 | | R. Once de Noviembre, Latacunga |
| 1300 | 5/1.5 | LU22 | Argentina | R. Tandil, o |
| | 0.5 | CP41 | Bolivia | R. Loyola, Sucre |
| | 0.15 | CP127 | | R. Juan XXIII, Uyuni |
| | 0.3 | CP168 | | R. Chichas, Siete Suyos |
| | 0.35 | CP. . | | R. Coronel Eduardo Abaroa, Santa Cruz |
| | 10 | ZYH586 | Brazil | R. Iracema de Fortaleza, Fortaleza, CE |
| | 1/0.25 | ZYI... | | R. Comanche, São Lourenço da Mata, PE (CP) |
| | 1/0.25 | ZYL219 | | R. Cancella, Ituiutaba, MG |
| | 10/1 | ZYK535 | | R. Diario do Grande ABC, ("Grande ABC AM"), São Bernardo do Campo, SP |
| | 5/0.25 | ZYK633 | | R. Pres. Prudente, o, SP |
| | 2/0.25 | ZYK726 | | R. Paranapanema, Pirajú, SP |
| | 10/ 0.25 | ZYJ235 | | R. Princesa, Francisco Beltrão, PR |
| | 1/0.25 | ZYJ274 | | R. Atalaia de Maringá, o, PR |
| | 1/0.25 | ZYJ278 | | R. Vila Velha, Ponta Grossa, PR |
| | 10 | ZYK203 | | R. Eldorado, Esteio, RS |
| | 1/0.25 | ZYK337 | | R. Regional, Santo Cristo, RS |
| | 5/1 | ZYI386 | | R. Cult. de Cuiabá, o, MT |
| | 1 | CB130 | Chile | R. Andrés Bello, Santiago |
| | 10 | CD130 | | R. Pilmaiquén, Valdivia |
| | 1 | CD130 | | R. Cabo de Hornos, Puerto Williams |
| | 5 | HJBA | Colombia | R. Sindamanoy, Mocoa |
| | 5 | HJEA | | R. Lumbí, Mariquita |
| | 5 | HJLD | | R. Reloj, Pereira |
| | 15 | HJNB | | R. Reloj, Bucaramanga |
| | 15 | HJOG | | R. Sonorama, Cartagena |
| | 1.5 | HCDC2 | Ecuador | R. Cenit, Guayaquil |
| | 10 | ZP10 | Paraguay | Em. Paraguay, Asunción |
| | 1 | OAX1H | Peru | R. Grau, Piura |
| | 1 | OAX1I | | R. Dif. Comercial, Chiclayo |
| | 1 | OAX3O | | R. Huascarán, Huaraz |
| | 15 | OAX4M | | R. Atalaya, Lima |
| | 2 | OAZ4B | | R. Andina, Huancayo |
| | 0.5 | OAX5H | | R. Ayacucho, o |
| | 0.5 | OAX6P | | R. Latina, Tacna |
| | 1 | OAX7P | | R. Onda Imperial, Cuzco |
| | 1 | OAX7X | | R. Juliaca, o |
| | 3 | OAZ8B | | R. Nuevo Mundo, Pucallpa |
| | 10 | YVKH | Venezuela | R. Estudio Trece, Petare |
| | 20 | YVMS | | R. Reloj, Maracaibo |
| 1310 | 5 | LRA5 | Argentina | R. Nacional, Rosario |
| | 10 | CP68 | Bolivia | R. San Rafael, Cochabamba (nf 1300) |
| | 1 | ZYH602 | Brazil | R. Progresso de Juazeiro, Juazeiro do Norte, CE |
| | 5/0.25 | ZYH454 | | R. Baiana de Ilhéus, Ilhéus, BA |
| | 2/1 | ZYK596 | | R. Dif. de Itápolis, o, SP |
| | 5 | HJAK | Colombia | La Voz de la Patria, Barranquilla |
| | 5 | HJDG | | Tr. Río, Montería |
| | 5 | HJIR | | La Voz de Urabá, Apartadó |
| 1310 | 5 | HJJZ | | R. Visión, Bogotá |
| | 10 | HJLM | | R. Santa Bárbara, o |
| | 30 | HJRF | | Ondas del César, Aguachica |
| | 10 | HJTQ | | R. Tasajero, Cúcuta |
| | 10 | HCGB1 | Ecuador | R. Nal. Espejo, Quito |
| | 1 | OBX5K | Peru | R. San Martín, Pisco |
| | 1 | YVSA | Venezuela | R. Centro, Tinaquillo |
| | 5 | YVTS | | RadioVisión Andina, Isnotú |
| | 10 | YV. . | | R. Nal. de Venezuela Oriente, Puerto La Cruz |
| 1315 | 0.25 | HCCP3 | Ecuador | La Voz de El Oro, Pasaje |
| 1320 | 25/1.5 | LRH251 | Argentina | Resistencia (CP). |
| | 5/3 | LU10 | | R. Azul, o |
| | 5/1 | LV24 | | R. Manantiales, Tunuyán |
| | 1 | ZYH597 | Brazil | R. Cidade, Sobral, CE |
| | 1 | ZYH243 | | R. Progresso de Alagoas, Maceió, AL |
| | 1/0.25 | ZYL319 | | R. Integração, Carmo do Paranaíba, MG |
| | 1/0.25 | ZYL... | | R. Mucuri, Teófilo Otoni, MG |
| | 25/5 | ZYJ475 | | R. Dif. Boas Novas, Petrópolis, RJ |
| | 1/0.25 | ZYK630 | | R. Dif. Pirassununga, o, SP |
| | 1/0.25 | ZYK675 | | R. Cl. de Tupã, o, SP |
| | 5/1 | ZYJ225 | | R. Globo Curitiba, Curitiba, PR |
| | 1/0.25 | ZYJ310 | | R. Marajoara, Ibiporã, PR |
| | 1/0.25 | ZYK223 | | R. Cl. de Canela, o, RS |
| | 10/0.5 | ZYK266 | | R. Panambi, o, RS |
| | 5/1 | ZYK271 | | R. Cult. de Pelotas, o, RS |
| | 5/1 | ZYH759 | | R. Cl. de Goiânia, o, GO |
| | 0.25 | CA132 | Chile | R. Estrella del Norte, Vallenar |
| | 0.1 | CD132 | | R. Lincoyán, Mulchén |
| | 5 | HJEV | Colombia | La Voz de Colombia, Barranquilla |
| | 5 | HJHT | | R. Guateque, o |
| | 5 | HJMS | | R. Regia, Barrancabermeja |
| | 1 | HJNK | | R. Luna, Palmira |
| | 5 | HJON | | La Voz del Tocarema, Girardot |
| | 5 | HJPC | | Esquina del Progreso, Fundación |
| | 5 | HJQM | | R. Leda, Isla San Andrés |
| | 1 | HJTA | | La Voz de la Independencia, Medellín (vf) |
| | 3 | HCJD6 | Ecuador | R. Continental, Ambato |
| | 0.5 | HCOB7 | | R. Limón, Limón Adanza |
| | 5 | HCVG8 | | La Voz de Galápagos, Isla San Cristóbal |
| | 0.35 | OAX1F | Peru | R. Talara, o |
| | 10 | OAX4I | | R. La Cronica, Lima |
| | 5 | O..4. | | La Voz de Oxapampa, o |
| | 1 | OBX6O | | R. Pres. Castilla, Arequipa |
| | 1.5/1 | CW39 | Uruguay | La Voz de Paysandú, o |
| | 0.1 | CW132 | | R. Fortaleza, Rocha |
| | 10 | YVSG | Venezuela | R. Colonial, El Tocuyo |
| | 1 | YVWP | | R. Apolo, Turmero |
| | 10 | YVZR | | R. Continental, Barinas |
| 1325 | 5 | HCRF2 | Ecuador | R. Guayaquil, Babahoyo |
| 1330 | 10/1.5 | LU37 | Argentina | R. General Pico, o |
| | 0.25 | CP106 | Bolivia | R. Trinidad, o |
| | 1.5 | CP176 | | R. América, Oruro |
| | 25/5 | ZYI533 | Brazil | R. Liberal, Belém, PA (vf) |
| | 1/0.25 | ZYI905 | | R. Itamaraty, Piripiri, PI |
| | 1 | ZYH468 | | R. Dif. de Serrinha, o, BA |
| | 1/0.25 | ZYK566 | | R. Cult de Bragança Paulista, o, SP |
| | 1 | ZYK641 | | R. Cult. de Ribeirão Preto, o, SP |
| | 1/0.25 | ZYJ264 | | R. Jaguariaíva, o, PR |
| | 5/0.25 | ZYJ320 | | R. Educ. Inconfidência, Umuarama, PR |
| | 5/0.5 | ZYJ739 | | R. Cl. de Blumenau, o, SC |

| kHz | kW | Call | Country | Station/Location |
|---|---|---|---|---|
| 1330 | 5/0.25 | ZYJ749 | | R. Chapecó, o, SC |
| | 1/0.25 | ZYK236 | | R. Upacaraí, Dom Pedrito, RS |
| | 5/0.25 | ZYK260 | | R. Independente, Lajeado, RS |
| | 0.25 | CA133 | Chile | R. José Santos Ossa, Taltal |
| | 1 | CB133 | | R. Panamericana, Santiago |
| | 1 | CD133 | | R. Vicente Pérez Rosales, Puerto Montt |
| | 5 | HJFE | Colombia | R. Exitos, Pereira |
| | 10 | HJNR | | R. Guanentá, San Gil (nf 1420) |
| | 1 | HJRD | | R. Copeñol, El Peñol |
| | 3 | HCOV1 | Ecuador | Ondas del Volante, El Angel |
| | 0.45 | HCLW5 | | La Voz de la Cordillera, Cuenca |
| | 10 | ZP4 | Paraguay | R. Chaco Boreal, Asunción |
| | 0.15 | OAX2P | Peru | R. Paijan, o |
| | 5 | CX40 | Uruguay | R. Fenix, Montevideo |
| | 5 | YVOY | Venezuela | R. Los Llanos, Calabozo |
| | 1 | YVPJ | | R. Rubio, o |
| | 5 | YVTV | | RadioVisión Regional, Ciudad Ojeda |
| 1335 | 1 | CD134 | Chile | R. Malleco, Victoria (nf 1340) |
| | 5 | HCGF1 | Ecuador | R. Sideral, Quito (nf 1340) |
| | 2 | HCRV3 | | R. Nal. El Oro, Machala (nf 1330) |
| 1340 | 5 | LT3 | Argentina | R. Cerealista, Rosario |
| | 1 | CP24 | Bolivia | R. Grigotá, Santa Cruz |
| | 0.35 | CP146 | | R. San Francisco, Apolo (ti) |
| | 10/1 | ZYH886 | Brazil | R. São Luís, o, MA |
| | 10/1 | ZYI671 | | R. Arapuan, João Pessôa, PB |
| | 10/1 | ZYL221 | | R. Guaraní, Belo Horizonte, MG (nf 1190) (also r. on 1190) |
| | 1/0.25 | ZYL241 | | R. Cult. de Itabirito, o, MG |
| | 5/0.5 | ZYK543 | | R. Cult. de Araçatuba, o, SP |
| | 5/0.25 | ZYK615 | | R. Metropolitana, Mogi das Cruzes, SP |
| | 1/0.25 | ZYK... | | R. Canoa Grande, Igaraçu do Tietê, SP (CP) |
| | 2.5/ 0.25 | ZYJ205 | | R. Dif. de Rio Negro, o, PR |
| | 1/0.25 | ZYJ249 | | R. Cult. de Arapongas, o, PR |
| | 10/1 | ZYK227 | | R. Metrôpole, Canoas, RS |
| | 1/0.25 | ZYI380 | | R. Dif. Aquidauana, o, MS |
| | 1 | CA134 | Chile | R. El Toco, Tocopilla |
| | 1 | CB134 | | R. Nal. de Chile, Valparaíso |
| | 1 | CC134 | | R. La Discusión, Chillán |
| | 0.5 | CD134 | | R. Panguipulli, o |
| | 1 | HJFA | Colombia | R. Olímpica, Barranquilla |
| | 5 | HJFB | | R. El Sol, Bogotá |
| | 5 | HJHY | | Tr. Sucre, Sincelejo |
| | 5 | HJJS | | R. Andagoya, Buenaventura |
| | 5 | HJKD | | Armonías del Sur, Neiva |
| | 10 | HJNA | | R. Nariño, Pasto |
| | 1 | HJNP | | R. Comunal, Nariño |
| | 1 | HJNY | | R. Sonorama, Bucaramanga |
| | 5 | HJPY | | R. Mil, Cúcuta |
| | 2 | HJVL | | La Voz de los Héroes, Belén de los Andaquíes |
| | 1 | HCDR4 | Ecuador | R. Cenit, Bahía de Caráquez |
| | 1 | HCDN5 | | R. Trece de Noviembre, Cajabamba |
| | 1 | HC..5 | | R. Atenas, Riobamba (nf 1390) |
| | 1 | OBX1K | Peru | R. San Francisco, Piura |
| | 1 | OAZ4Q | | R. Jauja, o |
| | 0.5 | OAX5D | | R. Chincha, Chincha Alta |

| kHz | kW | Call | Country | Station/Location |
|---|---|---|---|---|
| 1340 | 1 | OAX9C | | R. Tropical, Tarapoto |
| | 2.5/1 | CW53 | Uruguay | La Voz de Melo, o |
| | 5 | YVME | Venezuela | R. Uno, Petare |
| | 10 | YVQU | | R. San Carlos, o |
| 1345 | 10 | HCPB6 | Ecuador | R. Paz y Bien, Ambato |
| 1350 | 25/5 | LS6 | Argentina | R. Buenos Aires, o |
| | 1 | CP82 | Bolivia | R. Electra, Potosí |
| | 5 | ZYH201 | Brazil | R. Capital, Rio Branco, AC |
| | 5 | ZYH420 | | R. Equatorial, Macapá, AP |
| | 5/1 | ZYI675 | | R. Borborema, Campina Grande, PB |
| | 10/5 | ZYL214 | | R. Cult. de Poços de Caldas, o, MG |
| | 5/0.25 | ZYJ277 | | R. Dif. Rondon, Marechal Cândido Rondon, PR |
| | 1/0.25 | ZYJ745 | | R. Santa Catarina, Canoinhas, SC |
| | 1/0.25 | ZYJ760 | | R. Cl. de Itajaí, o, SC |
| | 10/1 | ZYK313 | | R. Dif. Três Passos, o, RS |
| | 1 | CA135 | Chile | R. Guardia Marina Riquelme, Coquimbo (vf) |
| | 1 | CC135 | | R. Central, San Carlos |
| | 1 | CD135A | | R. Pudeto, Ancud |
| | 1 | CD135 | | R. La Voz del Sur, Punta Arenas |
| | 10 | HJDS | Colombia | Ondas de la Montaña, Medellín |
| | 10 | HJEN | | R. Melodía, Cali |
| | 1 | HJHL | | R. Festival, Ibagué |
| | 2 | HJHW | | Ecos del Río, Puerto Boyacá |
| | 5 | HJLO | | Brisas del Cauca, Caucasia |
| | 5 | HJOC | | R. El Sol, Santa Marta |
| | 2 | HJOZ | | La Voz del Yopal, o |
| | 1 | HJRP | | R. Perijá, Codazzi |
| | 2 | HCPZ1 | Ecuador | R. Rumichaca, Tulcán |
| | 1 | HCVR2 | | R. Reloj, Guayaquil |
| | 0.5 | HCSF5 | | La Voz de San Fernando, o |
| | 1.5 | OAX3N | Peru | Ondas del Huallaga, Huánuco |
| | 1 | OBX6F | | R. Ilo, o |
| | 5 | YVFO | Venezuela | R. Primavera, Trujillo |
| | 5 | YVTJ | | RadioVisión Falcón, Puerto Cumarebo |
| | 5 | YVTL | | RadioVisión Sur del Lago, Caja Seca |
| | 10 | YVZZ | | R. Guanipa, El Tigre |
| 1355 | 0.25 | CP154 | Bolivia | R. Armonía, Cliza |
| 1360 | 5/1 | LRK200 | Argentina | Concepción (CP) |
| | 5 | CP137 | Bolivia | R. Stentor, La Paz (nf 1520) |
| | 1 | CP143 | | Radiodif. Libertad, Villazón |
| | 5 | ZYI534 | Brazil | R. Rural de Santarém, o, PA |
| | 1/0.25 | ZYH620 | | R. Litoral de Cascavel, Cascavel, CE |
| | 1/0.25 | ZYJ605 | | R. Ouro Branco, Currais Novos, RN |
| | 5/1 | ZYH469 | | R. Cult. de Paulo Afonso, o, BA |
| | 50/10 | ZYJ464 | | R. Bandeirantes, RJ, RJ |
| | 5/1 | ZYK581 | | R. Cult. de Fernandópolis, o, SP |
| | 1/0.25 | ZYK... | | R. Regional, Dracena, SP (CP) |
| | 10 | ZYJ265 | | R. Pato Branco, o, PR |
| | 1/0.25 | ZYJ268 | | R. Norte, Assaí, PR |
| | 1/0.25 | ZYJ323 | | R. Humaitá, Campo Mourão, PR |
| | 5/0.25 | ZYK234 | | R. Soc. Cerro Azul, Cerro Largo, RS |
| | 1/0.25 | ZYK261 | | R. Alvorada de Marau, Marau, RS |
| | 2 | ZYI383 | | R. Dif. Matogrossense, Corumbá, MS |
| | 0.25 | CA136 | Chile | R. Continente, Freirina |
| | 5 | CC136 | | R. Univ. Bío Bío, Concepción |
| | 1 | HJKV | Colombia | R. Laser, Zapatoca |

| kHz | kW | Call | Country | Station/Location |
|---|---|---|---|---|
| 1360 | 1 | HJRA | | Ecos del Risaralda, Pereira |
| | 7.5 | HJTU | | R. Reloj, Cartagena |
| | 1 | HCMT1 | Ecuador | R. Oyambaro, Yaraqui |
| | 3 | HCJB4 | | La Voz del Carmen, El Carmen |
| | 1 | HCRJ5 | | R. América, Riobamba |
| | 1 | ZP44 | Paraguay | R. Arasá Potý, Itauguá |
| | 5 | OAX4Y | Peru | R. Excelsior, Lima |
| | 0.35 | OAX7R | | R. Sicuaní, o (nf 1365) |
| | 1/0.25 | CV136 | Uruguay | S.O.D.R.E., Chiflero |
| | 2.5 | CW41 | | Bc. San José, o |
| | 0.25 | CW136 | | R. Río Branco, o |
| | 10 | YVTI | Venezuela | Catatumbo Internacional, Maracaibo |
| | 10 | YVTW | | R. Alegría, Chivacoa |
| | 10 | YVTZ | | R. Armonía, Charallave |
| 1370 | 1 | LRA54 | Argentina | R. Nacional, Ingeniero Jacobacci |
| | 25/3 | LRJ241 | | San Luís (CP) |
| | 0.5 | CP158 | Bolivia | R. La Voz del Minero, Siglo Veinte |
| | 0.8 | CP. . . | | Radiodif. Tupiza, o |
| | 1 | ZYI892 | Brazil | R. Dif. de Teresina, o, PI |
| | 5/1 | ZYH458 | | R. Dif. Sul da Bahia, Itabuna, BA |
| | 1/0.25 | ZYL257 | | R. Dif. do Machado, o, MG |
| | 1/0.25 | ZYL298 | | R. Soc. Ubaense, Ubá, MG |
| | 1/0.25 | ZYK541 | | R. Urubupungá, Andradina, SP |
| | 1/0.25 | ZYK... | | Bariri R. Cl., o, SP (CP) |
| | 50/2 | ZYJ267 | | R. Independência do Paraná, Curitiba, PR |
| | 5/0.25 | ZYJ782 | | R. Peperí, São Miguel d'Oeste, SC |
| | 5/0.25 | ZYK243 | | R. Mauá, Flores da Cunha, RS |
| | 1/0.25 | ZYK334 | | R. Gazeta de Alegrete, Alegrete, RS |
| | 1 | HJBD | Colombia | R. Guaimaral, Cúcuta |
| | 5 | HJBO | | R. Piloto, Barranquilla |
| | 5 | HJEQ | | La Voz del Cauca, Popayán |
| | 5 | HJKX | | R. Mundial, Bogotá |
| | 1 | HJNI | | R. Sabanas, Sincelejo |
| | 1 | HJNU | | Ecos de Rionegro, o |
| | 2 | HCJS1 | Ecuador | Ecos Andinos, Pinampiro |
| | 5 | HCEH3 | | R. Nal. Progreso, Loja |
| | 1 | HCHB3 | | R. Impacto, Piñas |
| | 2 | HCLC5 | | R. Caravana, Azogues |
| | 0.25 | HCCP7 | | La Voz del Cenepa, Zamora |
| | 2 | HCRP7 | | R. Pastaza y Voz de Oriente, El Puyo |
| | 1 | OAX1G | Peru | R. Tumbes, o |
| | 1 | OAX3H | | R. Interamericana, Chimbote |
| | 1 | OAZ4O | | R. Cosmos, Huacho |
| | 0.5 | OAX6T | | R. Moquegua, o |
| | 0.5 | CV137 | Uruguay | R. Real, Minas de Corrales |
| | 1 | CW137 | | R. San Javier, o |
| | 2.5 | CX42 | | Em. Ciudad de Montevideo, o |
| | 5 | YVJI | Venezuela | R. Cumbre, Ejido (Mérida) |
| | 5 | YVLO | | R. La Pascua, Valle de La Pascua |
| | 5 | YVSV | | R. Portuguesa, Araure |
| 1375 | 0.25 | CP186 | Bolivia | R. Libertad, Cliza |
| | 5 | HCVM2 | Ecuador | La Voz del Milagro, El Milagro |
| | 1 | HCJR6 | | R. Mera, Ambato |
| 1380 | 5/1 | ZYH283 | Brazil | R. Alvorada de Parintins, o, AM |
| | 1/0.25 | ZYI... | | R. Tocantins, Tucuruí, PA (CP) |
| | 1/0.25 | ZYI... | | R. Marajó, Breves, PA (CP) |
| | 1/0.25 | ZYH... | | R. Dif. Mearim, Caxias, MA (CP) |
| | 10/5 | ZYI773 | | R. Continental do Recife, o, PE |
| 1380 | 1/0.25 | ZYL309 | | R. Veredas de Unaí, Unaí, MG |
| | 1/0.25 | ZYL... | | R. Soc. Gorutubana, Janauba, MG (CP) |
| | 5/1 | ZYJ470 | | Campos Dif., o, RJ |
| | 1/0.25 | ZYK507 | | R. Dif. de Lençóis Paulista, o, SP |
| | 1/0.25 | ZYK616 | | R. Dif. de Mogi Guaçu, o, SP |
| | 1/0.25 | ZYJ314 | | R. Educ. de São João do Ivaí, o, PR |
| | 1/0.25 | ZYJ... | | R. Cidade, Itaiópolis, SC (CP) |
| | 1/0.25 | ZYK293 | | R. Cultura, Santana do Livramento, RS |
| | 2/0.25 | ZYK350 | | R. Gazeta, Tapera, RS |
| | 50 | CB138 | Chile | R. Colo Colo, Santiago |
| | 5 | HJEE | Colombia | R. Triunfo de Boyacá, Tunja |
| | 1 | HJEJ | | Armonías del Palmar, Palmira |
| | 1 | HJID | | Em. Villa Paez, Gigante |
| | 1 | HJLG | | La Voz de La Dorada, o |
| | 5 | HJLM | | R. Ciudad de Medellín, o |
| | 1 | HJMM | | R. Reloj, Valledupar |
| | 3 | HCCV1 | Ecuador | R. Cristal, Quito |
| | 1 | ZP8 | Paraguay | R. Concepción, o (vf) |
| | 0.5 | OAX2D | Peru | R. Cajamarca,o |
| | 0.2 | OAZ4M | | R. Huaral, o (nf 1340) |
| | 1 | OCY4U | | R. ABC, Chosica |
| | 1 | OBX5C | | R. El Pueblo, Ica |
| | 3 | OAX6O | | R. San Martín, Arequipa |
| | 5 | YVJC | Venezuela | R. Fantasía, Soledad |
| | 5 | YVJD | | Ondas del Mar, Puerto Cabello |
| 1390 | 10 | LR11 | Argentina | R. Univ. Nal. de La Plata, La Plata |
| | 25/3 | LRI201 | | Bariloche (CP) |
| | 3 | CP3 | Bolivia | R. Nal. de Bolivia, La Paz |
| | 0.25 | CP169 | | R. La Voz Minera del Sur, Mina Telemayu |
| | | CP221 | | R. 16 de Noviembre, Sacaba (nf 1380) |
| | 1 | ZYI535 | Brazil | R. Educ. de Bragança, o, PA |
| | 1 | ZYI788 | | R. Dif. de Pesqueira, o, PE |
| | 1/0.25 | ZYH480 | | R. Bom Jesus da Lapa, o, BA |
| | 10/0.5 | ZYL213 | | R. América, Contagem (Belo Horizonte), MG |
| | 2.5/ 0.5 | ZYL287 | | R. Soc. de Uberaba, o, MG |
| | 10/0.5 | ZYI201 | | R. Cariacica AM, Cariacica, ES |
| | 5/0.5 | ZYJ473 | | R. Sul Fluminense, Barra Mansa, RJ |
| | 5/0.25 | ZYK570 | | R. Cult. de Campinas, o, SP |
| | 1/0.25 | ZYK574 | | R. Oceânica, Caraguatatuba, SP |
| | 10/1 | ZYJ242 | | R. Cult. de Maringá, o, PR |
| | 1/0.25 | ZYJ335 | | R. Independência, Salto do Lontra, PR |
| | 1/0.25 | ZYJ769 | | R. Araucária, Lages, SC |
| | 10 | ZYK209 | | R. Sucesso, Pôrto Alegre, RS |
| | 1 | ZYK343 | | R. Metrópole, Crissiumal, RS |
| | 5 | HJFO | Colombia | La Voz de los Andes, Manizales |
| | 5 | HJFY | | R. Avenida, El Espinal |
| | 5 | HJYW | | La Voz de Diego Pacho, Pacho |
| | 5 | HJZY | | R. Lemas, Bucaramanga (vf) |
| | 0.75 | HCIE1 | Ecuador | R. Uno, Urcuquí |
| | 5 | HCER5 | | R. Tropicana, Cuenca |
| | 1.5 | HCRI7 | | R. Tropical, Tena |
| | 1 | OAX7I | Peru | R. La Hora, Cuzco (nf 1400) |
| | 2.5/1 | CW45 | Uruguay | Dif. Treinta y Tres, o |

| kHz | kW | Call | Country | Station/Location |
|---|---|---|---|---|
| 1390 | 5 | YVTT | Venezuela | RadioVisión Lara, Cabudare (Barquisimeto) |
| | 10 | YVZA | | R. Fé y Alegría, Caracas |
| | 1 | YVZC | | R. Selecta, Maracaibo |
| 1395 | 5 | HCVE4 | Ecuador | La Voz de Esmeraldas, o |
| 1400 | 10/2 | LU11 | Argentina | Radioemisora del Oeste, Trenque Lauquen |
| | 1 | CP174 | Bolivia | R. Marítima, Santa Cruz |
| | 0.1 | CP199 | | R. Sumac Orko, Potosí (nf 1450) |
| | 10 | ZYH200 | Brazil | R. Dif. Acreana, Rio Branco, AC |
| | 5/1 | ZYI677 | | R. Espinharas de Patos, Patos, PB |
| | 50/5 | ZYJ462 | | R. Rio de Janeiro, RJ RJ |
| | 1/0.25 | ZYK527 | | R. Dif. de Lucélia, o, SP |
| | 5/0.25 | ZYK658 | | R. Progresso, São Carlos, SP |
| | 5/0.25 | ZYK682 | | R. Anchieta, São José do Rio Prêto, SP |
| | 1/0.25 | ZYJ256 | | R. Cruzeiro do Sul, Londrina, PR |
| | 1/0.25 | ZYJ285 | | R. Educ. de Laranjeiras do Sul, o, PR |
| | 1/0.25 | ZYJ291 | | R. Alvorada do Sul, Rebouças, PR |
| | 1/0.25 | ZYJ299 | | R. Fronteira d'Oeste, Terra Roxa, PR |
| | 1/0.25 | ZYJ775 | | R. Entre Rios, Palmitos, SC |
| | 1/0.25 | ZYK247 | | R. Sideral, Getúlio Vargas, RS |
| | 1/0.25 | ZYK329 | | R. Integração, Restinga Sêca, RS |
| | 1/0.25 | ZYH754 | | R. Universitária, Goiânia, GO |
| | 0.25 | CA140 | Chile | R. Nal. de Chile, Iquique |
| | 5 | CC140 | | R. Inés de Suárez, Concepción |
| | 5 | HJAS | Colombia | R. Universal, Barranquilla |
| | 1 | HJBK | | La Voz de la Gran Colombia, Villa del Rosario (Cúcuta) |
| | 5 | HJGM | | R. Sogamoso, o (nf 1440) |
| | 5 | HJHM | | La Voz de Calarcá, o |
| | 2 | HJIT | | Ecos del Atrato, Quibdó |
| | 1 | HJJJ | | R. Ipiales, o |
| | 5 | HJKM | | Em. Mariana, Pasto |
| | 5 | HJLL | | R. Mía, Santa Bárbara |
| | 5 | HJ... | | La Voz del Niquel, Montelíbano |
| | 1 | HCFL2 | Ecuador | R. Continental ("Canal Musical"), Guayaquil |
| | 0.3 | HCDS4 | | R. Tropical, Manta |
| | 1 | HCVL6 | | R. Juventud, Salcedo |
| | 5 | HCRC7 | | R. Curacay, Tena |
| | 1 | ZP37 | Paraguay | R. Arapoty, Carapeguá |
| | 1 | OAX2O | Peru | R. Perú, Chepén |
| | 0.5 | OAZ4P | | R. San Juan, Tarma |
| | 2.5 | OBX4W | | R. Callao, o |
| | 0.45 | OAX6J | | R. Landa, Arequipa |
| | 25/10 | CX140 | Uruguay | Radiotelevisión Zorrilla de San Martín, Tacuarembó |
| | 20 | YVJB | Venezuela | R. Sabana, El Sombrero |
| | 10 | YVZJ | | R. Juvenil ("R. Mil Cuatrocientos"), Barinas |
| | 5 | YVZT | | R. Anaco, o |
| 1410 | 0.25 | CP. . . | Bolivia | R. Roboré, o |
| | 0.3 | CP124 | | R. Atlántida, Oruro |
| | 1/0.25 | ZYH467 | Brazil | R. São Gonçalo, São Gonçalo dos Campos, BA |
| | 1/0.25 | ZYJ486 | | R. Itaperuna, o, RJ |
| | 50/10 | ZYK691 | | R. América, São Paulo, SP |
| | 1/0.25 | ZYJ... | | R. Cl. São Domingos, o, SC (CP) |
| | 1/0.25 | ZYK284 | | R. Em. Minuano, Rio Grande, RS |
| 1410 | 5 | ZYK294 | | R. Santa Rosa, o, RS |
| | 1/0.25 | ZYK321 | | R. Veranense, Veranópolis, RS |
| | 5/1 | ZYI382 | | R. Cl. de Corumbá, o, MS |
| | 1 | CB141 | Chile | R. Litoral, Valparaíso |
| | 1.5 | CD141 | | R. Loncoche, o |
| | 5 | HJDU | Colombia | R. Cultural, Medellín |
| | 5 | HJEI | | R. Guadalajara, Buga |
| | 10 | HJFS | | Ondas del Gualí, Honda |
| | 1 | HJTY | | Ondas del Carare, Vélez (vf) |
| | 1 | HCEC1 | Ecuador | R. El Tiempo, Quito |
| | 1 | HCCQ2 | | La Voz del Pueblo, El Milagro |
| | 1 | HCFR4 | | La Voz de Quininde, o |
| | 1 | HCKD5 | | R. Centro Gualaceo, Gualaceo |
| | 1.5 | HCRM5 | | R. Cordillera, Guano |
| | 1 | HCMS7 | | La Voz del Río Coca, El Coca |
| | 1 | HCSC8 | | R. Santa Cruz, Puerto Ayora |
| | 1 | OAX1N | Peru | Telesistema Peruano, Lambayeque |
| | 2 | OAX2Y | | R. Heróica, Trujillo |
| | 1 | OBZ4V | | R. Universal, Huacho |
| | 1/0.5 | CW141 | Uruguay | R. Belén, o |
| | 5 | CX44 | | R. Color Panamericana, Montevideo |
| | 1 | YVNY | Venezuela | R. Güiria Internacional, Güiria |
| | 10 | YVSP | | R. Simpatía, Valera |
| | 5 | YVST | | R. Clarín, Turén |
| 1414 | 2.5 | ZP35 | Paraguay | R. La Voz de Misiones, San Juan Bautista de las Misiones (nf 1430) |
| 1417 | 5 | ZP42 | | R. Guyrá, Campana, Horqueta (nf 1420) (vf) |
| 1420 | 1/0.25 | LRK221 | Argentina | Perico (CP) |
| | 10 | CP49 | Bolivia | R. Centro, Cochabamba |
| | 5/0.25 | ZYL207 | Brazil | R. Imbiara de Araxá, Araxá, MG |
| | 10/ 0.25 | ZYL237 | | R. Ibituruna, Governador Valadares, MG |
| | 1/0.25 | ZYL286 | | R. Dif. São João Nepomuceno, o, MG |
| | 5/1 | ZYL288 | | R. Cult. de Sete Lagoas, o, MG |
| | 1/0.25 | ZYL313 | | R. Montanhês de Botelhos, Botelhos, MG |
| | 1/0.25 | ZYK597 | | R. Progresso de Itatiba, o, SP |
| | 1/0.25 | ZYK601 | | R. Colorado, Jardinópolis, SP |
| | 1/0.25 | ZYK612 | | R. Cl. de Mirandópolis, o, SP |
| | 1/0.25 | ZYK619 | | R. Dif. de Monte Aprazível, o, SP |
| | 1/0.25 | ZYK674 | | R. Cult. de Taubaté, o, SP |
| | 1/0.25 | ZYK733 | | R. Nova São Manuel, São Manuel, SP |
| | 5/0.25 | ZYJ269 | | R. Cult. de Umuarama, o, PR |
| | 1/0.25 | ZYJ282 | | R. Educ. Rural, Jacarezinho, PR |
| | 1/0.25 | ZYJ330 | | R. Grande Lago, Santa Helena, PR |
| | 1/0.25 | ZYJ334 | | R. Entre Rios, Santo Antônio do Sudoeste, PR |
| | 5/2.5 | ZYJ754 | | R. Guarujá, Florianópolis, SC |
| | 2.5/ 0.25 | ZYK340 | | R. Gazeta, Santa Cruz do Sul, RS |
| | 1/0.25 | ZYK344 | | R. Central Missões, São Luiz Gonzaga, RS |
| | 1/0.25 | ZYL351 | | R. Ametista, Planalto, RS |
| | 1/0.25 | ZYI397 | | R. Dif. Cacique, Nova Andradina, MS |
| | 1 | CA142 | Chile | R. Alonso de Ercilla, Illapel |

| kHz | kW | Call | Country | Station/Location |
|---|---|---|---|---|
| 1420 | 1 | CB142 | | R. Candelaria, Santiago |
| | 1 | CC142 | | R. Nuevo Renacer, Cauquenes |
| | 5 | HJAP | Colombia | R. Bahia, Cartagena |
| | 15 | HJBH | | CARACOL Santa Marta, o |
| | 5 | HJHK | | R. Reloj, Manizales (vf) |
| | 1 | HJSN | | R. Lenguerke, Zapatoca |
| | 3 | HCRN1 | Ecuador | R. Bahá'í, Otavalo |
| | 3 | HCMA6 | | R. Nuevos Exitos, Salcedo |
| | 1 | OBZ4G | Peru | R. San Isidro, Lima |
| | 1 | OBX5H | | R. Apurímac, Abancay |
| | 1 | OCX7E | | R. Collasuyo, Juliaca |
| | 1 | OAX8Z | | R. Oriente, Yurimaguas |
| | 5/0.5 | CW43 | Uruguay | R. Lavalleja, Minas |
| | 10 | CW142 | | La Voz de Artigas, o (vf) |
| | 0.1 | CX142 | | R. Felicidad, Paysandú |
| | 1 | YVRW | Venezuela | R. Cardenal, Carora |
| | 5 | YVZO | | RadioVisión Marabina, Maracaibo |
| | 1 | YV... | | R. Bahía, Barcelona |
| 1425 | 0.5 | HCMB2 | Ecuador | R. Porteña, Guayaquil |
| 1430 | 0.25 | LRI235 | Argentina | R. Balcarce, o |
| | 1/0.25 | LT24 | | R. San Nicolás, o |
| | 1/0.25 | LV26 | | R. Río Tercero, o |
| | 0.25 | CP141 | Bolivia | R. Nuestro Señor de Burgos, Mizque |
| | 0.25 | CP193 | | R. 23 de Marzo, Tupiza |
| | 1 | ZYJ671 | Brazil | R. Caiari, Pôrto Velho, RO |
| | 5/1 | ZYI536 | | R. Cl. de Santarém, o, PA |
| | 5/0.25 | ZYH. . . | | R Principe Imperial, Crateús, CE (CP) |
| | 5/0.5 | ZYJ604 | | R. Libertadora Mossoroense, Mossoró, RN |
| | 1/0.25 | ZYL239 | | R. Cl. de Guaxupé, o, MG |
| | 1/0.5 | ZYL252 | | R. Educ. de Ubá, o, MG |
| | 1/0.25 | ZYL265 | | R. Dif. Nanuque, o, MG |
| | 1/0.25 | ZYK666 | | R. Tr. Serra Negra, o, SP |
| | 50/10 | ZYJ200 | | R. Cl. Paranaense, Curitiba, PR |
| | 1/0.25 | ZYK224 | | R. Cultura, Canguçu, RS |
| | 1/0.25 | ZYK244 | | R. São Roque, Faxinal do Soturno, RS |
| | 1/0.25 | ZYK328 | | R. Excelsior, Gramado, RS |
| | 1 | CC143 | Chile | R. Nal. de Chile, Rancagua |
| | 1.5 | HJBP | Colombia | R. Pamplona, o |
| | 2 | HJCK | | R. Sensación, Yarumal |
| | 2 | HJEG | | La Voz del Belalcázar, Popayán |
| | 1 | HJIU | | Armonías del Ingruma, Riosucio |
| | 10 | HJKU | | La Voz de María ("Em. Kennedy"), Bogotá |
| | 1 | HJMF | | R. Venus, Puerto Berrío |
| | 5 | HJPK | | Em. Voz de Abejorral, o (nf 1360) |
| | 5 | HJPO | | R. Majagual, Corozal (nf 1420) |
| | 5 | HJPW | | R. Ciudad de Barranquilla, o |
| | 5 | HJRL | | Antena de los Andes, Santa Rosa de Cabal (nf 1520) |
| | 0.25 | HCCV3 | Ecuador | R. Canal Juvenil, Loja |
| | 0.5 | OAZ4V | Peru | R. Universal, Huancayo |
| | 5/1 | CW25 | Uruguay | R. Durazno, o |
| | 10 | YVIT | Venezuela | R. Altura, La Grita |
| | 5 | YVJA | | R. Satélite, Guacara |
| | 5 | YVSN | | R. Caicara, Caicara del Orinoco |
| 1440 | 1/0.5 | LT41 | Argentina | R. La Voz del Sur Entrerriano, Gualeguaychú |
| | 0.25 | LU36 | | R. Coronel Suárez, o |
| | 1/0.25 | LV20 | | R. Laboulaye, o |
| | 1/0.25 | LV27 | | R. San Francisco, o |
| | 1 | CP72 | Bolivia | R. Batallón Colorados, La Paz |
| 1440 | 0.5 | CP104 | | R. Oriente, Camiri |
| | 1.5 | CP107 | | R. Yaguarí, Vallegrande |
| | 5 | ZYH285 | Brazil | R. Baré, Manaus, AM |
| | 10/1 | ZYH603 | | R. Araripé, Crato, CE |
| | 5/0.25 | ZYH465 | | R. Jornal de Itapetinga, o, BA |
| | 20/5 | ZYJ469 | | R. América da Guanabara, RJ, RJ |
| | 5/0.25 | ZYK634 | | R. Comercial, Pres. Prudente, SP |
| | 5/0.25 | ZYK . . . | | R. Azul Celeste, Americana, SP (CP) |
| | 5/0.25 | ZYJ250 | | R. Colméia, Cascavel, PR |
| | 1/0.25 | ZYJ744 | | R. Cult. de Campos Novos, o, SC |
| | 1/0.25 | ZYJ792 | | R. Dif. Maravilha, o, SC |
| | 1/0.25 | ZYK206 | | R. América do Rio Grande do Sul, Montenegro, RS |
| | 1/0.25 | ZYK221 | | R. Ceres de Campo Real, Não Me Toque, RS |
| | 1/0.25 | ZYI. . . | | R. Bela Vista ("A Voz do Apa"), Bela Vista, MS |
| | 1 | CA144 | Chile | R. Univ. de La Serena, o |
| | 1 | CA144 | | R. Arica, o |
| | 1 | CC144 | | R. El Sembrador, Chillán |
| | 1 | HJBM | Colombia | La Voz de Honda, o |
| | 1 | HJEK | | R. Reloj, Tuluá |
| | 5 | HJIB | | La Voz de Caquetá, Florencia |
| | 5 | HJNZ | | R. 24, Medellín |
| | 0.6 | HCDF1 | Ecuador | R. Panorama, Ibarra |
| | 5 | HCDY4 | | R. Iris, Esmeraldas (nf 1465) |
| | 3 | HCOB5 | | Ondas del Volante, Azogues |
| | 5 | HCMD7 | | R. El Puyo, o |
| | 1 | HCPB7 | | R. Paz y Bién, Zumba |
| | 2 | OBX1I | Peru | R. Corporación Tumán, Tumán (vf) |
| | 2 | OBX2J | | R. Nuevo Continente, Cajamarca (nf 1560) |
| | 1 | OAX6R | | R. El Tiempo, Arequipa |
| | 1 | OCX7K | | R. San Miguel, Huánchac |
| | 0.1 | CV144 | Uruguay | R. Chuy, o |
| | 10 | YVFR | Venezuela | R. Orituco, Altagracia de Orituco |
| | 10 | YVTY | | R. Sucesos, Táriba |
| | 10 | YVZI | | R. Estelar, Guanare |
| 1444 | 2 | O..4. | Peru | R. Imperial, Lima (nf 1440) |
| 1445 | 10 | HCCS5 | Ecuador | R. Calidad, Riobamba |
| | 5 | CX144 | Uruguay | R. Rivera, o (nf 1440) |
| 1450 | 1/0.25 | LV28 | Argentina | R. Villa María, o |
| | 1 | CP61 | Bolivia | R. Em. Bolivia, Oruro |
| | 1/0.25 | ZYJ674 | Brazil | R. Vilhena, o, RO |
| | 1/0.25 | ZYJ... | | R. Roraima, Caracaraí, RR (CP) |
| | 1/0.25 | ZYH891 | | R. Verdes Campos, Pinheiro, MA |
| | 1/0.25 | ZYH... | | R. Cult. de Pedreiras, o, MA (CP) |
| | 1/0.25 | ZYI... | | R. Cult. do Gurgueia, Bom Jesús, PI (CP) |
| | 1/0.25 | ZYH601 | | R. Dif. Cristal, Quixeramobim, CE |
| | 1/0.25 | ZYH623 | | R. Pinto Martins, Camocim, CE |
| | 1/0.25 | ZYH... | | R. Soc. de Acopiara, o, CE (CP) |
| | 1/0.25 | ZYI... | | R. Independência, Catolé do Rocha, PB (CP) |
| | 1/0.25 | ZYI794 | | R. Cult. dos Palmares, o, PE |
| | 1/0.25 | ZYH... | | R. Rural, Ipiaú, BA (CP) |
| | 1/0.25 | ZYL249 | | R. Cult. de Monlevade, João Monlevade, MG |
| | 1/0.25 | ZYL250 | | R. Santa Cruz, Jequitinhonha, MG |
| | 1/0.25 | ZYL266 | | R. Cl. Nepomuceno, o, MG |

| kHz | kW | Call | Country | Station/Location |
|---|---|---|---|---|
| 1450 | 1/0.25 | ZYL312 | | R. Diamante de Coromandel, Coromandel, MG |
| | 1/0.25 | ZYJ480 | | R. do Comércio, Barra Mansa, RJ |
| | 1/0.25 | ZYJ503 | | R. Feliz de Santo Antônio, Santo Antônio de Pádua, RJ |
| | 1/0.25 | ZYK587 | | R. Dif. de Guararapes, o, SP |
| | 1/0.25 | ZYK591 | | R. Boa Nova de Guarulhos, Guarulhos, SP |
| | 1/0.25 | ZYK621 | | Orlândia R. Cl., Orlândia, SP |
| | 1/0.25 | ZYK657 | | R. São Carlos, o, SP |
| | 1/0.25 | ZYK708 | | R. Registro, o, SP |
| | 1/0.25 | ZYJ225 | | R. Soc. Monte Alegre, Telêmaco Borba, PR |
| | 1/0.25 | ZYJ243 | | R. Jornal de Maringá, o, PR |
| | 1/0.25 | ZYJ279 | | R. Cabiúna, Bandeirantes, PR |
| | 1/0.25 | ZYJ301 | | R. Dif. Ubiratã, o, PR |
| | 1/0.25 | ZYJ317 | | R. Rainha d'Oeste de Altônia, Altônia, PR |
| | 1/0.25 | ZYJ737 | | R. Integração do Oeste, São José do Cedro, SC |
| | 1/0.25 | ZYJ793 | | R. Rural de Fraiburgo, o, SC |
| | 1/0.25 | ZYJ802 | | R. São Bento, São Bento do Sul, SC |
| | 1/0.25 | ZYK810 | | R. Iracema, Cunha Porã, SC |
| | 1/0.25 | ZYK232 | | R. Caiçara, Caxias do Sul, RS |
| | 1/0.25 | ZYK256 | | R. Jaguari, o, RS |
| | 1/0.25 | ZYK346 | | R. Cassino, Rio Grande, RS |
| | 1/0.25 | ZYI400 | | R. Dif. de Cáceres, o, MT |
| | 1/0.25 | ZYI417 | | R. Dif. de Rio Brilhante, o, MS |
| | 1/0.25 | ZYH788 | | R. Vale da Serra, São Luiz de Montes Belos, GO |
| | 5 | CB145 | Chile | R. Univ. Técnica "Federico Santa María", Valparaíso |
| | 5 | CC145 | | R. Libertad, Curicó (vf) |
| | 1 | CD145 | | R. Turismo, Puerto Varas |
| | 0.25 | CD145 | | R. Arauco, Angol |
| | 1 | HJHH | Colombia | Aires de Oriente, Floridablanca |
| | 1.5 | HJMX | | R. Mancomoján, El Carmen de Bolívar |
| | 5 | HJNE | | R. Sintonía, Manizales (Villa María) |
| | 5 | HJVY | | R. Ciudad Flandes, Flandes |
| | 5 | HCHW2 | Ecuador | R. Rey, Quevedo (vf) |
| | 1 | OBX4K | Peru | R. Fortaleza, Barranca |
| | 1/0.25 | CW145 | Uruguay | S.O.D.R.E., Salto |
| | 1.5 | CX46 | | R. América, Montevideo |
| | 5 | YVJJ | Venezuela | R. Landia, Catia La Mar |
| | 5 | YVZQ | | RadioVisión Alegre, Puertos de Altagracia |
| | 10 | YV... | | R. Alto Llano, Santa Bárbara de Barinas |
| 1460 | 1/0.25 | LT29 | Argentina | R. Venado Tuerto, o |
| | 0.25 | LU30 | | R. Maipú, o |
| | 0.1 | LU34 | | R. Pigüé, o |
| | 1 | CP212 | Bolivia | R. Minería, Capinota |
| | 1/0.25 | ZYJ675 | Brazil | R. Ariquemes, o, RO |
| | 1/0.25 | ZYI903 | | R. Cult. de Amarante, o, PI |
| | 1/0.25 | ZYI... | | R. Alvorada do Sertão, São João do Piaui, PI (CP) |
| | 1/0.25 | ZYH616 | | R. Uirapuru, Morada Nova, CE |
| | 1/0.25 | ZYH618 | | R. Cult. de Inhamuns, Tauá, CE |
| | 1/0.25 | ZYH... | | R. Canavieiro, União dos Palmares, AL (CP) |
| 1460 | 1/0.25 | ZYI681 | | R. Jornal de Souza, o, PB |
| | 1/0.25 | ZYH472 | | R. Bahiana de Jequié, Jequié, BA |
| | 1/0.25 | ZYH473 | | R. Jornal de Eunápolis, o, BA |
| | 1/0.25 | ZYL201 | | R. Cult. de Porto Novo, Além Paraíba, MG |
| | 1/0.25 | ZYK516 | | R. Cl. de Osvaldo Cruz, o, SP |
| | 1/0.25 | ZYK548 | | R. Cl. Ararense, Araras, SP |
| | 1/0.25 | ZYK608 | | R. Cult. de Lorena, o, SP |
| | 1/0.25 | ZYK700 | | R. 8 de Agosto, Votuporanga, SP |
| | 1/0.25 | ZYK707 | | R. Universal, São Roque, SP |
| | 1/0.25 | ZYJ204 | | R. Dif. de Paranaguá, o, PR |
| | 1/0.25 | ZYJ206 | | R. Jacarezinho, o, PR |
| | 1/0.25 | ZYJ228 | | R. Central do Paraná, Ponta Grossa, PR |
| | 1/0.25 | ZYJ251 | | R. Cult. de Apucarana, o, PR |
| | 1/0.25 | ZYJ297 | | R. Guaíra ("A Voz das 7 Quedas"), Guaíra, PR |
| | 1/0.25 | ZYJ308 | | R. Amperé, o, PR |
| | 1/0.25 | ZYJ311 | | R. Luz de Clevelândia, Clevelândia, PR |
| | 1/0.25 | ZYJ756 | | R. Sentinela do Vale ("R. Cl. de Gaspar"), Gaspar, SC |
| | 1/0.25 | ZYK311 | | R. Maristela, Torres, RS |
| | 1/0.25 | ZYK312 | | R. Colonial, Três de Maio, RS |
| | 1/0.25 | ZYK316 | | R. Charrua, Uruguaiana, RS |
| | 1/0.25 | ZYI395 | | R. Em. Aruanã, Barra do Garças, MT |
| | 1/0.25 | ZYH749 | | R. Educ. de Uruaçu, o, GO |
| | 1/0.25 | ZYH766 | | R. Morrinhos, o, GO |
| | 1/0.25 | ZYH774 | | R. Independência do Tocantins, Paraíso do Norte de Goiás, GO |
| | 10 | CA146 | Chile | R. Antofagasta, o (vf) |
| | 1 | CB146 | | R. Yungay, Santiago (vf) |
| | 1 | CC146 | | R. Talcahuano, o (ti) |
| | 5 | HJAL | Colombia | R. Sincelejo, o |
| | 1 | HJBA | | La Voz de Pamplona, o |
| | 1 | HJFL | | Atalaya Agustiniana, San Agustín |
| | 5 | HJJH | | R. Ciudad Milagro, Armenia |
| | 5 | HJJW | | Nuevo Continente, Bogotá |
| | 3 | HJMN | | La Voz de Amalfi, o |
| | 1 | HJTF | | Ondas del Darién, Turbo |
| | 1 | HJTS | | R. Monumental, Villa del Rosario (vf) |
| | 5 | HJVH | | R. Multicolor, Barranquilla |
| | 5 | HJZU | | La Voz de la Amistad, Pasto |
| | 1 | HCDR2 | Ecuador | R. Minutera, Pascuales |
| | 5 | HCCL3 | | R. Cariamanga, o |
| | 0.5 | OAX3C | Peru | R. Huánuco, o |
| | 1 | OBX3A | | R. Chimú, Chimbote |
| | 0.5 | OCY4I | | R. 1460, Junín |
| | 2.5 | OAX5K | | R. Internacional, Pisco |
| | 1 | OAX6C | | R. Bahía, Mollendo |
| | 1 | OAZ7W | | R. El Sol de los Andes, Juliaca (vf) |
| | 0.25 | CV146 | Uruguay | R. José Batlle y Ordóñez, o |
| | 1/0.25 | CX146 | | R. Carmelo, o |
| | 10 | YVRJ | Venezuela | R. Jardín, Boconó |
| 1465 | 2.5 | CP152 | Bolivia | R. El Mundo, Sacaba (nf 1495) |
| | 1 | HCLD2 | Ecuador | R. Ecos de Naranjito, o (nf 1470) |
| | 5 | HCIC6 | | R. Nuevos Horizontes, Latacunga |
| | 1 | OAX1V | Peru | R. Sullana ("La Voz de Chira"), Sullana (nf 1460) |

| kHz | kW | Call | Country | Station/Location |
|---|---|---|---|---|
| 1470 | 1/0.5 | LT20 | Argentina | R. Junín, o |
| | 1/0.5 | LT26 | | R. Nuevo Mundo, Colón |
| | 1/0.5 | LT28 | | R. Rafaela, o |
| | 1/0.5 | LU26 | | R. Coronel Dorrego, o |
| | 0.25 | CP215 | Bolivia | R. Cordech, Alcala |
| | 1/0.25 | ZYJ673 | Brazil | R. Rondônia, Cacoal, RO |
| | 1/0.25 | ZYI900 | | R. Dif. Vale do Uruçuí, Uruçuí, PI |
| | 1/0.25 | ZYL247 | | R. Dif. de Ituiutaba, o, MG |
| | 1/0.25 | ZYL294 | | R. Três Pontas, o, MG |
| | 1/0.25 | ZYL... | | R. Cidade, Araxá, MG (CP) |
| | 1/0.25 | ZYI... | | R. São Francisco, Barra do São Francisco, ES (CP) |
| | 1/0.25 | ZYJ476 | | R. Jornal Fluminense, Campos, RJ |
| | 1/0.25 | ZYJ481 | | R. de Barra do Paraí, Barra do Piraí, RJ |
| | 1/0.25 | ZYK510 | | R. Verinha, Vera Cruz (Marília), SP |
| | 1/0.25 | ZYK586 | | R. Cult. de Guaíra, o, SP |
| | 1/0.25 | ZYK599 | | R. Cl. de Jacareí, o, SP |
| | 1/0.25 | ZYK600 | | R. Cult. de Jales, o, SP |
| | 1/0.25 | ZYK632 | | R. Primavera, Porto Ferreira, SP |
| | 1/0.25 | ZYK712 | | R. Jornal de Indaiatuba, Indaiatuba, SP |
| | 1/0.25 | ZYJ294 | | R. Novo Horizonte, Ibaiti, PR |
| | 1/0.25 | ZYJ304 | | R. Jornal de Assis Chateaubriand, Assis Chateaubriand, PR |
| | 1/0.25 | ZYJ327 | | R. Auriverde de Pitanga, Pitanga, PR |
| | 1/0.25 | ZYJ774 | | R. Em. São José, Mafra, SC |
| | 1/0.25 | ZYJ781 | | R. Jornal A Verdade, São José, SC |
| | 1/0.25 | ZYJ798 | | R. Líder do Vale, Herval d'Oeste, SC |
| | 1/0.25 | ZYK219 | | R. Cult. Cacequiense, Cacequi, RS |
| | 1/0.25 | ZYK305 | | Em. Sarandiense, Sarandi, RS |
| | 1/0.25 | ZYK324 | | R. Cinderela, Campo Bom, RS |
| | 1/0.25 | ZYI422 | | Em. Reunidas, Poconé, MT |
| | 1/0.25 | ZYI... | | Soc. R. Itaporã, o, MS (CP) |
| | 1/0.25 | ZYH773 | | R. Dif. Serra dos Cristais, Cristalina, GO |
| | 1/0.25 | ZYH779 | | R. Cidade de Goiás, o, GO |
| | 1 | CB147 | Chile | R. Sargento Aldea, San Antonio |
| | 5 | HJHQ | Colombia | R. Futurama, Pacho (vf) |
| | 1 | HJIF | | R. Tres Fronteras, Puerto Assís |
| | 5 | HJIM | | R. Musical, Medellín |
| | 15 | HJLT | | R. Color, Cali |
| | 5 | HJOD | | R. Rodadero, Santa Marta (nf 1480) |
| | 2 | HJTB | | Ondas de Ibagué, o (vf) |
| | 5 | HCED1 | Ecuador | Ecos de Cayambe, o |
| | 3 | HCUP2 | | R. Olmedo, Babahoyo |
| | 1 | OCX4D | Peru | R. Huancayo, o (vf) |
| | 0.8 | OAX6M | | R. Tacna, o |
| | 1 | OAX7G | | R. Cuzco, o |
| | 1/0.25 | CW147 | Uruguay | R. Tacuarí, Melo |
| | 3 | CX147 | | R. Cristal del Uruguay, Las Piedras |
| | 10 | YVFG | Venezuela | R. Liberación, Carúpano |
| | 10 | YVJW | | R. Latina, Valencia |
| 1475 | 1 | HCBS3 | Ecuador | Ondas del Jubones, Pasaje |
| 1480 | 0.25 | LT39 | Argentina | Em. Victoria, o |
| | 0.25 | LU27 | | R. Dolores, o |
| | 0.5 | CP140 | Bolivia | R. Willy Bendeck, Santa Cruz (vf) |
| | 1/0.25 | ZYH897 | Brazil | R. Itapecuru de Colinas, Colinas, MA |
| | 1/0.25 | ZYH... | | R. Rio Balsas, Balsas, MA |
| 1480 | 1/0.25 | ZYH619 | | R. Rio das Garças, Acaraú, CE |
| | 1/0.25 | ZYH... | | R. Araripe, Campos Sales, CE (CP) |
| | 1/0.25 | ZYJ601 | | R. Princesa do Vale, Açu, RN |
| | 1/0.25 | ZYI790 | | R. A Voz do Sertão, Serra Talhada, PE |
| | 1/0.25 | ZYH475 | | R. Bahiana de Itaberaba, Itaberaba, BA |
| | 1/0.25 | ZYL235 | | Soc. R. Frutal, o, MG |
| | 1/0.25 | ZYL307 | | R. Emboabas de Minas Gerais, Tiradentes, MG |
| | 1/0.25 | ZYL... | | R. Itabira, o, MG (CP) |
| | 1/0.25 | ZYI210 | | R. Cidade, Afonso Cláudio, ES |
| | 1/0.25 | ZYJ488 | | R. Solimões, Nova Iguaçú, RJ |
| | 1/0.25 | ZYK539 | | R. Cl. Altinópolis, o, SP |
| | 1/0.25 | ZYK551 | | R. Atibaia, o, SP |
| | 1/0.25 | ZYK562 | | R. Cl. de Bilac, o, SP |
| | 1/0.25 | ZYK647 | | R. Dif. de Santa Cruz do Rio Pardo, o, SP (nf 1580) |
| | 1/0.25 | ZYJ221 | | R. Piraí do Sul, o, PR |
| | 1/0.25 | ZYJ230 | | R. Astorga, o, PR |
| | 1/0.25 | ZYJ270 | | R. Educ. União da Vitória, o, PR |
| | 1/0.25 | ZYJ302 | | R. Cult. de Iporã, o, PR |
| | 1/0.25 | ZYJ731 | | R. Dif. de Joinville, o, SC |
| | 1/0.25 | ZYJ762 | | R. Dif. 26 de Abril, Imaruí, SC |
| | 1/0.25 | ZYK246 | | R. Garibaldi, o, RS |
| | 1/0.25 | ZYK262 | | R. Salette de Marcelino Ramos, Marcelino Ramos, RS |
| | 1/0.25 | ZYK314 | | R. Soc. Tupanciretã, o, RS |
| | 1/0.25 | ZYK349 | | R. Celeiro, Humaitá, RS |
| | 1/0.25 | ZYI393 | | R. A Voz da Caçula, Três Lagoas, MS |
| | 1/0.25 | ZYI399 | | R. Vale do Taquari, Coxim, MS |
| | 1/0.25 | ZYH... | | R. Cult. Miracema do Norte, o (CP) |
| | 1 | CA148 | Chile | R. Amanecer, Ovalle |
| | 1 | CC148 | | R. Tomé, o |
| | 1 | CD148 | | R. General Baquedaño, Valdivia |
| | 10 | HJFC | Colombia | R. Centinela, Pereira |
| | 5 | HJOA | | Ondas del Muscua, Fomeque |
| | 1 | HJPX | | La Voz de las Estrellas, Cartagena (nf 1470) |
| | 1 | HJTC | | R. Sonsón, o (nf 1490) |
| | 5 | HJTZ | | R. El Sol, Bucaramanga (vf) |
| | 3 | HCJB4 | Ecuador | La Voz de Jipijapa, o |
| | 1 | HCWP5 | | R. Atlántida, Alausí |
| | 0.5 | HCCY6 | | R. Popular de la Mana, La Mana |
| | 0.5 | HCVQ7 | | La Voz de Quijos, Baeza |
| | 1 | ZP20 | Paraguay | R. América, Villeta |
| | 1 | ZP23 | | R. Mariscal Francisco Solano López, Bella Vista |
| | 1.5/ 0.75 | CW43B | Uruguay | R. Internacional, Rivera |
| | 3/1 | CW148 | | Em. Atlántica, Castillos |
| | 1/0.7 | CX148 | | S.O.D.R.E., Young |
| | 20 | YVLU | Venezuela | R. Fé y Alegría Anzoátegui, Campo Meta |
| 1490 | 0.1 | LT42 | Argentina | R. del Iberá, Mercedes |
| | 0.1 | LU25 | | R. Carhué, o |
| | 1/0.25 | LV22 | | R. Huinca Renancó, o |
| | 1 | CP172 | Bolivia | R. San José, o |
| | 0.25 | CP196 | | R. Moxos, San Ignacio Moxos |
| | 0.35 | CP198 | | R. Pedro Domingo Murillo, Quime |
| | 0.25 | CP... | | R. Mairana, o |
| | 1/0.25 | ZYH617 | Brazil | R. Cult. de Aracati, o, CE |

| kHz | kW | Call | Country | Station/Location |
|---|---|---|---|---|
| 1490 | 1/0.25 | ZYI680 | | R. Maringá de Pombal, Pombal, PB |
| | 1/0.25 | ZYH246 | | Em. Rio São Francisco, Penedo, AL |
| | 1/0.25 | ZYH478 | | R. Educ. de Ipiaú, o, BA |
| | 1/0.25 | ZYH... | | Radiodifusão Sertaneja, Brumado, BA (CP) |
| | 1/0.25 | ZYL231 | | R. Cacique de Araguari, Araguari, MG |
| | 1/0.25 | ZYL254 | | R. Paraisópolis, o, MG |
| | 1/0.25 | ZYL... | | R. Matinada, Paraguaçu, MG (CP) |
| | 1/0.25 | ZYJ490 | | R. Jornal, Rio Bonito, RJ |
| | 1/0.25 | ZYK530 | | R. Dif. de Olímpia, o, SP |
| | 1/0.25 | ZYK580 | | R. Nova Dracena, Dracena, SP |
| | 1/0.25 | ZYK583 | | R. Educ. Rural, Fernandópolis, SP |
| | 1/0.25 | ZYK650 | | R. Cl. de Santo André, o, SP |
| | 1/0.25 | ZYK680 | | R. Cult. de Vargem Grande do Sul, o, SP |
| | 1/0.25 | ZYJ210 | | R. Cornélio Procópio, o, PR |
| | 1/0.25 | ZYK217 | | R. Legendaria, Lapa, PR |
| | 1/0.25 | ZYJ300 | | R. Educ. de Marechal Cândido Rondón, o, PR |
| | 1/0.25 | ZYJ757 | | R. Estadual, Ibirama, SC |
| | 1/0.25 | ZYJ791 | | R. Cult. de Xaxim, o, SC |
| | 1/0.25 | ZYK208 | | Radiodifusão Assisense, São Francisco de Assis, RS |
| | 1/0.25 | ZYK225 | | R. Liberdade, Canguçu, RS |
| | 1/0.25 | ZYK309 | | R. Taquara, o, RS |
| | 1/0.25 | ZYI... | | R. Educ. de Colíder, o, MT (CP) |
| | 1/0.25 | ZYI404 | | R. Paiaguas, Glória de Dourados, MS |
| | 1/0.25 | ZYH789 | | R. Soc. Vera Cruz, Goianésia, GO |
| | 1 | CA149 | Chile | R. Alicanto, El Salvador |
| | 1 | CB149 | | R. Chena, San Bernardo |
| | 10 | HJAY | Colombia | Onda Nueva, Barranquilla (vf) |
| | 5 | HJBS | | R. Punto Cinco, Bogotá |
| | 3 | HJCL | | R. Garzón, o |
| | 1 | HJOJ | | La Voz de San Marcos, o |
| | 5 | HJZB | | La Voz de Los Robles, Tuluá |
| | 1 | HCMQ1 | Ecuador | R. Atahualpa, Quito |
| | 1 | HCVY2 | | R. Dinamica, ("La R. Dinamica"), Guayaquil |
| | 0.5 | HCAE4 | | R. Unión, Esmeraldas |
| | 1 | HC..5 | | R. Antena Mariana, Azogues |
| | 0.2 | HCVT7 | | La Voz de Tena, o |
| | 1 | OAX1L | Peru | R. Imperio, Chiclayo |
| | 0.5 | OAX4P | | R. Pasco, Cerro de Pasco |
| | 0.35 | OAZ4F | | R. La Oroya, o |
| | 0.25 | OAX5L | | R. Abancay, o, (ti) |
| | 0.5 | OAX5N | | R. Nazca, o |
| | 5 | OAX6Q | | R. Surperuana, Arequipa |
| | 5 | OCX7P | | R. Em. Frontera, Puno |
| | 1 | OAX8J | | R. Atlántida, Iquitos |
| | 1/0.25 | CV149 | Uruguay | S.O.D.R.E., Baltazar Brum |
| | 5/1 | CX149 | | R. del Oeste, Nueva Helvecia |
| | 2.5 | YVSQ | Venezuela | R. Mérida, o |
| | 5/10 | YV.. | | R. El Sol, Maracaibo |
| 1495 | 3 | HCHW2 | Ecuador | La Voz del Río Vinces, Vinces |
| | 3 | HCWN5 | | R. Puruhá, Riobamba |
| | 0.5 | HCVT6 | | R. Moderna, Pillaro (nf 1490) |
| 1500 | 0.25 | LT22 | Argentina | R. Nueva Era, Pehuajó |
| | 0.25 | LT34 | | R. Nuclear, Zárate |
| | 1/0.5 | LT45 | | R. San Javier, o |
| | 1/0.25 | LV25 | | R. Unión, Bell Ville |
| | 1/0.25 | ZYI... | Brazil | R. Floresta, Tucuruí, PA (CP) |
| 1500 | 1/0.25 | ZYH892 | | R. Jaínara, Bacabal, MA |
| | 1/0.25 | ZYH615 | | R. Maciço, Baturité, CE |
| | 1/0.25 | ZYI779 | | R. Pajeu de Educ. Popular, Afogados da Ingazeira, PE |
| | 1/0.25 | ZYL215 | | R. Montanhesa, Viçosa, MG |
| | 1/0.25 | ZYJ494 | | R. Nacional, Volta Redonda, RJ |
| | 1/0.25 | ZYK626 | | R. Dif. de Pindamonhagaba, o, SP |
| | 1/0.25 | ZYK706 | | R. Vale do Rio Grande, Miguelópolis, SP |
| | 1/0.25 | ZYK736 | | R. Iguatemi, Osasco, SP |
| | 1/0.25 | ZYJ336 | | R. Esperança, Prudentópolis, PR |
| | 1/0.25 | ZYK218 | | R. Caçapava, Caçapava do Sul, RS |
| | 10 | CA150 | Chile | R. Patricio Lynch, Iquique |
| | 0.25 | CC150 | | R. Centenario, San Javier |
| | 1 | CD150 | | R. Tierra de Fuego, Puerto Porvenir |
| | 10 | HJLJ | Colombia | R. Tropical, Cali |
| | 1 | HJMP | | La Voz de Aguachica, o |
| | 5 | HJSH | | Ecos de Ricaurte, Moniquirá |
| | 5 | HJTW | | R. Sumapaz, Fusagasugá |
| | 1 | HJUW | | La Voz de la Feria, Manizales |
| | 5 | HJZH | | R. Disco, Medellín |
| | 3 | HCRO1 | Ecuador | R. Otavalo, o |
| | 3 | HCVE3 | | R. Uno, Santa Rosa |
| | 0.5 | HCAD4 | | R. Satélite, El Carmen |
| | 1.5 | HCOY7 | | Ondas del Río Yacuambi, Municipio de Yacuambi |
| | 10 | OBX4I | Peru | R. Santa Rosa, Lima |
| | 100 | YVNZ | Venezuela | R. Dos Mil, Cumaná |
| | 10 | YVZB | | R. Nal. de Venezuela, Barquisimeto |
| | 0.25 | YVUCV | | R. Univ. Central de Venezuela, Caracas |
| 1508 | 1/0.25 | ZYI391 | Brazil | R. Dif. Paranaibense, Paranaíba, MS (nf 1510) (vf) |
| 1510 | 0.25 | LRH200 | Argentina | R. Chajarí, o |
| | 1/0.25 | LV21 | | R. Champaquí, Villa Dolores |
| | 1 | CP1 | Bolivia | R. Chuquisaca, La Paz (vf) |
| | 10 | CP80 | | R. Litoral, Cochabamba (vf) |
| | 0.25 | CP101 | | R. Suipacha, Villazón |
| | 0.25 | CP102 | | R. 27 de Diciembre, Villa Montes |
| | 0.25 | CP124 | | R. Dif. Ichilo, Villa Busch (nf 1350) |
| | | CP... | | Radiodif. Puerto Suarez, o |
| | 1/0.25 | ZYI... | Brazil | R. Oriente, Redenção (Conceição do Araguaia), PA (CP) |
| | 1/0.25 | ZYI894 | | R. Floriano, o, PI |
| | 1/0.25 | ZYI896 | | R. Progresso, ("R. Araucária"), Corrente, PI |
| | 1/0.25 | ZYI... | | R. Grande Picos, Picos, PI (CP) |
| | 1/0.25 | ZYH608 | | R. Planalto de Ibiapaba, São Benedito, CE |
| | 1/0.25 | ZYJ602 | | R. Centenário, Caraúbas, RN |
| | 1/0.25 | ZYI685 | | R. Educ. de Conceição, o, PB |
| | 1/0.25 | ZYI... | | R. Dif. Vale do Rio Una, São Bento do Una, PE |
| | 1/0.25 | ZYH476 | | R. Educ. Santana de Caetité, Caetité, BA |
| | 1/0.25 | ZYL206 | | R. Cl. de Curvelo, o, MG |
| | 1/0.25 | ZYL216 | | R. Soc. Passos, o, MG |
| | 1/0.25 | ZYL259 | | R. Soc. A Voz de Manhumirim, o, MG |
| | 1/0.25 | ZYL269 | | R. Oliveira, o, MG |

| kHz | kW | Call | Country | Station/Location |
|---|---|---|---|---|
| 1510 | 1/0.25 | ZYL301 | | R. Sete Colinas de Uberaba, Uberaba, MG |
| | 1/0.25 | ZYJ484 | | R. Sucesso, Campos, RJ |
| | 1/0.25 | ZYJ492 | | R. Teresópolis, o, RJ |
| | 1/0.25 | ZYK549 | | R. Centenário, Araras, SP |
| | 1/0.25 | ZYK654 | | R. Cacique, Santos, SP |
| | 1/0.25 | ZYK665 | | R. Cl. de São Manuel, o, SP |
| | 1/0.25 | ZYK710 | | R. Alvorada de Cardoso, Cardoso, SP |
| | 1/0.25 | ZYK711 | | R. Vale do Rio Tietê, José Bonifácio, SP |
| | 1/0.25 | ZYJ215 | | R. Arapongas, o, PR |
| | 1/0.25 | ZYJ216 | | R. Educ. de Wenceslau Braz, o, PR |
| | 1/0.25 | ZYJ239 | | R. Cultural, Irati, PR |
| | 1/0.25 | ZYJ764 | | R. Jaraguá, Jaraguá do Sul, SC |
| | 1/0.25 | ZYJ770 | | R. Dif. de Lages, o, SC |
| | 1/0.25 | ZYJ795 | | R. Centro Oeste, Pinhalzinho, SC |
| | 1/0.25 | ZYI... | | R. Jornal de Cáceres, o, MT (CP) |
| | 1/0.25 | ZYI396 | | R. Cidade de Maracaju, Maracaju, MS |
| | 1/0.25 | ZYH770 | | R. Goiatuba, o, GO |
| | 1/0.25 | ZYH771 | | R. Eldorado, Mineiros, GO |
| | 1/0.25 | ZYH... | | R. Soc. de Ceres, o, GO (CP) |
| | 1 | CC151 | Chile | R. Rancagua, o |
| | 1 | CD151 | | R. Teniente Merino, Lebú |
| | 1 | HJHX | Colombia | La Voz Panamericana, Floridablanca (Bucaramanga) |
| | 5 | HJUH | | La Voz de Ciénaga, o |
| | 1 | HJVY | | R. Armero, o |
| | 5 | HJZA | | R. Estrella, Armenia |
| | 5 | HCDC1 | Ecuador | R. Iris, Quito |
| | 1 | HC...2 | | R. Armada Nacional, Guayaquil |
| | 0.5 | HCRC5 | | La Voz de la Juventud, Cañar |
| | 1 | HCRY6 | | R. Runacunapac Yachana Huasi, Simiatug |
| | 3 | HCVL7 | | R. Ecos del Oriente, Lago Agrio |
| | 0.3 | OCX4B | Peru | R. Fessa, Cañete |
| | 3 | OCX4J | | R. Tarma, o |
| | 1 | OBX7P | | R. El Sur, Cuzco |
| | | O..9. | | R. Colonial, Nuevo Cajamarca |
| | 0.25 | CW57 | Uruguay | R. San Carlos, o |
| | 0.25 | CW151 | | R. Ibirapitá, San Gregorio de Polanco |
| | 0.25 | CX151 | | R. Rincón, Fray Bentos (vf) |
| 1520 | 0.25 | LRI252 | Argentina | Chascomús (CP) |
| | 1 | LT37 | | Em. Rufino, o |
| | 0.25 | LT38 | | R. Gualeguay, o |
| | 1 | CP179 | Bolivia | R. El Espectador, Santa Cruz |
| | 0.25 | CP207 | | La Voz de Cobre, Coro Coro |
| | 1/0.25 | ZYH899 | Brazil | R. Ribamar, Pindaré-Mirim, MA |
| | 1/0.25 | ZYL208 | | R. Correio da Serra, Barbacena, MG |
| | 1/0.25 | ZYL245 | | R. Cl. de Itaúna, o, MG |
| | 1/0.25 | ZYL273 | | R. Uberlândia, o, MG |
| | 1/0.25 | ZYL300 | | R. Estância, São Lourenço, MG |
| | 1/0.25 | ZYL315 | | R. Pontal do Triângulo Mineiro, Iturama, MG |
| | 5/0.5 | ZYJ491 | | R. Mauá, Rio de Janeiro (São João do Meriti), RJ |
| | 1/0.25 | ZYK595 | | R. Cl. de Itapeva, o, SP |
| | 1/0.25 | ZYK614 | | R. Diário de Mogi, Mogi das Cruzes, SP |
| | 1/0.25 | ZYK627 | | Pinhal R. Cl., Pinhal (Espirito Santo do Pinhal), SP |
| 1520 | 1/0.25 | ZYJ218 | | R. Antoniense, Antonina, PR |
| | 1/0.25 | ZYJ287 | | R. Ubá, Ivaiporã, PR |
| | 1/0.25 | ZYJ292 | | R. Cult. Palotinense, Palotina, PR |
| | 1/0.25 | ZYJ743 | | R. Caçanjurê, Caçador, SC |
| | 1/0.25 | ZYJ758 | | R. Dif. de Imbituba, o, SC |
| | 1/0.25 | ZYJ806 | | R. Cult. de Timbo, o, SC |
| | 1/0.25 | ZYK217 | | R. Vale do Jacuí ("R. Jornal do Comercio"), Cachoeira do Sul, RS |
| | 1/0.25 | ZYK308 | | R. Tapense, Tapes, RS |
| | 1/0.25 | ZYK323 | | R. Diplomata, São Marcos, RS |
| | 1/0.25 | ZYK326 | | R. Nonoaí, o, RS |
| | 1/0.25 | ZYK347 | | R. Maratan, Santana do Livramento, RS |
| | 5/0.25 | ZYI... | | R. Dif. de Barra do Garças, o, MT (CP) |
| | 1/0.25 | ZYI405 | | R. Jornal, Amambaí, MS |
| | 1/0.25 | ZYI... | | R. Guaratinga, Rio Verde do Mato Grosso, MS (CP) |
| | 1/0.25 | ZYH772 | | R. Santalenense, Santa Helena de Goiás, GO |
| | 1 | CC152 | Chile | R. Nueva Soberanía, Linares |
| | 0.1 | CD152 | | R. Aníbal Pinto, Lautaro |
| | 1 | HJAM | Colombia | R. Altamizal, Dolores |
| | 5 | HJLI | | R. Latina, Bogotá |
| | 1 | HJLQ | | R. Minuto, Barranquilla (nf 1570) |
| | 10 | HJLS | | CARACOL Popayán, o |
| | 5 | HJMA | | La Voz del Suroeste, Jericó |
| | 1 | HJMZ | | Ecos de la Sierra Flor, Sincelejo |
| | 1 | HCTI1 | Ecuador | R. Ibarra, o |
| | 3 | HCJJ2 | | R. Punto Verde, Quevedo |
| | 2.5 | HCRI5 | | La Voz de Guamote, o |
| | 1 | OAX1C | Peru | R. Délcar, Chiclayo |
| | 0.5 | OAZ4D | | R. Minería, La Oroya |
| | 5 | OBX4D | | R. Reloj, Lima (vf) |
| | 0.1 | CV152 | Uruguay | R. Guichón, o |
| | 2 | CX152 | | R. Cerro Largo, Melo |
| | 10 | YVIC | Venezuela | R. Bonita La Guapa, Guatire |
| | 5/10 | YV.. | | R. Simpatía, Valera (CP) |
| 1523 | 0.35 | HCEB4 | Ecuador | R. Manta, o (nf 1520) (vf) |
| 1530 | 0.25 | LRJ200 | Argentina | R. Centro de Morteros, Morteros |
| | 1 | CP111 | Bolivia | Radioemisora Ballivián, San Borja |
| | 0.25 | CP200 | | R. Litoral, Llica |
| | 1/0.25 | ZYH604 | Brazil | R. Educ. Jaguaribana, Limoeiro do Norte, CE |
| | 1/0.25 | ZYJ603 | | R. Curimataú de Nova Cruz, Nova Cruz, RN |
| | 1/0.25 | ZYI781 | | R. Bituri, Belo Jardim, PE |
| | 1/0.25 | ZYH479 | | R. Cult. de Guanambi, o, BA |
| | 1/0.25 | ZYL232 | | R. Cult. de Dores do Indaiá, o, MG |
| | 1/0.25 | ZYL280 | | R. Cl. de Pouso Alegre, o, MG |
| | 1/0.25 | ZYL. . . | | R. Cult. de Diamantina, o, MG |
| | 1/0.25 | ZYJ502 | | R. Princesinha do Norte, Miracema, RJ |
| | 1/0.25 | ZYK677 | | R. Brasil, Tupi Paulista, SP |
| | 1/0.25 | ZYK683 | | R. Noticias de Tatuí, Tatuí, SP |
| | 1/0.25 | ZYK698 | | R. Jornal de Nhandeara, o, SP |
| | 1/0.25 | ZYK709 | | R. Costa Azul, Ubatuba, SP |
| | 1/0.25 | ZYJ202 | | R. Cult. de Cambará, o, PR |

| kHz | kW | Call | Country | Station/Location |
|---|---|---|---|---|
| 1530 | 1/0.25 | ZYJ203 | | R. Dif. União, União da Vitória, PR |
| | 1/0.25 | ZYJ312 | | R. Cl. de Realeza, o, PR |
| | 1/0.25 | ZYJ321 | | R. Regional de Cianorte, Cianorte, PR |
| | 1/0.25 | ZYJ761 | | R. Dif. Itajaí, o, SC |
| | 1/0.25 | ZYJ780 | | R. Dif. São Joaquim, o, SC |
| | 1/0.25 | ZYJ796 | | R. Porto Feliz, Mondaí, SC |
| | 1/0.25 | ZYK228 | | R. Cruz Alta, o, RS |
| | 1/0.25 | ZYK235 | | R. Sulina, Dom Pedrito, RS |
| | 1/0.25 | ZYK300 | | R. Progresso, São Leopoldo, RS |
| | 1/0.25 | ZYK304 | | R. Tapejara, o, RS |
| | 1/0.25 | ZYK... | | R. Itaqui, o, RS |
| | 1/0.25 | ZYI398 | | R. Uberlim de Fátima do Sul, Fátima do Sul, MS |
| | 1/0.25 | ZYH790 | | R. Cultural do Araguaia, Jussara, GO |
| | 1 | CA153 | Chile | R. Juan Godoy, Copiapó |
| | 1 | CB153 | | R. San Martín, Quillota |
| | 1 | CC153 | | R. El Carbón, Lota |
| | 1 | HJDN | Colombia | R. Rumbos, Medellín |
| | 5 | HJGD | | Reina de Colombia, Chiquinquirá |
| | 1 | HJJB | | R. Sevilla, o |
| | 5 | HJOZ | | La Voz de la P. de Padilla, San Juan del Cesar |
| | 1 | HJPE | | Ritmos de Melgar, Melgar |
| | 1 | HCJY1 | Ecuador | R. Uno, Concordia |
| | 1.5 | HCMC2 | | La Voz de la Península, La Libertad (vf) |
| | 10 | HCAN3 | | Ondas de Loja, La Toma |
| | 5 | HCHG3 | | R. El Sol, Machala (nf 1540) (vf) |
| | 0.25 | HCNL4 | | La Voz de San Lorenzo, o |
| | 5 | HCCC5 | | Ondas Cañaris, Azogues |
| | 1 | HCMZ6 | | La Voz del Dorado, Pelileo |
| | 10 | OAZ2A | Peru | R. Los Andes, Huamachuco |
| | 1 | OBZ4S | | R. La Voz Quince Cincuenta ("La Nueva Voz del Centro"), Huancayo |
| | 2 | OAX5F | | R. La Voz de Nazca, o (nf 1510) |
| | 0.25 | CW153 | Uruguay | Em. Cono Sur, Nueva Palmira |
| | 1.2/ 0.25 | CX50 | | R. Independencia, Montevideo (vf) |
| | 5/10 | YVNP YV.. | Venezuela | R. San Felipe, o R. Sur, Puerto Ordaz |
| 1535 | 0.5 | HCMH6 | Ecuador | Organización Radiofónica del Cotopaxi, Latacunga |
| 1540 | 0.25 | LT35 | Argentina | R. Mon, Pergamino |
| | 0.25 | LU28 | | R. Tuyú, General Madariaga |
| | 1/0.25 | ZYJ677 | Brazil | R. Morimoto, Ji-Paraná, RO |
| | 1/0.25 | ZYI. . . | | Rede de Em. Unidas da Ilha de Marajó, São Sebastião da Boa Vista, PA (CP) |
| | 1/0.25 | ZYH611 | | R. Sant'Ana de Tianguá, Tianguá, CE |
| | 1/0.25 | ZYH... | | R. Guarany, Pacajus, CE(CP) |
| | 1/0.25 | ZYH462 | | R. Cl. de Valença, o, BA |
| | 1/0.25 | ZYL226 | | R. Cl. de Minas Gerais, Conselheiro Lafaiete, MG |
| | 1/0.25 | ZYL293 | | R. Tropical, Três Corações, MG |
| | 1/0.25 | ZYJ456 | | R. Três Rios, o, RJ |
| | 1/0.25 | ZYK514 | | R. Cult. de Leme, o, SP |
| | 1/0.25 | ZYK564 | | R. Em. de Botucatu, o, SP |
| | 1/0.25 | ZYK723 | | R. Dif. Oeste, Osasco, SP |

| kHz | kW | Call | Country | Station/Location |
|---|---|---|---|---|
| 1540 | 1/0.25 | ZYJ276 | | R. Bom Jesús, ("RBJ-O Som Lider Norte Pioneiro"), Siqueira Campos, PR |
| | 1/0.25 | ZYJ773 | | R. Soc. Cruz de Malta, Lauro Müller, SC |
| | 1/0.25 | ZYJ803 | | R. Capinzal, o, SC |
| | 1/0.25 | ZYK297 | | R. Santiago, o, RS |
| | 1/0.25 | ZYH760 | | R. Jornal de Inhumas, o, GO |
| | 1 | CB154 | Chile | R. Sudaméricana, Santiago |
| | 0.25 | CD154 | | R. San José de Alcudia, Río Bueno |
| | 2 | HJHD | Colombia | La Voz del Petróleo, Barrancabermeja (vf) |
| | 1 | HJRQ | | R. Austral, Túquerres |
| | 5 | HJZF | | R. Cóndor, Manizales |
| | 1 | HCPV1 | Ecuador | R. Mira, o |
| | 0.45 | HCFM2 | | R. Cristal, Ventanas |
| | 1 | HCVB7 | | La Voz del Upano, Sucúa |
| | 1 | OBX1B | Peru | La Voz de la Frontera, Tumbes |
| | 1 | OBX2B | | R. Star, Trujillo |
| | 0.5 | OBX4N | | R. Corporación, Cerro de Pasco |
| | 1 | OBZ4U | | R. Barranca, o |
| | 0.1 | CV154 | Uruguay | R. Centro, Cardona |
| | 0.1 | CW154 | | R. Charrúa, Paysandú |
| | 0.25 | CX154 | | R. Olimar, Treinta y Tres |
| 1542 | | | Peru | R. Camana, o |
| 1545 | 0.35 | CP191 | Bolivia | R. Mejillones, Tarata |
| | 10 | HCDP1 | Ecuador | R. Caracol, Quito |
| | 0.5 | OAX9X | Peru | R. Visión, Juanjuí (nf 1520) |
| 1550 | 0.25 | LT23 | Argentina | R. San Jenaro Norte, o |
| | 0.25 | LT32 | | R. Chivilcoy, o |
| | 0.25 | LT40 | | R. La Voz de La Paz, o |
| | 1 | CP50 | Bolivia | R. Pio Doce, Siglo Veinte |
| | 5 | CP115 | | Radioemisoras Caranavi, o |
| | 1 | CP205 | | Tamengo Radiodifusión, Puerto Quijarro |
| | 1/0.25 | ZYJ... | Brazil | R. Gazeta d'Oeste, Areia Branca, RN (CP) |
| | 1/0.25 | ZYI684 | | R. Princesa Isabel, o, PB |
| | 1/0.25 | ZYH461 | | R. Regional, Vitória da Conquista, BA |
| | 1/0.25 | ZYL211 | | R. Cult. de Monte Carmelo, o, MG |
| | 1/0.25 | ZYL222 | | R. Dif. de Carmo do Rio Claro, o, MG |
| | 1/0.25 | ZYL271 | | R. Cult. Rio Branco, Visconde do Rio Branco MG |
| | 1/0.25 | ZYL289 | | R. Dif. Santarritense, Santa Rita do Sapucaí, MG |
| | 1/0.25 | ZYL317 | | R. Piraporã, o, MG |
| | 1/0.25 | ZYL... | | R. Divinópolis, o, MG (CP) |
| | 1/0.25 | ZYJ479 | | R. Imperial, Petrópolis, RJ |
| | 1/0.25 | ZYK501 | | R. Cl. de Itaré, o, SP |
| | 1/0.25 | ZYK512 | | R. Cl. Marconi, Paraguaçu Paulista, SP |
| | 1/0.25 | ZYK572 | | R. Cacique, Capivari, SP |
| | 1/0.25 | ZYK590 | | R. Guarujá Paulista, Guarujá, SP |
| | 1/0.25 | ZYK626 | | R. Cult. de Pederneiras, o, SP |
| | 1/0.25 | ZYK659 | | R. São Joaquim, São Joaquim da Barra, SP |
| | 1/0.25 | ZYK. . . | | R. Cidade Auriflama, Auriflama, SP (CP) |
| | 1/0.25 | ZYJ207 | | R. Dif. Apucarana, o, PR |
| | 1/0.25 | ZYJ303 | | R. Pioneira de Formosa, Formosa d'Oeste, PR |
| | 1/0.25 | ZYJ315 | | R. Cristal, Marmeleiro, PR |
| | 1/0.25 | ZYJ734 | | R. Araranguá, o, SC |
| | 1/0.25 | ZYJ783 | | R. Cl. de São João Batista, o, SC |

| kHz | kW | Call | Country | Station/Location |
|---|---|---|---|---|
| 1550 | 1/0.25 | ZYJ805 | | R. Continental, Coronel Freitas, SC |
| | 1/0.25 | ZYJ... | | R. Alvorada, Santa Cecília, SC (CP) |
| | 1/0.25 | ZYK259 | | R. Cacique, Lagoa Vermelha, RS |
| | 1/0.25 | ZYK286 | | R. Marajá, Rosário do Sul, RS |
| | 1/0.25 | ZYK295 | | R. Noroeste, Santa Rosa, RS |
| | 1/0.25 | ZYK331 | | R. Planetário, Espumoso, RS |
| | 0.25 | CB155 | Chile | R. Provincial, Putaendo |
| | 1 | CC155 | | R. Manuel Rodríguez, San Fernando |
| | 0.25 | CD155 | | R. Regional, Traiguén |
| | 5 | HJCB | Colombia | R. Exito ("La Voz Porteña"), Barranquilla |
| | 5 | HJGY | | R. Foro Popular, Lorica |
| | 5 | HJNT | | R. 24, Cali |
| | 1 | HJQD | | R. Reloj del Quindío, Calarcá |
| | 5 | HJZI | | R. Fantasía, Bogotá |
| | 1 | HJZX | | R. Copacabana, o |
| | 0.15 | HCAD2 | Ecuador | La Voz de El Triunfo, o |
| | 1 | HCAB5 | | La Voz de Chaguarurco, Santa Isabel |
| | 0.5 | HCEI6 | | R. Cosmopolita, Ambato |
| | 1 | HCRA7 | | R. Amazonas, El Chaco |
| | 0.1 | OBX4P | Peru | R. Independencia, Lima |
| | 0.5 | OBX5J | | R. San Cristóbal de Huamanga, Ayacucho |
| | 1 | OCX7A | | R. Cult. de Puno, o |
| | 1 | OAX9R | | R. Moyobamba, o |
| | 1/0.25 | CV155 | Uruguay | R. Agraciada, Mercedes |
| | 0.25 | CW155 | | R. Sarandí del Yi, o |
| | 10 | YVMM | Venezuela | R. Metropolitana, Los Teques |
| 1555 | 2 | HCTR3 | Ecuador | La Voz del Guabo, El Guabo |
| 1560 | 1/0.25 | LT11 | Argentina | R. General Francisco Ramirez, Concepción del Uruguay |
| | 0.25 | LT33 | | R. Nueve de Julio, o |
| | 0.25 | CP156 | Bolivia | R. 18 de Mayo, Vinto |
| | 1/0.25 | ZYH622 | Brazil | R. Dif. Vale do Curu, Pentecoste, CE |
| | 1/0.25 | ZYJ... | | R. Cult. d'Oeste, Pau dos Ferros, RN (CP) |
| | 1/0.25 | ZYI... | | R. Conecista de Picuí, Picuí, PB (CP) |
| | 1/0.25 | ZYH466 | | R. Educ. de Santo Amaro, o, BA |
| | 1/0.25 | ZYL209 | | R. Cult. d'Oeste, Lavras, MG |
| | 1/0.25 | ZYL256 | | R. Leopoldina, o, MG |
| | 1/0.25 | ZYI208 | | R. Carioca de Guarapari, Guarapari, ES |
| | 1/0.25 | ZYJ501 | | R. Comunicadora Grande Rio, Itaguaí, RJ |
| | 1/0.25 | ZYK571 | | R. Em. de Campos do Jordão, o, SP |
| | 1/0.25 | ZYK725 | | R. Cidade, Pedreira, SP |
| | 1/0.25 | ZYJ275 | | R. Capanema, o, PR |
| | 1/0.25 | ZYJ319 | | R. Guaraniaçu, o, PR |
| | 1/0.25 | ZYJ784 | | R. Dif. Carijós, São Francisco do Sul, SC |
| | 1/0.25 | ZYJ797 | | R. Educ. de Taió, o, SC |
| | 1/0.25 | ZYJ809 | | R. Progresso, Descanso, SC |
| | 1/0.25 | ZYK282 | | R. Quaraí, o, RS |
| | 1/0.25 | ZYK310 | | R. Açoriana, Taquari, RS |
| | 1/0.25 | ZYK333 | | R. Prata, Nova Prata, RS |
| | 1/0.25 | ZYK352 | | R. Encruzilhadense, Encruzilhado do Sul, RS |
| | 1/0.25 | ZYK... | | R. Blau Nunes, Santa Bárbara do Sul, RS (CP) |
| | 1/0.25 | ZYH768 | | R. Dif. Rio Verde, o, GO |
| | 1/0.25 | ZYH777 | | R. Cristã Educativa, Pires do Rio, GO |
| 1560 | 1 | CB156 | Chile | R. Manantial, Talagante |
| | 1 | CD156 | | R. Turismo Internacional, Villarica |
| | 5 | HJCP | Colombia | R. Galaxia, Arbelaéz |
| | 1 | HJHE | | Voces Rovirences, Málaga |
| | 5 | HJLP | | R. El Sol, Tuluá (vf) |
| | 1 | HJPZ | | R. Codazzi, o |
| | 5 | HJXZ | | Em. El Poblado, Poblado (Medellín) |
| | 1.5 | HCZD1 | Ecuador | Ecos Culturales, Urcuquí |
| | 0.5 | HCCS2 | | R. Sideral, Daule |
| | 0.5 | HCAI5 | | R. Cumandá, Colta |
| | 5 | HCVI5 | | R. La Voz de Ingapirca, Cañar |
| | 1 | OAX2X | Peru | R. Primavera, Trujillo |
| | 1 | OCX4F | | R. Mundo, Huancayo |
| | | O..2. | | R. Acunta, Chota |
| | 1/0.25 | CV156 | Uruguay | R. Vichadero, o |
| | 2 | CW51 | | R. Maldonado, o |
| | 0.1 | CX156 | | Dif. Americana, Trinidad |
| | 5 | YV... | Venezuela | R. Mar, Puerto La Cruz |
| | 1 | YV... | | Exito 15-60, Mérida |
| | 5/10 | YV. . | | R. Ejecutivo Trujillo, Trujillo (CP) |
| 1565 | 1 | CA156 | Chile | R. Parinacota, Putre (nf 1560) |
| 1570 | 1/0.5 | LRI229 | Argentina | R. Em. Cóndor, Las Flores |
| | 1 | CP132 | Bolivia | R. Continental, La Paz |
| | 0.3 | CP... | | R. Urkupiña, Quillacollo |
| | 1/0.25 | ZYH... | Brazil | R. Cult. Rio Jordão, Coroatá, MA (CP) |
| | 1/0.25 | ZYH621 | | R. Sertão Central, Senador Pompeu, CE |
| | 1/0.25 | ZYI... | | R. Asa Branca, Salgueiro, PE (CP) |
| | 1/0.25 | ZYL203 | | R. Cult. de Alfenas, o, MG |
| | 1/0.25 | ZYL260 | | R. Cult. de Uberlândia, o, MG |
| | 1/0.25 | ZYJ493 | | R. Cl. de Valença, o, RJ |
| | 1/0.25 | ZYJ498 | | R. Dif. do Vale do Itabapoana, ("R. Bom Jesus"), Bom Jesus de Itabapoana, RJ |
| | 1/0.25 | ZYK552 | | R. Avaré, o, SP |
| | 1/0.25 | ZYK605 | | R. Junqueirópolis, o, SP |
| | 1/0.25 | ZYK651 | | R. Em. A.B.C., Santo André, SP |
| | 1/0.25 | ZYK667 | | R. Nossa Senhora do Socorro, Socorro, SP |
| | 1/0.25 | ZYK670 | | R. Cl. de Tanabi, o, SP |
| | 1/0.25 | ZYJ223 | | R. Atalaia, Guarapuava, PR |
| | 1/0.25 | ZYJ288 | | R. Educ. de Dois Vizinhos, o, PR |
| | 1/0.25 | ZYJ322 | | R. Flor do Café, Borrazópolis, PR |
| | 1/0.25 | ZYJ324 | | R. Brasileira, Bela Vista do Paraíso, PR |
| | 1/0.25 | ZYJ777 | | R. Rio Negrinho, o, SC |
| | 1/0.25 | ZYJ789 | | R. Videira, o, SC |
| | 1/0.25 | ZYJ811 | | R. Dif. de Içara, o, SC |
| | 1/0.25 | ZYJ812 | | R. São Carlos, o, SC |
| | 1/0.25 | ZYI409 | | R. Caarapó, o, MS |
| | 1/0.25 | ZYI... | | R. Aparecida, Aparecida do Tabuado, MS |
| | 1/0.25 | ZYI... | | R. Patriarca, Cassilândia, MS (CP) |
| | 1/0.25 | ZYH... | | R. Itaberaí, o, GO (CP) |
| | 1/0.25 | ZYH... | | R. Mantiqueira, Niquelândia, GO (CP) |
| | 0.1 | CB157 | Chile | R. Transandina, Los Andes |
| | 1 | CC157 | | Nueva R. Libertador Bernardo O'Higgins, Rancagua |
| | 0.25 | CD157 | | R. Acuarela, Nueva Imperial |
| | 1 | HJZT | Colombia | La Voz de los Fundadores, Manizales |

| kHz | kW | Call | Country | Station/Location |
|---|---|---|---|---|
| 1570 | 10 | HCPG1 | Ecuador | R. Nucanchi, P.V. Maldonado |
| | 2 | HCVJ3 | | La Voz de la Juventud, Pasaje |
| | 10 | HCEP5 | | Escuelas Radiofónicas Populares, Riobamba (nf 710) |
| | 0.5 | HC..7 | | Ondas Ecuatorianas, Sucúa |
| | 0.1 | CW157 | Uruguay | R. Young, o |
| | 0.5 | CW157A | | S.O.D.R.E., Tomás Gomensoro |
| | 1 | CX157 | | R. Canelones, o |
| | 1 | YV.. | Venezuela | R. Guarapiche, Maturín |
| 1580 | 0.25 | LT27 | Argentina | R. La Voz del Montiel, Villaguay |
| | 0.25 | LT36 | | R. Chacabuco, o |
| | 0.1 | CP166 | Bolivia | R. Llallagua, o |
| | 1/0.25 | ZYI898 | Brazil | R. Irapuá, Floriano, PI |
| | 1/0.25 | ZYI. . . | | R. Cult. de São José do Egito, o, PE (CP) |
| | 1/0.25 | ZYH464 | | R. Em. Radiovox, Muritiba, BA |
| | 1/0.25 | ZYL284 | | R. Paranaiba, Rio Paranaiba, MG |
| | 1/0.25 | ZYL290 | | R. Cult. de Santos Dumont, o, MG |
| | 1/0.25 | ZYL324 | | R. Sacramento, o, MG |
| | 1/0.25 | ZYL329 | | R. Educ. de Espinosa, o, MG |
| | 1/0.25 | ZYI209 | | R. Educ. de Afonso Cláudio, o, ES |
| | 1/0.25 | ZYK504 | | R. Dif. de Amparo, o, SP |
| | 1/0.25 | ZYK554 | | R. Em. da Barra, Barra Bonita, SP |
| | 1/0.25 | ZYK563 | | R. Cl. de Biriguí, o, SP |
| | 1/0.25 | ZYJ293 | | R. Najuá de Irati, Irati, PR |
| | 1/0.25 | ZYJ307 | | R. Independência de Medianeira, o, RS |
| | 1/0.25 | ZYK237 | | R. Encantado, o, RS |
| | 1/0.25 | ZYK258 | | R. 14 de Julho, Júlio de Castilhos, RS |
| | 1/0.25 | ZYK335 | | R. Sananduva, o, RS |
| | 1/0.25 | ZYK339 | | R. Dif. Fronteira, Arroio Grande, RS |
| | 1/0.25 | ZYI415 | | R. Laguna, Jardim, MS |
| | 1/0.25 | ZYH775 | | R. Rio Claro, Iporá, GO |
| | 0.25 | CA158 | Chile | R. Guacolda, Huasco |
| | 0.25 | CC158 | | R. Colchagua, Santa Cruz |
| | 0.5 | CD158A | | R. Millaray, Cañete |
| | 0.5 | CD158B | | R. Continental, Collipulli |
| | 1 | HJLC | Colombia | La Voz del Banco, El Banco |
| | 1 | HJNN | | R. Zulima, Villa del Rosario |
| | 1 | HJOE | | R. Miraflores, Rovira |
| | 1 | HJOT | | R. Cachaca, Bogotá |
| | 1 | HJQZ | | La Voz de las Estrellas, Barranquilla |
| | 5 | HJRM | | R. Costanera, Sincelejo |
| | 5 | HJSQ | | R. Robledo, Cartago |
| | 1 | HCLF1 | Ecuador | Ecos de Orellana, Machachi |
| | 2 | HCHA2 | | R. Novedades, Durán |
| | 0.25 | HCAD3 | | Ondas de Paltas, Catacocha |
| | 1.5 | HCVA4 | | La Estación de la Alegría, Esmeraldas |
| | 5 | HCTP5 | | Ecos del Portete, Girón |
| 1580 | 1 | OAX2H | Peru | R. Tayabamba, o |
| | 2 | OAX5M | | R. Huancavelica, o |
| | 1 | OBX7Q | | R. Triunfo, Cuzco |
| | 0.25 | CV158 | Uruguay | S.O.D.R.E., Pororó |
| | 0.5 | CW54 | | Em. del Este, Minas |
| | 0.25 | CW158 | | R. San Salvador, Dolores |
| | 0.5 | CX158 | | S.O.D.R.E., Tranqueras |
| | 5/10 | YV.. | Venezuela | R. Diocesis de Calabozo, Calabozo (CP) |
| 1585 | 1 | CP135 | Bolivia | Radiodifusoras La Voz del Valle, Punata |
| 1590 | 0.25 | CP118 | | R. Eduardo Abaroa ("R.E.A."), Villa 16 de Julio de El Alto |
| | 0.25 | CP155 | | R. Bermejo, o |
| | 1/0.25 | ZYL224 | Brazil | R. Congonhas, o, MG |
| | 1/0.25 | ZYL234 | | R. Cl. de Fronteira, o, MG |
| | 1/0.25 | ZYJ485 | | R. Dif. Duque de Caxias, o, RJ |
| | 1/0.25 | ZYJ290 | | R. Cult. de Andirá, o, PR |
| | 1/0.25 | ZYJ296 | | R. Havaí, Capitão Leônidas Marques, PR |
| | 1/0.25 | ZYJ316 | | R. Cl. de Faxinal, o, PR |
| | 1/0.25 | ZYJ801 | | R. Ituporanga ("R. Jornal A Região"), Ituporanga, SC |
| | 1/0.25 | ZYJ814 | | R. Imigrantes, Turvo, SC |
| | 1/0.25 | ZYJ... | | R. Planalto, Major Vieira, SC (CP) |
| | 1/0.25 | ZYK281 | | R. Navegantes, Porto Lucena, RS |
| | 1/0.25 | ZYK332 | | R. Independência, Cruz Alta, RS |
| | 1/0.25 | ZYI403 | | R. Independência, Eldorado, MS |
| | 1/0.25 | ZYH750 | | R. Cult. de Catalão, o, GO |
| | 0.25 | CB159 | Chile | R. Aconcagua, San Felipe |
| | 0.25 | CC159 | | R. Rengo, o |
| | 0.1 | CC159 | | R. El Roble, Parral |
| | 5 | HJIP | Colombia | R. Metropolitana, Envigado (Medellín) |
| | 1 | HJJQ | | R. Zarzal, o (vf) |
| | 1 | HCRZ1 | Ecuador | R. Mensaje, Tabacundo |
| | 0.5 | HCAS2 | | R. Record, La Libertad |
| | 1 | HCCS6 | | La Voz de La Mana, o |
| | 5 | OAZ4Z | Peru | R. Agricultura del Perú, Lima |
| | 1 | OBX5C | | R. Esmeralda, Huanta |
| | 0.15 | CV159 | Uruguay | R. Regional, Constitución |
| | 0.25 | CW159 | | R. Regional, Lascano |
| | 3 | CX159 | | R. Real, Colonia |
| | 0.1 | CX159A | | R. Paso de los Toros, o |
| 1595 | 1 | HCTI6 | Ecuador | R. Panamericana, Quero |
| 1600 | 0.25 | LRH252 | Argentina | Reconquista (CP) |
| | 0.5 | CP153 | Bolivia | R. Continental, Punata |
| | 0.25 | CB160A | Chile | R. Chronos, Santiago |
| | 0.25 | CB160B | | R. Reloj, Viña del Mar |
| | 0.25 | CC160 | | R. Reloj, Concepción |
| | 1 | HJKF | Colombia | Armonías Zipaquireñas, Zipaquirá |
| | 5 | HJSP | | R. Soratama, Pereira |
| | | HJ.. | | R. Tiempo, Barranquilla |
| | 5 | HCUP1 | Ecuador | R. Unión, Quito |
| | 2 | HCJP2 | | R. Consular, El Empalme |
| | 3 | HCPB5 | | R. Intiñán, Girón |
| | 1/0.5 | CV160 | Uruguay | Em. Continental, Pando |
| | 0.25 | CW160 | | R. Tacuarembó, o (vf) |
| | 0.5 | CX160 | | R. Litoral, Fray Bentos |

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# SHORTWAVE STATIONS OF THE WORLD

**Compiled by Rikard Johansson, Malmö, Sweden.**

NOVEMBER 1, 1984

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For Callsigns please refer to respective countries.
Exact power is not known of stations in China and RFE/RL transmitters. For more information on USSR sites and estimated powers, please refer to USSR section. For freqs of the various USSR External Sces, see Last Minute Information.
**Abbreviations:** DR = Democratic Republic: GDR = German Democratic Republic; RFE/RL = R. Free Europe/R. Liberty with trs in Germany (Fed. Rep), Portugal and Spain; SSB = Single Side Band; Ven = Venezuela; S = Seasonal frequency; v = Varying frequency.

# CONVERSION TABLE

**Frequency kHz = Wavelength meters**

| kHz | m | kHz | m | kHz | m | kHz | m | kHz | m | kHz | m | kHz | m |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2300 | 130.4 | 6170 | 48.62 | 9545 | 31.43 | 11750 | 25.53 | 15155 | 19.80 | 15440 | 19.43 | 21515 | 13.94 |
| 2400 | 125.0 | 6175 | 48.58 | 9550 | 31.41 | 11755 | 25.52 | 15160 | 19.79 | 15445 | 19.42 | 21520 | 13.94 |
| 2500 | 120.0 | 6180 | 48.54 | 9555 | 31.40 | 11760 | 25.51 | 15165 | 19.78 | 15450 | 19.42 | 21525 | 13.94 |
| 3200 | 93.75 | 6185 | 48.50 | 9560 | 31.38 | 11765 | 25.50 | 15170 | 19.78 | 17700 | 16.95 | 21530 | 13.93 |
| 3300 | 90.91 | 6190 | 48.47 | 9565 | 31.36 | 11770 | 25.49 | 15175 | 19.77 | 17705 | 16.94 | 21535 | 13.93 |
| 3400 | 88.24 | 6195 | 48.43 | 9570 | 31.35 | 11775 | 25.48 | 15180 | 19.76 | 17710 | 16.94 | 21540 | 13.93 |
| 3900 | 76.92 | 6200 | 48.39 | 9575 | 31.33 | 11780 | 25.47 | 15185 | 19.76 | 17715 | 16.93 | 21545 | 13.92 |
| 4000 | 75.00 | 7100 | 42.25 | 9580 | 31.32 | 11785 | 25.46 | 15190 | 19.75 | 17720 | 16.93 | 21550 | 13.92 |
| 4700 | 63.83 | 7105 | 42.22 | 9585 | 31.30 | 11790 | 25.45 | 15195 | 19.74 | 17725 | 16.93 | 21555 | 13.92 |
| 4800 | 62.50 | 7110 | 42.19 | 9590 | 31.28 | 11795 | 25.43 | 15200 | 19.74 | 17730 | 16.92 | 21560 | 13.91 |
| 4900 | 61.22 | 7115 | 42.16 | 9595 | 31.27 | 11800 | 25.42 | 15205 | 19.73 | 17735 | 16.92 | 21565 | 13.91 |
| 5000 | 60.00 | 7120 | 42.13 | 9600 | 31.25 | 11805 | 25.41 | 15210 | 19.72 | 17740 | 16.91 | 21570 | 13.91 |
| 5100 | 58.82 | 7125 | 42.11 | 9605 | 31.23 | 11810 | 25.40 | 15215 | 19.72 | 17745 | 16.91 | 21575 | 13.90 |
| 5950 | 50.42 | 7130 | 42.08 | 9610 | 31.22 | 11815 | 25.39 | 15220 | 19.71 | 17750 | 16.90 | 21580 | 13.90 |
| 5955 | 50.38 | 7135 | 42.05 | 9615 | 31.20 | 11820 | 25.38 | 15225 | 19.70 | 17755 | 16.90 | 21585 | 13.90 |
| 5960 | 50.34 | 7140 | 42.02 | 9620 | 31.19 | 11825 | 25.37 | 15230 | 19.70 | 17760 | 16.89 | 21590 | 13.90 |
| 5965 | 50.29 | 7145 | 41.99 | 9625 | 31.17 | 11830 | 25.36 | 15235 | 19.69 | 17765 | 16.89 | 21595 | 13.89 |
| 5970 | 50.25 | 7150 | 41.96 | 9630 | 31.15 | 11835 | 25.35 | 15240 | 19.69 | 17770 | 16.88 | 21600 | 13.89 |
| 5975 | 50.21 | 7155 | 41.93 | 9635 | 31.14 | 11840 | 25.34 | 15245 | 19.68 | 17775 | 16.88 | 21605 | 13.89 |
| 5980 | 50.17 | 7160 | 41.90 | 9640 | 31.12 | 11845 | 25.33 | 15250 | 19.67 | 17780 | 16.87 | 21610 | 13.88 |
| 5985 | 50.13 | 7165 | 41.87 | 9645 | 31.10 | 11850 | 25.32 | 15255 | 19.67 | 17785 | 16.87 | 21615 | 13.88 |
| 5990 | 50.08 | 7170 | 41.84 | 9650 | 31.09 | 11855 | 25.31 | 15260 | 19.66 | 17790 | 16.86 | 21620 | 13.88 |
| 5995 | 50.04 | 7175 | 41.81 | 9655 | 31.07 | 11860 | 25.30 | 15265 | 19.65 | 17795 | 16.86 | 21625 | 13.87 |
| 6000 | 50.00 | 7180 | 41.78 | 9660 | 31.06 | 11865 | 25.28 | 15270 | 19.65 | 17800 | 16.85 | 21630 | 13.87 |
| 6005 | 49.96 | 7185 | 41.75 | 9665 | 31.04 | 11870 | 25.27 | 15275 | 19.64 | 17805 | 16.85 | 21635 | 13.87 |
| 6010 | 49.92 | 7190 | 41.72 | 9670 | 31.02 | 11875 | 25.26 | 15280 | 19.63 | 17810 | 16.84 | 21640 | 13.86 |
| 6015 | 49.88 | 7195 | 41.70 | 9675 | 31.01 | 11880 | 25.25 | 15285 | 19.63 | 17815 | 16.84 | 21645 | 13.86 |
| 6020 | 49.83 | 7200 | 41.67 | 9680 | 30.99 | 11885 | 25.24 | 15290 | 19.62 | 17820 | 16.84 | 21650 | 13.86 |
| 6025 | 49.79 | 7205 | 41.64 | 9685 | 30.98 | 11890 | 25.23 | 15295 | 19.61 | 17825 | 16.83 | 21655 | 13.85 |
| 6030 | 49.75 | 7210 | 41.61 | 9690 | 30.96 | 11895 | 25.22 | 15300 | 19.61 | 17830 | 16.83 | 21660 | 13.85 |
| 6035 | 49.71 | 7215 | 41.58 | 9695 | 30.94 | 11900 | 25.21 | 15305 | 19.60 | 17835 | 16.82 | 21665 | 13.85 |
| 6040 | 49.67 | 7220 | 41.55 | 9700 | 30.93 | 11905 | 25.20 | 15310 | 19.60 | 17840 | 16.82 | 21670 | 13.84 |
| 6045 | 49.63 | 7225 | 41.52 | 9705 | 30.91 | 11910 | 25.19 | 15315 | 19.59 | 17845 | 16.81 | 21675 | 13.84 |
| 6050 | 49.59 | 7230 | 41.49 | 9710 | 30.90 | 11915 | 25.18 | 15320 | 19.58 | 17850 | 16.81 | 21680 | 13.84 |
| 6055 | 49.55 | 7235 | 41.47 | 9715 | 30.88 | 11920 | 25.17 | 15325 | 19.58 | 17855 | 16.80 | 21685 | 13.83 |
| 6060 | 49.50 | 7240 | 41.44 | 9720 | 30.86 | 11925 | 25.16 | 15330 | 19.57 | 17860 | 16.80 | 21690 | 13.83 |
| 6065 | 49.46 | 7245 | 41.41 | 9725 | 30.85 | 11930 | 25.15 | 15335 | 19.56 | 17865 | 16.79 | 21695 | 13.83 |
| 6070 | 49.42 | 7250 | 41.38 | 9730 | 30.83 | 11935 | 25.14 | 15340 | 19.56 | 17870 | 16.79 | 21700 | 13.82 |
| 6075 | 49.38 | 7255 | 41.35 | 9735 | 30.82 | 11940 | 25.13 | 15345 | 19.55 | 17875 | 16.78 | 21705 | 13.82 |
| 6080 | 49.34 | 7260 | 41.32 | 9740 | 30.80 | 11945 | 25.12 | 15350 | 19.54 | 17880 | 16.78 | 21710 | 13.82 |
| 6085 | 49.30 | 7265 | 41.29 | 9745 | 30.79 | 11950 | 25.10 | 15355 | 19.54 | 17885 | 16.77 | 21715 | 13.82 |
| 6090 | 49.26 | 7270 | 41.27 | 9750 | 30.77 | 11955 | 25.09 | 15360 | 19.53 | 17890 | 16.77 | 21720 | 13.81 |
| 6095 | 49.22 | 7275 | 41.24 | 9755 | 30.75 | 11960 | 25.08 | 15365 | 19.52 | 17895 | 16.76 | 21725 | 13.81 |
| 6100 | 49.18 | 7280 | 41.21 | 9760 | 30.74 | 11965 | 25.07 | 15370 | 19.52 | 17900 | 16.76 | 21730 | 13.81 |
| 6105 | 49.14 | 7285 | 41.18 | 9765 | 30.72 | 11970 | 25.06 | 15375 | 19.51 | 21450 | 13.99 | 21735 | 13.80 |
| 6110 | 49.10 | 7290 | 41.15 | 9770 | 30.71 | 11975 | 25.05 | 15380 | 19.51 | 21455 | 13.98 | 21740 | 13.80 |
| 6115 | 49.06 | 7295 | 41.12 | 9775 | 30.69 | 15100 | 19.87 | 15385 | 19.50 | 21460 | 13.98 | 21745 | 13.80 |
| 6120 | 49.02 | 7300 | 41.09 | 11700 | 25.64 | 15105 | 19.86 | 15390 | 19.49 | 21465 | 13.98 | 21750 | 13.79 |
| 6125 | 48.98 | 9500 | 31.58 | 11705 | 25.63 | 15110 | 19.85 | 15395 | 19.49 | 21470 | 13.97 | 25600 | 11.72 |
| 6130 | 48.94 | 9505 | 31.56 | 11710 | 25.62 | 15115 | 19.85 | 15400 | 19.48 | 21475 | 13.97 | 25700 | 11.67 |
| 6135 | 48.90 | 9510 | 31.55 | 11715 | 25.61 | 15120 | 19.84 | 15405 | 19.47 | 21480 | 13.97 | 25800 | 11.63 |
| 6140 | 48.86 | 9515 | 31.53 | 11720 | 25.60 | 15125 | 19.83 | 15410 | 19.47 | 21485 | 13.96 | 25900 | 11.58 |
| 6145 | 48.82 | 9520 | 31.51 | 11725 | 25.59 | 15130 | 19.83 | 15415 | 19.46 | 21490 | 13.96 | 26000 | 11.54 |
| 6150 | 48.78 | 9525 | 31.50 | 11730 | 25.58 | 15135 | 19.82 | 15420 | 19.46 | 21495 | 13.96 | 26100 | 11.49 |
| 6155 | 48.74 | 9530 | 31.48 | 11735 | 25.56 | 15140 | 19.82 | 15425 | 19.45 | 21500 | 13.95 | | |
| 6160 | 48.70 | 9535 | 31.46 | 11740 | 25.55 | 15145 | 19.81 | 15430 | 19.44 | 21505 | 13.95 | | |
| 6165 | 48.66 | 9540 | 31.45 | 11745 | 25.54 | 15150 | 19.44 | 15435 | 19.44 | 21510 | 13.95 | | |

| kHz | kW | Stations & Countries |
|---|---|---|
| 2260 | 1 | RRI Purwokerto, Indonesia |
| 2300 | | Hyesan, Korea (DPR) |
| 2310 | | Yunnan, Kunming, China |
| | 0.25 | R. Progresso, Brazil |
| 2332 | 5 | RRI Jakarta, Indonesia |
| 2340 | | Fujian I, Fuzhou, China |
| | 1 | R. Dif. Itacoatiara, Brazil |
| | 1 | R. Nueva Esparta, Venezuela |
| 2350 | 1 | RRI Yogyakarta, Indonesia |
| r | 1 | R. Fundacão Verde, Brazil |
| 2360 | 0.3 | RRI Tanjung Pinang, Indonesia |
| | 0.25 | R. Maya de Barillas, Guatemala |
| 2370 | 1 | R. Puerto La Cruz, Venezuela |
| 2376 | 2 | R. Simbu, Papua New Guinea |
| 2378v | 1 | RRI Surabaya, Indonesia |
| 2380 | 0.25 | R. Educ. de Limeira, Brazil |
| | 3.5 | Stanley, Falkland Isl. |
| 2390 | 1 | RRI Cirebon, Indonesia |
| r | 0.5 | R. Huayacocótla, México |
| 2400 | 1 | R. Educ. São José, Brazil |
| 2403 | | RRI Banda Aceh, Indonesia |
| 2410 | 2 | R. Enga, Papua New Guinea |
| r | 1 | R. Transamazônica, Brazil |
| 2415 | | Zhejiang, China |
| 2418 | | R. Suara Mahakam Kotamadya, Indonesia |
| 2420 | 1 | RRI Bandung, Indonesia |
| 2420 | | RRI Denpasar, Indonesia |
| v | 0.5 | R. São Carlos, Brazil |
| | 1 | R. Carajá, Brazil |
| 2430 | | Fuzhou (PLA), China |
| | 1 | RRI Palembang, Indonesia |
| 2439 | 1 | RRI Surakarta, Indonesia |
| 2445 | | Nanchang, China |
| 2449 | 1 | RRI Malang, Indonesia |
| 2451 | 1 | RRI Jakarta, Indonesia |
| 2456 | | RRI Dili, Indonesia |
| 2460 | | Yunnan, China |
| 2470 | 1 | R. Cacique, Brazil |
| 2475 | | Zhejiang, China |
| | 0.5 | R. Angkatan Bersenjata, Indonesia |
| 2480r | 0.25 | R. Oito de Setembro, Brazil |
| 2490 | | Fujian (PLA), China |
| | 1 | RRI Semarang, Indonesia |
| | 1 | Radio Educaçao Rural, Coari, Brazil |
| 2492 | | RRI Mataram, Indonesia |
| 2500 | 1 | OMA, Czechoslovakia |
| | 0.5 | MSF United Kingdom |
| | 1 | RCH Tashkent, USSR |
| | 4 | ZUO South Africa |
| | 2 | JJY Tokyo, Japan |
| | 5 | WWVH Kauai, Hawaii |
| | | ZLF Wellington, New Zealand |
| | 2.5 | WWV Fort Collins, USA |
| 2600 | | Fujian (PLA), China |
| 2614 | 2 | DAN Hamburg, Germany |
| 2670v | | Sariwŏn, Korea (DPR) |
| 2694 | 0.5 | RRI Ende, Indonesia |
| 2696 | | Ch'ŏngjin, Korea (DPR) |
| 2745v | | Shinuiju, Korea (DPR) |
| 2767v | | Pyongsong, Korea (DPR) |
| 2775 | 2 | DAO Kiel, Germany |
| v | | Hamhŭng, Korea (DPR) |
| 2800 | | Fujian (PLA), China |
| 2850 | | Pyongyang, Korea (DPR) |
| 3015 | | Pyongyang, Korea (DPR) |
| 3030v | | Wo'nsan, Korea (DPR) |
| 3120 | 10 | RRI Dili, Indonesia |
| 3130v | 50 | R. Baghdad, Iraq |
| 3170 | 5 | OLB5 Czechoslovakia |
| 3182r | | R. Universal, Peru (v) |
| 3200 | 25/100 | TWR Swaziland |
| | | Fujian (PLA), China |
| 3205 | 10 | AIR Lucknow, India |
| | 10 | RRI Bandung, Indonesia |
| | 4 | R. West Sepik, Papua New Guinea |
| v | 5 | La Voz de la Libertad, Dom. Rep. (Irr.) |
| | 1 | R. Ribeirão Preto, Brazil |
| 3210 | 100 | Maputo, Mozambique |
| | 10 | R. Federación, Ecuador |

| kHz | kW | Stations & Countries |
|---|---|---|
| 3215 | | BCC Hsinchu, Taiwan |
| | 10 | RRI Manado, Indonesia |
| | 1 | Ondas Panamericanas, Venezuela |
| 3220 | | Beijing, China |
| | 2 | R. Morobe, Papua New Guinea |
| | 10 | HCJB, Ecuador |
| | 1 | R. Ayacucho, Peru |
| 3222 | 10 | Kara, Togo |
| 3223 | 100 | SCR, Swaziland |
| | 2.5 | AIR Simla, India |
| | 1/5 | RRI Mataram, Indonesia |
| 3225 | 10 | RRI Tanjung Pinang, Indonesia |
| | 1 | Lins Radio Clube, Brazil |
| | 1 | R. Occidente, Venezuela |
| 3230 | 10 | ELWA Monrovia, Liberia |
| | 250 | RSA South Africa |
| | 100 | SABC South Africa |
| | | Kathmandu/Jawalakhel, Nepal (S) |
| | 0.4 | R. El Sol de los Andes, Peru |
| 3232 | 50 | Brazzaville, Congo |
| | 10 | RRI Bukittinggi, Indonesia |
| 3235 | 10 | AIR Gauhati, India |
| | 2 | R. West New Britain, Papua New Guinea |
| | 0.5 | R. Clube, Marilia, Brazil |
| 3240 | 25/100 | TWR Swaziland |
| r | 1 | R. Cultural Antena Libre, Ecuador |
| | 0.4 | R. Turismo, Ecuador |
| v | 1 | R. América, Peru |
| 3241 | 1 | RRI Ambon, Indonesia |
| | 1 | RRI Sibolga, Indonesia |
| 3245 | 2 | R. Gulf, Papua New Guinea |
| | 1 | R. Clube, Varginha, Brazil |
| | 1 | R. Educ. Palmares de Alagoas, Brazil |
| | 1 | R. Libertador, Venezuela |
| 3250 | 100 | SABC South Africa |
| | 10 | RRI Banjarmasin, Indonesia |
| | 1 | R. Qollasuyo, Peru |
| 3251r | 0.5 | R. Luz y Vida, Honduras Rep. (v) |
| 3253v | 1 | La Voz del Triunfo, Ecuador |
| 3255 | 50 | LBS Monrovia, Liberia |
| | 1 | R. Educ. de Cariri, Brazil |
| v | 1 | R. Dif., Uberlândia, Brazil |
| | 1 | Radio 980/La Voz de El Tigre, Venezuela |
| 3259 | 1 | RRI Kupang, Indonesia |
| 3260 | 4 | Niamey, Niger |
| | | Guizhou, China |
| | 2 | R. Madang, Papua New Guinea |
| | 3 | La Voz del Rio Carrizal, Ecuador |
| | 5 | R. La Voz de Oxapampa, Peru |
| 3265 | 50 | Brazzaville, Congo |
| | 25 | Maputo, Mozambique |
| | 10 | RRI Bengkulu, Indonesia |
| | 10 | RRI Gorontalo, Indonesia |
| | 1 | R. 31 de Março, Brazil |
| 3268 | 2 | AIR Kohima, India |
| 3270 | 100 | Windhoek, South West Africa |
| | | Beijing, China |
| | 1.5 | R. Cosmopolita, Ecuador |
| 3275 | 25/100 | TWR Swaziland |
| | 2 | R. So. Highlands, Papua New Guinea |
| | 1 | R. Dif., Cáceres, Brazil |
| | 1 | R. Mara, Venezuela |
| 3277 | 7.5 | R. Kashmir, Srinagar, India |
| | 1 | RRI Jakarta, Indonesia |
| 3280 | 100 | Beira, Mozambique |
| | 2.5 | La Voz del Napo, Ecuador |
| 3285 | 1 | R. Belize, Belize |
| | 1 | R. Puerto Cabello, Venezuela |
| 3286v | 1 | RRI Madiun, Indonesia |
| | 2.5 | Maharlika Bc. System, Philippines |
| v | 0.36 | La Voz del Rio Tarqui, Ecuador |
| 3288v | 100 | Antananarivo, Madagascar |
| 3290 | 0.04 | Tristan da Cunha |
| | | Beijing, China |
| | 2 | R. Central, Papua New Guinea |
| | 1 | R. Panamericana, Ecuador |
| r | 1 | R. Tayabamba, Peru (v) |
| 3295 | 100 | Windhoek, South West Africa |
| | 10 | AIR Delhi, India |

| kHz | kW | Stations & Countries |
|---|---|---|
| 3295 | 1 | RRI Samarinda, Indonesia |
| | 1 | R. Tapuyo, Brazil |
| | 1 | R. Trujillo, Venezuela |
| 3300 | 25 | Bujumbura, Burundi |
| | | Fujian (PLA), China |
| | 10 | R. Cultural, Guatemala |
| | 1 | La Voz del Santuario, Ecuador |
| | 1 | R. Junín, Peru |
| 3305 | 2 | AIR Ranchi, India |
| | | RRI Dili, Indonesia |
| | | RRI Bukittinggi, Indonesia |
| | 10 | R. Western, Papua New Guinea |
| 3306v | 10/100 | Gweru, Zimbabwe |
| 3310 | | Jilin, China |
| | 1 | R. La Voz de la Frontera, Ecuador |
| r | | R. Bagua, Peru (v) |
| | 5 | R. Universal, Peru |
| 3315 | 10 | AIR Bhopal, India |
| | 2 | R. Manus, Papua New Guinea |
| v | 1 | R. San Miguel, Bolivia |
| | 2.5 | R. Assunção, Brazil |
| v | 2 | R. Pastaza, Ecuador |
| 3318v | 1 | RRI Jember, Indonesia |
| 3320 | 0.25 | Quelimane, Mozambique |
| | 100 | SABC South Africa |
| | | Pyongyang, Korea (DPR) |
| | 1 | R. Estrella del Sur, Peru |
| 3325 | 10 | RRI Palangkaraya, Indonesia |
| | 10 | R. North Solomons, Papua New Guinea |
| | 1 | R. Maya de Barillas, Guatemala |
| | 5 | R. Liberal, Brazil |
| | 2.5 | R. Dif. Universitária, Brazil |
| v | 1.5 | Ondas Quevedeñas, Ecuador |
| | 5 | R. Monagas, Venezuela |
| 3326 | 50 | Lagos, Nigeria |
| 3330 | 5 | R. Rwanda, Rwanda |
| | 3 | CHU Ottawa, Canada |
| | 0.5 | Ondas del Huallaga, Peru |
| 3331v | 4 | Moroni, Comoro |
| 3335 | 25/100 | TWR Swaziland |
| | 10 | CBS Taiwan |
| | 10 | R. East Sepik, Papua New Guinea |
| | 1 | R. Clube Conquista, Brazil |
| | 1 | R. Alvorada, Brazil |
| 3338 | 10 | Maputo, Mozambique |
| 3339 | 10 | Zanzibar, Tanzania |
| 3340 | 1 | R. Viloco, Bolivia |
| | 2 | R. Tropical, Ecuador |
| | 1 | R. Altura, Peru |
| 3345 | 10 | ER do Huambo, Angola |
| | 1/2 | R. Kashmir, Jammu, India |
| | 10 | RRI Pontianak, Indonesia |
| | 10 | RRI Ternate, Indonesia |
| | 2 | R. Northern, Papua New Guinea |
| 3349v | 1 | R. 27 de Diciembre, Bolivia |
| 3350 | 5 | R. Cenit, Ecuador |
| | 0.4 | R. La Oroya, Peru |
| 3355 | 10 | Luanda, Angola |
| | 20 | AIR Kurseong, India |
| | 1 | RRI Sumenep, Indonesia |
| | 20 | Noumea, New Caledonia |
| | 1 | R. Impacto, Venezuela |
| 3356 | 10 | Gaborone, Botswana |
| 3359 | | Antananarivo, Madagascar |
| 3360 | | Beijing, China |
| | 10 | R. Milne Bay, Papua New Guinea |
| | 1 | La Voz de Nahualá, Guatemala |
| | 1 | R. Federación, Ecuador |
| | 0.5 | R. Huánuco, Peru |
| 3365 | 25/100 | TWR Swaziland |
| | 10 | AIR Delhi, India |
| | | RRI Padang, Indonesia |
| | 0.5 | R. Educ. Parnaiba, Brazil |
| | 1 | R. Cultura, Brazil |
| 3366 | 10 | Accra, Ghana |
| 3367 | 50 | Salman Pak, Iraq |
| 3370 | 10 | Beira, Mozambique |
| | 5 | R. Tezulutlán, Guatemala |
| | 1 | R. Florida, Bolivia |
| 3375 | 10 | Luanda, Angola |

| kHz | kW | Stations & Countries |
|---|---|---|
| 3375 | 10 | AIR Gauhati, India |
| | 1 | RRI Jambi, Indonesia |
| | 7.5 | RRI Medan, Indonesia |
| | 2 | R. Western Highlands, Papua New Guinea |
| | 5 | R. Educ. Guajará, Brazil |
| | 5 | R. Dourados, Brazil |
| | 5 | R. Nal., São Gabriel de Cachoeira, Brazil |
| r | 3 | La Voz de la Fé, Venezuela |
| 3380 | 100 | Blantyre, Malawi |
| | 1 | R. Chortis Jocotán, Guatemala |
| | 1 | R. Cumbre, Bolivia |
| v | 10 | R. Iris, Ecuador |
| 3381v | | RRI Malang, Indonesia |
| 3385 | 10 | RRI Kupang, Indonesia |
| | 0.5 | RRI Pangkalpinang, Indonesia |
| | 10 | Miri, Sarawak, Malaysia |
| | 10 | R. East New Britain, Papua New Guinea |
| | 1 | R. Congonhas, Brazil |
| r | 1 | R. Educadora Rural, Brazil |
| | 4 | Matouri, French Guiana |
| | 1 | R. Barcelona, Venezuela |
| 3386v | 0.5 | La Voz del Valle del Mantaro, Peru |
| 3389r | | R. Cutervo, Peru (v) |
| 3390 | 1 | Bunia, Zaire |
| | 1 | R. Camargo, Bolivia |
| 3395 | 0.1 | R. NYAB, Bhutan |
| | 10 | RRI Tanjungkarang, Indonesia |
| | 2 | R. Eastern Highlands, Papua New Guinea |
| v | 25 | R. Zaracay, Ecuador |
| | 1 | R. Universidad, Venezuela |
| 3396 | 20/100 | Gweru, Zimbabwe |
| 3398 | 1 | RRI Singaraja, Indonesia |
| 3400 | | Fujian (PLA), China |
| 3406r | 2 | R. Educ. 6 de Agosto, Brazil (v) |
| 3425 | | Khumaltar/Jawalakhel, Nepal (S) |
| 3427 | 1 | RRI Manokwari, Indonesia |
| 3480v | 0.5 | R. Padilla, Bolivia |
| 3515 | 0.2 | R. Centro Gualaceo, Ecuador |
| 3535 | | Fujian (PLA), China |
| 3550r | 1 | R.Dif. la Convención, Peru (v) |
| 3560 | | Pyongyang, Korea (DPR) |
| 3570r | 0.25 | R. Educadora Tres de Julho, Brazil |
| 3607 | 0.6 | NHK Hiroshima, Japan (SSB) |
| 3640 | | Fujian (PLA), China |
| 3762 | | RRI Kendari, Indonesia |
| 3779v | 100 | Kalamabad, Iran |
| 3810 | 1 | HD210A Guayaquil, Ecuador |
| 3815 | | Beijing, China |
| 3885r | | R. Libertad, Bolivia |
| 3900 | | Fujian (PLA), China |
| | | Nei Menggu, China |
| 3905 | 10 | AIR Delhi, India |
| | 50 | RRI Banda Aceh, Indonesia |
| | 2 | R. New Ireland, Papua New Guinea |
| 3906v | 1 | RRI Merauke, Indonesia |
| 3910 | 10 | FEN Tokyo, Japan |
| 3914r | | R. Nuevo Cajamarca, Peru (v) |
| 3915 | 10 | RRI Ternate, Indonesia |
| | 100 | BBC Kranji, Singapore |
| 3925 | 10 | AIR Delhi, India |
| | 50 | NSB Tokyo, Japan |
| | 10 | NSB Sapporo, Japan |
| | 10 | Port Moresby, Papua New Guinea |
| 3930 | 20 | Capital Radio, Transkei |
| | | Nei Menggu, China |
| | 5 | Suw'ŏn, Korea Rep. |
| 3931 | 10 | R. Voz de São Vicente, Cape Verde |
| 3935 | 5/10 | RRI Semarang, Indonesia |
| 3940 | | Hubei, China |
| | 2 | RTV Hong Kong (Irr) |
| 3945 | 1 | RRI Denpasar, Indonesia |
| | 10 | NSB Tokyo, Japan |
| | 10 | Malapoa, Vanuatu |
| r | | R. Huamachuco, Peru (v) |
| 3946 | 1 | RRI Ternate, Indonesia |
| 3950 | | Qinghai, China |
| 3955 | 8/100 | Warsaw, Poland |
| | 100 | BBC, United Kingdom |
| r | | R. Quiruvilca, Peru (v) |
| 3958 | 3.5 | Stanley, Falkland Isl. |

| kHz | kW | Stations & Countries |
|---|---|---|
| 3960 | 20/250 | R. Liberty |
| | | Xinjiang, China |
| | 10 | RRI Palu, Indonesia |
| | | RRI Bogor, Indonesia |
| | 12 | Dalanzadgad, Mongolia |
| 3965 | 4 | Allouis, France |
| | | Kabul Relay, USSR |
| | 100 | SABC South Africa |
| 3970 | 20/250 | RFE/RL |
| | 100 | BBC, United Kingdom |
| | 1 | ER da Huila, Angola |
| | 8 | Radio Buea, Cameroon |
| | | Nei Menggu, China |
| 3975 | 100 | BBC, United Kingdom |
| | 10 | RRI Surabaya, Indonesia |
| 3985 | 20/250 | Radio Liberty |
| | 250 | Beromünster, Switzerland |
| | | Beijing, China |
| | | R. Echo of Hope, Korea Rep. |
| | 10 | Esc. Radiofónicas Pop., Ecuador |
| 3986 | | RRI Dili, Indonesia |
| 3990 | 20/250 | RFE |
| | 20/250 | Limassol (BBC), Cyprus |
| | | Xinjiang, China |
| 3995 | 100 | Jülich (DW), Germany |
| | 50 | Rome, Italy |
| | 100 | BBC, United Kingdom |
| | 50 | Kyzyl/Khabarovsk, USSR |
| | 50 | Yuzhno-Sakhalinsk, USSR |
| | 250 | RSA South Africa |
| | 10 | RRI Pontianak, Indonesia |
| 3999 | 1 | Nuuk, Greenland |
| 4000 | 20 | Bafoussam, Cameroon |
| | 5 | RRI Kendari, Indonesia |
| 4003 | 10 | RRI Padang, Indonesia |
| 4010 | 50 | Frunze, USSR |
| 4020 | | Beijing, China |
| 4030 | | Anadyr, USSR |
| 4035 | | Xizang, China |
| 4040 | | Yerevan, USSR |
| | 5/15 | Semipalatinsk, USSR |
| | 50 | Vladivostok, USSR |
| 4045 | | Fujian (PLA), China |
| 4050 | 50 | Frunze, USSR |
| 4055 | 50 | Kalinin, USSR |
| 4060 | 100 | Kharkov, USSR |
| 4080 | 50 | Ulan Bator, Mongolia |
| 4090r | 0.5 | R. Comarapa, Bolivia (v) |
| 4094v | | R. Dif. 8 de Noviembre, Bolivia (r) |
| 4115r | 1 | R. Difusora, Sena Madureira, Brazil |
| 4130 | | Beijing, China |
| 4195v | | R. Santa Rosa, Yacuma, Bolivia (r) |
| 4200 | | Beijing, China |
| 4220 | | Xinjiang, China |
| 4232.5 | | VPS8 Time Signal St., Hong Kong |
| 4243 | | Vinh Phu, Vietnam |
| 4244 | | EMBRATEL, Brazil |
| 4250 | | Beijing, China |
| 4254r | | R. El Sol de Los Andes, Peru (v) |
| 4265 | 5 | DAM Hamburg, Germany |
| 4271v | | R. Dif. Gunzanamá, Ecuador (v) |
| 4272v | | Kanggye, Korea (DPR) |
| 4285 | 1 | Vieng Xay, Laos (PDR) |
| 4286 | | VWC Calcutta, India |
| 4291 | 10 | Cape Town Radio, South Africa |
| 4298 | | CCV Valparaiso, Chile |
| 4300 | 0.25 | R. Moderna, Peru |
| 4310 | 5/15 | Chimkent, USSR |
| 4330 | | Fujian (PLA), China |
| | | Xinjiang, China |
| 4361r | | R. Frecuencia Juvenil, Peru (v) |
| 4380 | | Fujian (PLA), China |
| 4395 | 50 | Yakutsk, USSR |
| 4402 | 5/15 | Kokchetav, USSR |
| v | | R. Reyes, Bolivia |
| 4445 | | Station NPO, Philippines |
| 4450v | | Kabul Relay, USSR |
| 4458r | 0.25 | R. Capitan Victor Ustariz, Bolivia |
| 4460 | | Beijing, China |
| 4472v | 1 | R. Movima, Bolivia |

| kHz | kW | Stations & Countries |
|---|---|---|
| 4485 | 50 | Ufa, USSR |
| | | Petropavlovsk-Kamchatskiy, USSR |
| 4494r | | R. Inca del Peru, Peru (v) |
| 4500 | | Xinjiang, China |
| | 10 | VNG Lyndhurst, Australia |
| 4502r | 1 | R. Esmeralda, Huanta, Peru (v) |
| 4510 | | Fergana, USSR |
| 4520 | 50 | Khanty-Mansiysk, USSR |
| | | Palana, USSR |
| 4525 | 5 | Y3S Nauen, Germany (DR) |
| | | Neimenggu, China |
| 4545 | 50 | Alma Ata, USSR |
| 4568r | | R. Educadora, Sudacreana, Brazil (v) |
| 4584v | | R. Litoral, Cochabamba, Bolivia (r) |
| 4607 | | RRI Serui, Indonesia |
| 4610 | 50 | Khabarovsk, USSR |
| 4615 | 5/15 | Pavlodar, USSR |
| 4620 | | Beijing, China |
| 4635 | 50 | Dushanbé, USSR |
| 4638v | | R. 23 de Marzo, Bolivia |
| 4646 | | Ha Bac, Vietnam |
| 4653v | 1 | Houa Phan, Laos (PDR) |
| 4656r | 5 | C.R.E./R. Dif. del Ecuador, Ecuador |
| 4669 | | Binh Tri Thien, Vietnam |
| 4680 | 5 | R. Nal. Espejo, Ecuador |
| 4682v | 2 | R. Paititi, Bolivia |
| 4697v | 0.5 | R. Riberalta, Bolivia |
| 4702 | | Gia Lai-Kon Tum, Vietnam |
| 4710 | 0.5 | R. La Voz de la Frontera, Bolivia |
| 4713 | | Son La, Vietnam |
| 4719v | 50 | RRI Ujung Pandang, Indonesia |
| 4720v | 0.5 | R. Abaroa, Bolivia |
| 4725 | 50 | Rangoon, Burma |
| 4730v | | R. Guanay, Bolivia (r) |
| 4735 | | Xinjiang, China |
| 4739v | 1 | R. Mamoré, Bolivia |
| 4740 | | Kabul Relay, USSR |
| 4750 | 20 | R. Bertoua, Cameroon |
| | | Nei Menggu, China |
| | | Xizang, China |
| | 12 | Ulgii, Mongolia |
| | 3 | R. El Mundo, Ecuador |
| 4755 | 20 | RRI Ujung Pandang, Indonesia |
| | 10 | R. Educ. Rural, Brazil |
| | 2 | R. Dif. do Maranhão, Brazil |
| v | 5 | Caracol, Colombia |
| v | 0.5 | R. Huanta 2000, Peru |
| 4756v | 5 | Radioem. Bolivia, Bolivia |
| 4760 | 5/15 | Dzhambul, USSR |
| | 10 | ELWA Monrovia, Liberia |
| | 25/100 | TWR, Swaziland |
| | | Yunnan, China |
| | 10/100 | Islamabad, Pakistan |
| | 1 | R. Tingo Maria, Peru |
| | 1 | R. Frontera, Venezuela |
| 4762 | 1 | R. Inca, Peru |
| 4764 | 50 | RRI Medan, Indonesia |
| 4765 | | R. Moscow Relay, Cuba |
| | 10 | R. Nal., Cruzeiro do Sul, Brazil |
| v | 10 | R. Emiss. Rural, Brazil |
| 4770 | 50 | Kaduna, Nigeria |
| | | Beijing, China |
| | 1 | R. Ondas del Ulua, Honduras Rep. |
| | 1 | R. Mundial Bolívar, Venezuela |
| 4772 | 0.5 | R. Cenit, Ecuador |
| 4775 | 25/100 | TWR Swaziland |
| | 10 | AIR Gauhati, India |
| | | RRI Jakarta, Indonesia |
| v | 3 | R. Los Andes, Bolivia |
| | 3 | R. Tropico, Bolivia |
| | 2.5 | R. Cult. de Sergipe, Brazil |
| | 1.5 | R. A Voz d'Oeste, Brazil |
| v | 1 | La Voz de Maria, Colombia |
| 4776v | 0.5 | R. Tarma, Peru |
| 4777 | 100 | Libreville, Gabon |
| 4780 | 50 | Petrozavodsk, USSR |
| | 5 | ER do Kuando-Kubango, Angola |
| | 20 | Radio Djibouti, Djibouti |
| v | 0.5 | R. Juticalpa, Honduras Rep. |
| | 1 | R. Atahualpa, Ecuador |

| kHz | kW | Stations & Countries |
|---|---|---|
| 4780 | 1 | La Voz de Carabobo, Venezuela |
| 4782r | 1 | R. Tres Fronteras, Colombia |
| 4785 | 50 | Baku, USSR |
| | 50 | Dar es Salaam, Tanzania |
| | | Zhejiang, China |
| v | 0.5 | Radioem. Ballivián, Bolivia |
| | 1 | R. Brasil, Campinas, Brazil |
| | 5 | R. Ribamar, Brazil |
| | 1 | R. Caiari, Brazil |
| v | 5 | Ecos del Combeima, Colombia |
| | 0.5 | R. Once de Noviembre, Ecuador |
| | 1 | R. Cooperativa, Peru |
| 4789 | 1 | RRI Fak-Fak, Indonesia |
| 4790 | 25/100 | TWR Swaziland |
| | 5 | R. Atlántida, Peru |
| 4792v | 5 | Sistema de Emis. Atalaya, Ecuador |
| 4795 | | Ulan Ude, USSR |
| | 100 | R. Douala, Cameroon |
| | 1 | R. Dif. de Aquidauana, Brazil |
| v | 1 | R. Tabajará da Paraíba, Brazil |
| v | 5 | La Voz de los Carás, Ecuador |
| 4797v | 1 | R. Nueva América, Bolivia |
| 4800 | 50/100 | Yakutsk, USSR |
| | 100 | Maseru, Lesotho |
| | 10 | AIR Hyderabad, India |
| v | 1 | R. Norte, Dom. Rep. (Irr.) |
| v | 5 | R. Popular de Cuenca, Ecuador |
| | 10 | R. Lara, Venezuela |
| 4803v | 1 | R. Santa Ana, Bolivia |
| 4804 | 5 | Nairobi, Kenya |
| 4805 | 0.3 | RRI Kupang, Indonesia |
| | | Lam Dong, Vietnam |
| v | 5 | R. Dif. de Amazonas, Brazil |
| v | 1 | R. Itatiaia, Brazil |
| 4807 | 10 | R. Nacional, São Tomé e Principe |
| 4810 | 50 | Yerevan, USSR |
| | | Salekhard, USSR |
| | 250 | Africa No. 1, Gabon |
| | 5 | La Voz de Galápagos, Galápagos Isl. |
| | 1 | R. Dif. San Martín, Peru |
| | 2 | R. Popular, Venezuela |
| 4815 | 20 | Ougadougou, Burkina Faso |
| | | Beijing, China (S) |
| v | 10 | Karachi, Pakistan |
| | 0.5 | R. Dif., Londrina, Brazil |
| | 10 | R. Nal. de Tabatinga, Brazil |
| v | | R. Guatapuri, Colombia |
| | 1 | R. Canal Manabita, Ecuador |
| 4817 | 1.5 | R. Nal. de Bolivia, Bolivia |
| 4820 | 50 | Khanty-Mansiysk, USSR |
| | 10 | Luanda, Angola |
| | 25 | ER da Huila, Angola |
| | 10 | AIR Calcutta, India |
| | | Ha Tuyen, Vietnam |
| | 5 | La Voz Evangélica, Honduras Rep. |
| | 1 | R. Paz y Bien, Ecuador |
| | 0.15 | R. Puno, Peru |
| v | 1 | La Voz de Apure, Venezuela |
| | 1 | R. Mundial Tricolor, Venezuela |
| 4825 | 50/100 | Yakutsk, USSR |
| | 100 | Vladivostok, USSR |
| | 100 | Kharkov, USSR |
| | 50 | Ashkhabad, USSR |
| | 10 | R. Columbia, Costa Rica |
| | 1 | R. Mam, Guatemala |
| | 5 | R. Grigota, Bolivia |
| | 5 | R. Educ., Bragança, Brazil |
| | 1 | R. Moquegua, Peru |
| 4826v | 10 | La Voz de la Selva, Peru |
| 4827r | 0.4 | R. Sicuani, Peru (v) |
| 4830v | | Liaoning, China |
| | 12 | Altai, Mongolia |
| | 10 | Bangkok, Thailand |
| r | | R. Huanta, Peru (v) |
| | 0.4 | R. Apurimac, Peru |
| | 1 | R. Táchira, Venezuela |
| 4832 | 1 | R. Reloj, Costa Rica |
| 4834v | 5 | R. Federación, Ecuador |
| 4835 | 100 | SABC, South Africa |
| | 10 | Kuching, Sarawak, Malaysia |

| kHz | kW | Stations & Countries |
|---|---|---|
| 4835 | 5 | R. Tezulutlán, Guatemala |
| | 5 | R. Atalaia, Brazil |
| | 0.5 | R. Dif. Teresina, Brazil |
| | 1 | R. Buenaventura, Colombia |
| v | 1 | R. Tamboral, Colombia |
| | 2 | La Voz del Valle, Ecuador |
| 4838 | 18 | Bamako, Mali |
| 4839 | 4 | R. Bukavu, Zaire |
| 4840 | | Fujian (PLA), China |
| | | Heilongjiang, China |
| | 10 | AIR Bombay, India |
| v | 2 | R. San Isidro, Honduras Rep. |
| | 2 | R. Andahuaylas, Peru |
| | 1 | R. Valera, Venezuela |
| 4843 | 4 | Pointe Noire, Congo |
| 4845v | 100 | Nouakchott, Mauritania |
| | 10 | RRI Ambon, Indonesia |
| | 50 | Kajang, Malaysia |
| | 5 | R. Fides, Bolivia |
| | 250 | R. Nal., Manaus, Brazil |
| | 10 | R. Bucaramanga, Colombia |
| 4848 | 10 | Gaborone, Botswana |
| 4850 | 50 | Tashkent, USSR |
| | 1 | ER do Uíge, Angola |
| | 100 | Yaoundé, Cameroon |
| | | Beijing, China |
| | 2 | AIR Kohima, India |
| | 100 | Ulan Bator, Mongolia |
| | 5 | R. Luz y Vida, Ecuador |
| | 1 | R. Capital, Venezuela |
| 4853 | 100 | San' a, Yemen Arab Rep. |
| 4854r | 1 | R. Pampas, Peru |
| 4855 | 10 | Forest Side, Mauritius |
| | 20 | Maputo, Mozambique |
| | 10 | RRI Palembang, Indonesia |
| | 1 | R. Aruana, Brazil |
| v | 1 | R. Por um Mundo Melhor, Brazil |
| | 1 | R. Neiva, Colombia |
| v | 1 | R. Oriente, Peru |
| 4856v | | R. Cobija, Bolivia |
| 4857v | 5 | Ondas del Zamora, Ecuador |
| 4860 | | Chita, USSR |
| | 100 | Kalinin, USSR |
| | 5 | EP da Lunda Sul, Angola |
| | 10 | AIR Delhi, India |
| | 1 | R. Mundial, Ecuador |
| | 1 | R. Chinchaycocha, Peru |
| | 10 | R. Maracaibo, Venezuela |
| 4865 | 25 | Maputo, Mozambique |
| | | Gansu, China |
| | 12 | Sainshand, Mongolia |
| | 1 | R. Soc., Feira de Santana, Brazil |
| v | 1 | La Voz del Cinaruco, Colombia |
| 4866 | 0.5 | RRI Wamena, Indonesia |
| 4870 | 30 | Cotonou, Benin |
| | 10 | Ekala, Sri Lanka |
| | 5 | R. Rio Amazonas, Ecuador |
| | 2 | R. Tropical, Venezuela |
| 4875 | 5/15 | Uralsk, USSR |
| | 10 | RRI Sorong, Indonesia |
| | 1/10 | La Cruz del Sur, Bolivia |
| | 10 | R. Jornal do Brazil, Brazil |
| | 10 | R. Nal., Boa Vista, Brazil |
| | 5 | La Voz del Norte, Colombia |
| | 2 | R. Super, Colombia |
| 4879 | 10 | Quetta, Pakistan |
| 4880 | 100 | SABC, South Africa |
| | 100 | Dhaka, Bangladesh |
| | 5 | R. Difusora Acreana, Brazil |
| | 10 | R. Universo, Venezuela |
| 4883 | | Beijing, China |
| 4884 | | Than Hoa, Vietnam |
| 4885 | 5 | ER do Zaire, Angola |
| | 5 | Nairobi, Kenya |
| | 5 | R. Clube de Pará, Brazil |
| v | 1 | Ondas del Meta, Colombia |
| | 1 | R. Huancavelica, Peru |
| 4886 | 1 | R. Sararenda, Boliva |
| 4890 | 100 | Dakar, Senegal |
| | | Seeb, Oman |

| kHz | kW | Stations & Countries |
|---|---|---|
| 4890 | 10 | Port Moresby, Papua New Guinea |
| | 1 | R. Lux, Honduras Rep. |
| v | 2 | R. Centinela del Sur, Ecuador |
| 4895 | 50 | Ashkhabad, USSR |
| | | Tyumen, USSR |
| | | Nei Menggu, China |
| | 1 | ER do Bié, Angola |
| | 10 | AIR Kurseong, India |
| | 10 | Kuching, Sarawak, Malaysia |
| | 12 | Murun, Mongolia |
| | 10 | R. Cult. da Bahia, Brazil |
| | 1 | R. Baré, Brazil |
| | 0.25 | Ondas Orenses, Ecuador |
| 4896v | 1 | Brisas del Citará, Colombia |
| v | 0.4 | R. Chanchamayo, Peru |
| 4898r | | R. San Juan de Caraz, Peru (v) |
| 4899 | 0.5 | RRI Surakarta, Indonesia |
| 4900 | 0.5 | La Voz de Saquisilí/R. Libertador, Ecuador |
| | 10 | R. Juventud, Venezuela |
| 4902 | 0.25 | Quelimane, Mozambique |
| | 10 | Ekala, Sri Lanka |
| 4904.5 | 100 | N'djamena, Chad |
| 4905 | | Beijing, China |
| | 5 | R. Relógio Federal, Brazil |
| | 1 | R. Araguaia, Brazil |
| | 2 | Em. Atlántico, Colombia |
| | 3 | La Voz del Zamora, Ecuador |
| 4910 | 18 | Conakry, Guinea Rep. |
| | 50 | Lusaka, Zambia |
| | 1 | La Voz de la Mosquitia, Honduras Rep. |
| v | 10 | Em. Gran Colombia, Ecuador |
| | 1 | R. Libertad, Peru |
| v | 1 | R. Carora, Venezuela |
| 4915 | 10 | Accra, Ghana |
| | 100 | Nairobi, Kenya |
| | | Guangxi, China |
| | 10 | R. Nal., Macapá, Brazil |
| | 10 | R. Anhanguera, Brazil |
| | 3 | Armonias del Caqueta, Colombia |
| | 1 | R. Sonar, Colombia |
| 4916r | | R. Central, Peru |
| 4920 | 50/100 | Yakutsk, USSR |
| | 10 | AIR Madras, India |
| | | RRI Tanjung Pinang, Indonesia |
| | 10 | Brisbane, Australia |
| r | 1 | R. El Progreso, Honduras Rep. |
| | 5 | R. Quito, Ecuador |
| 4922v | 1 | R. Ondas del Titicaca, Peru |
| 4925 | 100 | Batá, Equatorial Guinea |
| | 7.5 | Maputo, Mozambique |
| | | Heilongjiang, China |
| | 1 | R. Dif. Taubaté, Brazil |
| | 5 | R. Dragão do Mar, Brazil |
| v | 2.5 | Em. Meridiano 70, Colombia |
| 4926r | 1 | R. Cobriza 2000, Peru (v) |
| 4927 | 7.5 | RRI Jambi, Indonesia |
| 4930 | 50 | Ashkhabad/Tbilisi, USSR |
| | 5 | R. Barahona, Dom. Rep. (Irr.) |
| r | 1 | R. Mil, Dom. Rep. |
| | 1.5 | R. St. 4VEH, Haiti |
| v | 1 | R. Casa de la Cultura, Ecuador |
| | 3 | La Voz de la Fé, Venezuela |
| | 1 | Radiovision 860, Venezuela |
| 4932r | 50 | Lagos (Educational Sce.), Nigeria |
| | 10 | RRI Surakarta, Indonesia |
| 4934 | 10 | R. Abancay, Peru |
| 4935 | 1 | R. Capixaba, Brazil |
| | 5 | R. Jornal "A Crítica", Brazil |
| | 0.25 | R. Dif., Mearim, Brazil |
| | 2.5 | R. Dif., Jatai, Brazil |
| | 1 | R. Villavicencio, Colombia |
| | 1 | R. Tropical, Peru |
| 4938v | 1.5 | R. Norte, Montero, Bolivia |
| 4940 | 50 | Kiev, USSR |
| | 50/100 | Yakutsk, USSR |
| | 1 | ER de Malange, Angola |
| | 25 | Abidjan, Ivory Coast |
| | | Qinghai, China |
| | 10 | AIR Gauhati, India |

| kHz | kW | Stations & Countries |
|---|---|---|
| 4940 | 10 | Ekala, Sri Lanka |
| | 10 | R. Nal., Ecuador |
| | 0.5 | R. San Juan de Tarma, Peru |
| | 10 | R. Yaracuy, Venezuela |
| 4945 | | Time Signal St., Israel |
| | 1.5 | RRI Bandung, Indonesia |
| | 10 | R. Illimani, Bolivia |
| | 50 | R. Nal., Porto Velho, Brazil |
| | 1 | R. Dif. Poços de Caldas, Brazil |
| v | 2 | Em. Rural A Voz do São Francisco, Brazil |
| | 20 | Caracol Neiva/Colosal, Colombia |
| 4950 | 5 | Nairobi, Kenya |
| | | Nei Menggu, China |
| | 10 | Kuching, Sarawak, Malaysia |
| | 10 | Peshawar, Pakistan |
| | 1 | R. Costa Azul, Ecuador |
| | 0.5 | R. Ucayali, Peru |
| | 1 | R. Coro, Venezuela |
| 4951v | 5 | R. Madre de Dios, Peru |
| 4955 | 10 | RRI Banda Aceh, Indonesia |
| | 2.5 | R. Cultura, Campos, Brazil |
| | 2.5 | R. Marajoara, Brazil |
| | 2.5 | R. Clube, Rondonópolis, Brazil |
| | 50 | R. Dif. Nacional, Colombia |
| | 1 | R. Cultural Amauta, Peru |
| 4958 | 50 | Baku, USSR |
| 4959r | 1.5 | R. Iberé, Bolivia |
| 4960 | | Beijing, China |
| | 2 | AIR Ranchi, India |
| | 10 | R. Federación, Ecuador |
| | 1 | R. La Merced, Peru |
| v | 1 | R. Sucre, Venezuela |
| 4965 | 1 | R. Landia, Honduras Rep |
| v | 3 | R. Juan XXIII, Bolivia |
| | 5 | R. Soc. Triângulo Mineiro, Brazil |
| v | 1 | R. Potí, Brazil |
| | 5 | R. Alvorada, Brazil |
| | 5 | R. Santa Fé, Colombia |
| r | | R. La Voz de Cutervo, Peru (v) |
| | 1 | R. San Miguel, Peru |
| 4968 | 10 | Ekala, Sri Lanka |
| 4970 | 5 | ER de Cabinda, Angola |
| | | Xinjiang, China |
| | 10 | Kota Kinabalu, Sabah, Malaysia |
| v | 3 | R. Tarqui, Ecuador |
| | 10 | R. Rumbos, Venezuela |
| 4972 | 4/30 | Yaoundé, Cameroon |
| | 1 | Matouri, French Guiana |
| 4975 | | Dudinka, USSR |
| | 50 | Dushanbé, USSR |
| | | Fujian, Fuzhou, China |
| | 1 | R. Iguatemi, Brazil |
| | 2.5 | R. Timbira, Brazil |
| | 1 | Ondas del Orteguaza, Colombia |
| | 4 | R. del Pacifico, Peru |
| 4980 | 100 | SCR, Swaziland |
| | | Xinjiang, China |
| | 10 | Azad Kashmir R., Islamabad, Pakistan |
| | 1 | R. Batallón Topater, Bolivia |
| | 10 | Ondas Azuayas, Ecuador |
| | 10 | Ecos del Torbes, Venezuela |
| 4985 | 1 | R. Minería, Bolivia |
| | 10 | R. Brasil Central, Brazil |
| 4990 | 50 | Yerevan, USSR |
| | 50 | Lagos, Nigeria |
| | 250 | RSA South Africa |
| v | 100/350 | Kalamabad, Iran |
| | | Hunan, China |
| | | Radioem. Bení, Bolivia |
| | 0.4 | R. Pillaro, Ecuador |
| | 1 | R. El Triunfo, Peru |
| | 10 | R. Ancash, Peru |
| | 15 | R. Barquisimeto, Venezuela |
| 4991 | 1 | R. Animas, Bolivia |
| 4995 | 12 | Choybalsan, Mongolia |
| 4996 | 5 | RWM Moscow, USSR |
| r | 1 | R. Baha'i, Ecuador (v) |
| v | 2 | R. Andina, Peru |
| 5000 | 1 | IAM Rome, Italy |
| | 5 | IBF Turin, Italy |

| kHz | kW | Stations & Countries |
|---|---|---|
| 5000 | 0.5 | MSF Rugby, United Kingdom |
| | 1 | RCH Tashkent, USSR |
| | 4 | ZUO Olifantsfontein, South Africa |
| | 10/20 | BPM Lintong, China |
| | 5 | BSF Chung-Li, Taiwan |
| | 8 | ATA New Delhi, India |
| | 2 | JJY Tokyo, Japan |
| | 10 | WWVH Kauai, Hawaii |
| | 10 | WWV Fort Collins, USA |
| | 2 | LOL Buenos Aires, Argentina |
| | 1 | HD21OA Guayaquil, Ecuador |
| 5004 | 1 | RID Irkutsk, USSR |
| 5005 | 100 | Batá, Equatorial Guinea |
| | 10 | Sibu, Sarawak, Malaysia |
| | 5/100 | Jawalakhel/Khumaltar, Nepal |
| | 0.35 | SRS, Surinam |
| 5006 | 10 | Rawalpindi, Pakistan |
| 5010 | 100 | R. Garoua, Cameroon |
| | | Guangxi, China |
| | 2.5 | R. Cult. Surcolombiana, Colombia |
| 5014 | 5 | EP de Namibe, Angola |
| 5015 | 50 | Arkhangelsk, USSR |
| | 50 | Vladivostok, USSR |
| | 1 | ER do Namibe, Angola |
| | 5 | R. Cultura de Cuiabá, Brazil |
| | 1 | R. Pioneira, Brazil |
| v | 1 | R. Copacabana, Brazil |
| v | 10 | Escuelas R. Populares, Ecuador |
| | 1 | R. Moyobamba, Peru |
| 5017v | 1 | R. Juliaca, Peru |
| 5020 | 50 | Gjirokaster, Albania |
| | 30/100 | Niamey, Niger |
| | | Jiangxi, China |
| | 10 | Ekala, Sri Lanka |
| | 10 | Honiara, Solomon Islands |
| v | 2 | Ecos del Atrato, Colombia |
| | 0.5 | La Voz de Bolívar, Ecuador |
| | 1 | R. San Cristóbal de Huamanga, Peru |
| | 1 | R. Nacional, Venezuela |
| 5025 | 20 | Parakou, Benin |
| v | 1 | R. Borborema, Brazil |
| v | 5 | R. Splendit, Ecuador |
| | 5 | R. Quillabamba, Peru |
| 5026v | 5 | R. Jornal Transamazônica, Brazil |
| 5027v | 250 | Soroti, Uganda |
| 5030 | 10 | Kuching, Sarawak, Malaysia |
| | 0.25 | R. Cuarto Centenario, Bolivia |
| r | 1 | R. Los Andes, Peru (v) |
| | 15 | R. Continente, Venezuela |
| 5035 | 10 | Schulungssender, Austria |
| | 50/100 | Alma Ata, USSR |
| v | 100 | Bangui, Central Af. Rep. |
| | 1 | R. Educ. Rural, Brazil |
| | 10 | R. Aparecida, Brazil |
| | 1 | La Voz del Caquetá, Colombia |
| | 1 | R. Ayaviri, Peru |
| | 1 | R. Ilo, Peru |
| | 1 | R. Imagen, Peru |
| 5039 | 20 | Omdurman, Sudan |
| 5040 | 50 | Tbilisi, USSR |
| | 1 | ER do Lobito, Angola |
| | | Fujian I, Fuzhou, China |
| | 0.5 | RRI Wamena, Indonesia |
| v | 2 | R. Cinco, Colombia |
| | 0.5 | R. Nal. Espejo, Ecuador |
| r | | La Voz del Upano, Ecuador |
| | 1 | R. Libertad de Junin, Peru |
| | 1 | R. Maturin, Venezuela |
| 5045 | | RRI Jayapura, Indonesia |
| | 1 | R. Dif. Presidente Prudente, Brazil |
| | 10 | R. Cult. do Pará, Brazil |
| | 5 | Ondas Cañaris, Ecuador |
| v | 2 | R. Rioja, Peru |
| 5047 | 100 | Togblekope, Togo |
| 5047.5 | 20 | RRI Yogyakarta, Indonesia |
| 5050 | 10 | Dar es Salaam, Tanzania |
| | | Beijing, China |
| | 50 | AIR Aizawal, India |
| | 5 | R. Jesús del Gran Poder, Ecuador |
| | 1 | R. Loreto, Peru |
| | 0.4 | R. Tumbes, Peru |

| kHz | kW | Stations & Countries |
|---|---|---|
| 5050 | 0.5 | R. Municipal de Cangallo, Peru |
| | 2 | R. Mundial, Venezuela |
| 5051v | 1 | La Voz de Yopal, Colombia |
| 5052 | 50 | Singapore Bc. Corp., Singapore |
| 5055 | 25/100 | TWR, Swaziland |
| | 1 | RRI Nabire, Indonesia |
| | 5 | Faro del Caribe, Costa Rica |
| | 1/5 | R. Mauá, Brazil |
| | 9 | R. Católica Nacional, Ecuador |
| | 10 | Matouri, French Guyana |
| | 1 | R. Onda Imperial, Peru |
| 5057 | 50 | Gjirokaster, Albania |
| 5060 | 1/10 | ER do Huambo, Angola |
| | 5 | Taunggyi, Burma |
| | | Xinjiang, China |
| | 50 | Karachi, Pakistan |
| | 1 | R. Amazonas, Peru |
| 5065 | 50 | Petrozavodsk, USSR |
| v | 5 | R. Nal. Progreso, Ecuador |
| 5067 | 1 | Bunia, Zaire |
| 5070 | 10 | R. Mundial Zulia, Venezuela |
| 5075 | | Beijing, China |
| | 25 | R. Sutatenza, Colombia |
| 5077v | 0.18 | R. Ichilo, Bolivia |
| 5088 | | Nghia Binh, Vietnam |
| 5090 | | Beijing, China |
| 5095 | 10/100 | Islamabad, Pakistan |
| | 50 | R. Sutatenza, Colombia |
| 5120r | | R. Mundo, Peru (v) |
| 5125 | | Beijing, China |
| 5140 | | Phu Khanh, Vietnam |
| 5145 | | Beijing, China |
| 5159v | 0.08 | R. Galaxia, Bolivia (r) |
| 5163 | | Beijing, China |
| 5165r | | R. Yungay, Peru (v) |
| 5170 | | Fujian (PLA), China |
| 5190r | 3 | R. Nuevo Continente, Peru (v) |
| 5192 | 5 | EP do Moxico, Angola |
| 5198v | | R. San Martín de Uchiza, Peru |
| 5220 | | Beijing, China |
| 5224r | 1 | La Voz del Caucayá, Colombia (v) |
| 5226r | 0.25 | R. Jaén, Peru (v) |
| 5240 | | Fujian (PLA), China |
| 5250 | | Beijing, China |
| 5257 | 1 | RRI Sibolga, Indonesia |
| 5260 | 50/100 | Alma Ata, USSR |
| 5265 | | Fujian (PLA), China |
| 5273r | | R. Moderna, Peru (v) |
| 5274r | | R. San Juan de Chota, Peru (v) |
| 5288v | 2.5/5 | R. Moundou, Chad |
| 5290 | 100 | Krasnoyarsk, USSR |
| 5295 | | Beijing, China |
| 5300r | | R. Los Andes, Peru |
| 5301r | | R. San Francisco, Peru (v) |
| 5320 | | Beijing, China |
| 5325r | | R. Acobamba, Peru (v) |
| 5340r | | R. Sta. Cruz, Peru |
| r | | R. San Miguel, Peru |
| 5360v | 1.5 | R. Visión, Peru |
| 5402r | | R. Tongod, Peru |
| 5430 | 10/20 | BPM Lintong, China |
| 5440 | | Xinjiang, China |
| 5450 | | R. Machupo, Bolivia |
| 5451 | | RRI Biak, Indonesia |
| 5475 | 10 | Bissau, Guinea-Bissau |
| 5483r | | R. San Francisco, Peru (v) |
| 5505 | 0.5 | R. Dos de Febrero, Bolivia |
| 5560r | | R. Pucara, Peru (v) |
| 5568r | | R. Cogor, Peru (v) |
| 5581v | 0.5 | R. San José, Bolivia |
| 5600 | | Bamako, Mali |
| | 1 | Xieng Khouang, Laos (PDR) |
| | | Hoang Lien Son, Vietnam |
| 5619r | | R. Ilucán, Peru |
| 5657r | | R. Bambamarca, Peru (v) |
| 5707r | | R. San Miguel, Peru (v) |
| 5738r | | R. San José, Peru (v) |
| 5750r | | Em. Nuevos Horizontes, Colombia (v) |
| 5770 | | Fujian (PLA), China |
| 5800 | | Xinjiang, China |
| r | | R. Acunta, Peru (v) |

| kHz | kW | Stations & Countries |
|---|---|---|
| 5816r | 1 | La Voz del Altiplano, Peru |
| 5846r | | R. Bolivar, Peru (v) |
| 5850 | | Beijing, China |
| 5860 | | Beijing, China |
| 5870v | | R. Corocoro, Bolivia |
| 5875v | 50/350 | Riyadh/Jeddah, Saudi Arabia |
| 5880 | | Beijing, China |
| 5882v | 1/5 | RRI Pekanbaru, Indonesia |
| 5895 | 100/250 | BRT, Belgium |
| 5900 | | USSR |
| | | Fujian (PLA), China |
| | | Chengdu, China |
| 5905 | | USSR |
| | 10/100 | Islamabad, Pakistan |
| 5910 | 100/250 | BRT, Belgium |
| | | USSR |
| | | R. El Espectador, Bolivia |
| 5915 | | USSR |
| | 20/300 | Tel Aviv, Israel |
| | | Beijing, China |
| 5920 | | USSR |
| 5925 | 50 | Tashkent/Tallin, USSR |
| 5930 | 120/250 | Prague, Czechoslovakia |
| | | USSR |
| | 15/50 | Murmansk/Tbilisi, USSR |
| v | | R. Centinela, Bolivia |
| 5932r | 25 | R. Dif. Nacional, Colombia |
| 5935 | | USSR |
| | 50 | Riga, USSR |
| | | Xizang, China |
| 5940 | | USSR |
| | 50 | Magadan, USSR |
| 5945 | 100 | Moosbrunn, Austria |
| | | USSR |
| 5950 | | USSR |
| | | Heilongjiang, China |
| | | Xizang, China |
| | 2 | R. Cuenca, Ecuador |
| | 10 | Georgetown, Guyana |
| v | 1 | R. Arequipa, Peru |
| 5954 | 1 | R. Casino, Costa Rica |
| v | 1 | R. Pio Doce, Bolivia |
| 5955 | 20/250 | RL |
| | 250 | Kavala (VOA), Greece |
| | 500 | Flevo, Netherlands |
| | 20 | R. Bafoussam, Cameroon |
| | 100 | SABC South Africa |
| | 25/100 | TWR, Swaziland |
| | 50/250 | KGEI, USA |
| | 10 | R. Cultural, Guatemala |
| | 10 | R. Gazeta, Brazil |
| | 1 | R. Nuevo Mundo, Chile |
| | 5 | La Voz de los Centauros, Colombia |
| | 0.5 | R. Huancayo, Peru |
| 5960 | 100/500 | DW, Germany |
| | 100/350 | REE, Spain |
| | | USSR |
| | 50/100 | Alma Ata, USSR |
| | 250 | Ankara, Turkey |
| | 250 | Abu Dhabi, UAE |
| | | Yunnan, China |
| | 1/2 | R. Kashmir, Jammu, India |
| | 50 | Ulan Bator, Mongolia |
| | 50/250 | Sackville (RCI), Canada |
| 5965 | 100 | RTBF, Belgium |
| | 50 | Rhodes (VOA), Greece |
| | 100/500 | TWR, Monaco |
| | 100/250 | BBC/VOA/RCI, United Kingdom |
| | | USSR |
| | 50 | Gaborone, Botswana |
| | 10 | Jos, Nigeria |
| | 100 | BBC Masirah Isl., Oman |
| | 100 | Kajang, Malaysia |
| | 2 | R. Western Highlands, Papua New Guinea |
| | 50/250 | Sackville (BBC), Canada |
| | 2.5 | R. Nal., Huanuni, Bolivia |
| | 7.5 | R. Guaiba, Brazil |
| 5967v | 50 | RTV Dominicana, Dom. Rep. (Irr.) |
| 5968v | 1 | RRI Banjarmasin, Indonesia |
| 5970 | 20/250 | RFE |

| kHz | kW | Stations & Countries |
|---|---|---|
| 5970 | | USSR |
| | 50/100 | Alma Ata/Komsomolsk, USSR |
| | 50/200 | NHK, Japan |
| v | 1 | R. El Sol, Peru |
| v | | Gansu, China |
| 5973r | 5 | R. Macarena, Colombia |
| 5975 | 100/250 | BBC, United Kingdom |
| | | USSR |
| | 10/100 | Gweru, Zimbabwe |
| | 10 | Suw'ŏn, Korea Rep. |
| v | 1 | R. Nal., Cochabamba, Bolivia |
| | 10 | R. Guarujá, Brazil |
| 5978r | 10 | Union R./AWR, Guatemala |
| 5980 | | USSR |
| | 10/250 | Freetown, Sierra Leone |
| | 250/500 | RSA, South Africa |
| | 10/250 | VOFC/V. of Asia, Taiwan |
| | 10 | Kota Kinabalu, Sabah, Malaysia |
| v | 10 | Quetta, Pakistan |
| | 50/250 | KGEI, USA |
| v | | R. El Salvador |
| | 50/500 | HCJB, Ecuador |
| v | 2 | R. Guairá, Paraguay |
| | 5 | R. Panamericana, Peru |
| 5982r | 0.5 | "R. XEUJ" Linares, México |
| 5985 | 50/500 | Tirana, Albania |
| | 20/250 | RFE/RL |
| | 250 | Kavala (VOA), Greece |
| | | USSR |
| | 7.5 | Dhaka, Bangladesh |
| | 50 | Rangoon, Burma |
| | 10 | R. East New Britain, Papua New Guinea |
| | 100 | WYFR Family Radio, USA |
| | 50/100 | VOFC via WYFR, USA |
| | 10 | "R. México Internacional", México |
| 5990 | 100/500 | RFI, France |
| | 50/100 | RAI Rome, Italy |
| | 120/250 | Bucharest, Romania |
| | 500 | RSI, Sweden |
| | 100/250 | BBC, United Kingdom |
| | | USSR |
| | 100 | Gedja, Ethiopia |
| v | 10 | Ejura, Ghana |
| | 10 | AIR Bhopal, India |
| | 10 | Azad Kashmir R., Islamabad, Pakistan |
| | 7.5 | R. MEC, Brazil |
| 5995 | 100/500 | RFI, France |
| | 100/500 | DW, Germany |
| | 250 | Kavala (VOA), Greece |
| | 8/100 | Warsaw, Poland |
| | 100 | Daventry (RCI), United Kingdom |
| | 20 | Blantyre, Malawi |
| | 50 | Bamako, Mali |
| | 10 | Mbandaka, Zaire |
| | 250 | Ankara, Turkey |
| | | Xizang, China |
| | 10 | Lyndhurst, Australia |
| | 50/500 | Greenville (VOA), USA |
| | 1 | R. Loyola, Bolivia |
| v | 2 | La Voz del Amambay, Paraguay |
| | 1 | R. Melodía, Peru |
| 6000 | 10/50 | Aldrans, Austria |
| | 100/500 | DW, Germany |
| | 250 | Cyclops (DW), Malta |
| | | USSR |
| | 100 | Sebha, Libya |
| | | Fujian (PLA), China |
| | 50 | Singapore Bc. Corp., Singapore |
| r | 5 | El Eco de Honduras, Honduras Rep. |
| | 25 | R. Inconfidência, Brazil |
| v | 5 | R. Sensación, Venezuela |
| 6005 | 100 | Berlin (RIAS), Germany |
| | | USSR |
| | 250 | BBC, Ascension Isl. |
| | 8 | R. Buea, Cameroon |
| | 10 | Zanzibar, Tanzania |
| | 100 | Al Hiswah, Yemen (PDR) |
| | | Gansu, China |
| | 10 | Ekala, Sri Lanka |
| | 0.5 | CFCX Montreal, Canada |

| kHz | kW | Stations & Countries |
|---|---|---|
| | 4 | R. Progreso, Bolivia |
| 6006 | 1 | R. Reloj, Costa Rica |
| 6008v | 0.25 | Radio Mil, México |
| 6010 | 100/250 | BRT, Belgium |
| | 100/500 | RFI, France |
| | 50/500 | RBI, GDR |
| | 100/500 | NRK, Norway |
| | 100/250 | BBC, United Kingdom |
| | | USSR |
| | 250/500 | RSA South Africa |
| | 20/250 | Limassol (BBC), Cyprus |
| | 100/250 | BBC Kranji, Singapore |
| | 50/250 | KGEI, USA |
| | 25 | R. Aparecida, Brazil |
| v | 10 | R. América, Peru |
| | 1 | R. Los Andes, Venezuela |
| 6012 | 1 | AFAN McMurdo, Antarctica |
| 6015 | 100/250 | BRT, Belgium |
| | 250 | Kavala (VOA), Greece |
| | 100/500 | NRK Norway |
| | 250 | Sines (RCI), Portugal |
| | 100/250 | BBC, United Kingdom |
| | | USSR |
| | 20/500 | Vatican Radio |
| | | Beijing, China |
| | 50 | Suw'ŏn, Korea Rep. |
| | 35/250 | VOA, Philippines |
| | 50/250 | Dixon (VOA), USA |
| | 100 | WYFR-Family Radio, USA |
| | 2.5 | R. Mira, Colombia |
| | 3 | Em. Paraguay |
| 6018 | 50 | La Voz de Nicaragua, Nicaragua |
| 6020 | 100/500 | DW, Germany |
| | 100/500 | Lopik/Flevo, Netherlands |
| | 100/500 | NRK, Norway |
| | 250 | Wooferton (VOA), United Kingdom |
| | | USSR |
| | 100 | Kiev, USSR |
| | 300 | R. Nederland, Madagascar |
| | 20 | Gweru, Zimbabwe |
| | 2.5 | AIR Simla, India |
| | 10 | R. North Solomons, Papua New Guinea |
| | 50/500 | Greenville (VOA), USA |
| | 0.25 | "La "U" de Veracruz", México |
| | 300 | R. Nederland, Bonaire, Neth. Ant. |
| | 10 | R. Universo, Brazil |
| | 1 | R. Diego Portales, Chile |
| | 5 | R. Victoria, Peru |
| | 1 | R. Anzoatégui, Venezuela |
| 6025 | 100/500 | DW Germany |
| | 3/250 | Budapest, Hungary |
| | 250 | Cyclops (DW), Malta |
| | 100 | RDP, Portugal |
| | 250 | Wooferton (VOA), United Kingdom |
| | | USSR |
| | 0.5 | Praia, Cape Verde |
| | 10 | Beira, Mozambique |
| | 10 | Enugu, Nigeria |
| | 100 | Kajang, Malaysia |
| | 10 | R. Illimani, Bolivia |
| | 10 | R. Educadora da Bahia, Brazil |
| | 1 | R. Nacional, Paraguay |
| 6026r | 5 | Ecos del Combeima, Colombia |
| 6028 | 1 | R. Nacional, Iquitos, Peru |
| 6030 | 20 | Mühlacker (SDR), Germany |
| | 100/250 | BBC, United Kingdom |
| | | USSR |
| | 25/100 | FEBA Radio, Seychelles |
| | 250 | Soroti, Uganda |
| | | C.B.C., Cyprus |
| | 20/250 | Limassol (BBC), Cyprus |
| | 100 | BBC, Masirah Isl., Oman |
| | 50/200 | NHK, Japan |
| v | 15 | FEBC, Philippines |
| | 35/250 | VOA, Philippines |
| | 0.1 | CFVP Calgary, Canada |
| | 50/500 | Greenville (VOA/AFRTS), USA |
| | 175/250 | Bethany (VOA/AFRTS), USA |
| | 1 | R. Santa Maria, Chile |
| v | 25 | R. Dif. Nacional, Colombia |
| | 1 | R. Nal. Arcangel San Gabriel, Antarctica |

| kHz | kW | Stations & Countries |
|---|---|---|
| 6035 | 100/500 | DW, Germany |
| | 250 | Wooferton (VOA), United Kingdom |
| | | USSR |
| | 250 | BBC, Ascension Isl. |
| | 50/250 | Monrovia (VOA), Liberia |
| | 100 | AIR Delhi, India |
| | 300 | Carnarvon, Australia |
| | 2 | R. Nacional, Costa Rica |
| | 10 | R. Globo, Brazil |
| | 5 | La Voz de Guaviare, Colombia |
| v | 1 | La Radio, Uruguay |
| 6040 | 100/500 | RFI, France |
| | 100/500 | DW, Germany |
| | 50/500 | RBI, GDR |
| | 250 | Wooferton (VOA), United Kingdom |
| | | USSR |
| | 7.5 | CBS, Taiwan |
| | 10 | R. Milne Bay, Papua New Guinea |
| | 50/250 | Dixon (VOA), USA |
| | 250 | DW, Antigua |
| | 10 | La Voz del Tolima, Colombia |
| 6045 | 100/500 | RFI, France |
| | 100/500 | DW, Germany |
| | 100 | Lopik, Netherlands |
| | 500 | RSI, Sweden |
| | | USSR |
| | 4 | Tambacounda, Senegal |
| | 10 | Gweru, Zimbabwe |
| | | Nei Menggu, China |
| | 100 | AIR Delhi, India |
| | | RRI Jakarta, Indonesia |
| | 10 | Lyndhurst, Australia |
| | 0.25 | R. Universidad, México |
| | 1 | R. Cristal, Bolivia |
| v | 7.5 | R. Clube, Paranaense, Brazil |
| r | 5 | R. Melodía, Colombia |
| | 10 | R. Santa Rosa, Peru |
| | 1 | R. Sport/El Espectador, Uruguay |
| 6049r | 1 | R. Santiago, Dom. Rep. |
| 6050 | 100 | RTBF, Belgium |
| | 20/250 | RFE/RL |
| | 250 | Kavala (VOA), Greece |
| | 50/100 | RAI Rome, Italy |
| | 100/250 | BBC, United Kingdom |
| | | USSR |
| | 50 | Ibadan, Nigeria |
| | 20/250 | Limassol (BBC), Cyprus |
| | 10 | Sibu, Sarawak, Malaysia |
| | 50/500 | HCJB, Ecuador |
| 6055 | 100/250 | Prague, Czechoslovakia |
| | 100/500 | RFI, France |
| | | USSR |
| | 50 | R. Rwanda, Rwanda |
| | 250 | Kuwait |
| | 50 | NSB Tokyo, Japan |
| | 50/500 | Greenville (VOA/UN), USA |
| | 50/250 | Dixon (VOA), USA |
| | 250 | Delano (VOA/BBC), USA |
| | 7.5 | R. Record, Brazil |
| v | 2 | R. Continental, Peru |
| 6058 | | Chengdu, China |
| 6060 | 100 | Munich (VOA), Germany |
| | 250 | Kavala (VOA), Greece |
| | 25 | Caltanissetta, Italy |
| | 100 | RDP, Portugal |
| | 250 | Wooferton (VOA), United Kingdom |
| | | USSR |
| | 4 | Niamey, Niger |
| | 50 | Lusaka, Zambia |
| | 10 | Miri, Sarawak, Malaysia |
| | 100 | Shepparton, Australia |
| | 50/100 | Habana, Cuba |
| | 50 | R. Nacional, Argentina |
| | 5 | R. JSV, Huanuco, Peru |
| 6065 | 100/500 | DW, Germany |
| | 100/350 | REE, Spain |
| | 500 | RSI Sweden |
| | | USSR |
| | 250/500 | RSA, South Africa |
| | 100 | Islamabad, Pakistan |
| | 35/250 | VOA, Philippines |

| kHz | kW | Stations & Countries |
|---|---|---|
| 6065 | 100/250 | BBC Kranji, Singapore |
| | 250 | DW, Sri Lanka |
| | 50/250 | Sackville (CBC), Canada |
| | 50/100 | WYFR Family Radio, USA |
| | 250 | R. Nacional de Amazonia, Brazil |
| | 5 | R. Super, Colombia |
| 6069 | 2 | R. El Cóndor, Oruro, Bolivia |
| 6070 | 100/500 | Sofia, Bulgaria |
| | 20/250 | RFE/RL |
| | 50/500 | RBI, GDR |
| | | USSR |
| | 10/50 | ELWA Monrovia, Liberia |
| | 25/100 | TWR, Swaziland |
| | 20/250 | Limassol (BBC), Cyprus |
| | | Jilin, China |
| | 20 | RRI Jayapura, Indonesia |
| | 10 | Bangkok, Thailand |
| | 1 | CFRX Toronto, Canada |
| | 5 | R. Itatiaia, Brazil |
| | 3 | R. El Mercurio, Ecuador |
| | 50/500 | HCJB, Ecuador |
| v | 2 | La Voz de Huamanga, Peru |
| | 10 | R. Mundial, Venezuela |
| 6075 | 100/500 | DW, Germany |
| | 100 | RDP Portugal |
| | | USSR |
| | | Beijing, China |
| | 10 | Ekala, Sri Lanka |
| v | 1 | R. Rumbo, Costa Rica |
| | 2 | La Voz del Junco, Honduras Rep. |
| | 2 | R. Mineria, Chile |
| | 10 | R. Sutatenza, Colombia |
| 6080 | 50/500 | RBI, GDR |
| | 50 | Rhodes (VOA), Greece |
| | 250 | Wooferton (VOA), United Kingdom |
| | | USSR |
| | 250 | Ankara, Turkey |
| v | | Nei Menggu, China |
| | 50/100 | NHK, Japan |
| | 50 | FEBC, Philippines |
| | 100/250 | BBC Kranji, Singapore |
| | 100 | Shepparton, Australia |
| | 10 | R. Western, Papua New Guinea |
| | 0.01 | CKFX Vancouver, Canada |
| | 50/500 | Greenville (VOA), USA |
| | | R. Provincia de Santa Cruz, Argentina (Irr.) |
| | 10 | R. Rio Grande do Sul, Brazil |
| | 1 | R. Patagonia, Chile |
| | 1 | R. Zaraza, Venezuela |
| 6082r | 0.25 | R. Nueva Victoria, Costa Rica |
| | 0.85 | R. 21 de Diciembre, Bolivia |
| | 1 | R. Nacional, Peru |
| 6085 | 100/500 | Sofia, Bulgaria |
| | 100/500 | RFI France |
| | 100 | Munich (BR), Germany |
| | 100/500 | DW, Germany |
| | 250 | Kavala (VOA), Greece |
| | 250 | Cyclops (DW), Malta |
| | 250 | Sines (NHK), Portugal |
| | 100/250 | BBC, United Kingdom |
| | | USSR |
| | 250 | BBC, Ascension Isl. |
| | 100 | Seeb, Oman |
| | 50/250 | Sackville (DW), Canada |
| | 250 | DW, Antigua |
| | 15 | R. Jornal do Comercio, Brazil |
| | 1 | Ondas del Darién, Colombia |
| 6087 | | CBS, Taiwan |
| 6090 | 100 | Munich (VOA), Germany |
| | 250/500 | R. Luxembourg |
| | | USSR |
| | 50 | Irkutsk, USSR |
| | 50 | LBS, Monrovia, Liberia |
| | 35/100 | Tangier (VOA), Morocco |
| v | 10 | Beira, Mozambique |
| v | 250 | Kaduna, Nigeria |
| v | | Phnom-Penh, Kampuchea |
| | 50/100 | Habana, Cuba |
| | 1 | Ciudad Mante, México |
| | 30 | R. Belgrano, Argentina |

| kHz | kW | Stations & Countries |
|---|---|---|
| 6090 | 50/500 | HCJB Ecuador |
| | 5 | R. Dif. La Pascua, Venezuela |
| | 1 | R. Jardin, Venezuela |
| 6095 | 20/250 | RFE/RL |
| | 100 | Munich (VOA), Germany |
| | 250 | Kavala (VOA), Greece |
| | 8/100 | Warsaw, Poland |
| | | USSR |
| | 35/100 | Tangier (VOA), Morocco |
| | 50 | Mogadishu, Somalia |
| | | Beijing, China |
| | 50 | Karachi, Pakistan |
| | 100 | WYFR Family Radio, USA |
| | 5 | La Voz del Centro, Colombia |
| | 50/500 | HCJB, Ecuador |
| 6100 | 100/500 | DW, Germany |
| | 250 | Cyclops (DW), Germany |
| | 100/250 | BBC, United Kingdom |
| | | USSR |
| | 50 | Kaunas, USSR |
| | 100 | Beograd, Yugoslavia |
| | 250 | Abu Ghraib, Iraq |
| v | | Xinjiang, China |
| | 100 | Kajang, Malaysia |
| | 35/250 | VOA, Philippines |
| | 100 | KNLS Anchor Point, Alaska |
| r | 50 | La Voz de Nicaragua (v) |
| | 5 | R. Cultura, Foz de Iguaçu, Brazil |
| | 1 | R. Calama, Chile |
| | 1 | YVTO Caracas, Venezuela |
| 6105 | 20/250 | RFE/RL |
| | 50 | Rhodes (VOA), Greece |
| | 500 | RSI, Sweden |
| | | USSR |
| | 50 | Dar es Salaam, Tanzania |
| | 100 | AIR Delhi, India |
| | 100 | WYFR Family Radio, USA |
| | 2 | R. Universidad, Costa Rica |
| | 0.25 | Merida, México |
| | 5 | Ceará Radio Clube, Brazil |
| r | 1 | R. Tropical, Colombia |
| | 1 | R. Nacional, Tacna, Peru |
| 6106 | 7.5 | R. Panamericana, Bolivia |
| 6110 | 3/250 | Budapest, Hungary |
| | 250 | Cyclops (R. Mediterran), Malta |
| | 500 | Flevo, Netherlands |
| | 100/250 | BBC, United Kingdom |
| | 50 | Baku, USSR |
| | | Beijing, China |
| | 7.5 | R. Kashmir, Srinagar, India |
| | 35/250 | VOA Philippines |
| | 1 | R. Charitas, Paraguay |
| 6115 | 20/250 | RFE/RL |
| | 50/500 | RBI, GDR |
| | | USSR |
| | 25 | Brazzaville, Congo |
| | 25 | Maputo, Mozambique |
| | 10 | NSB Tokyo, Japan |
| | 50 | FEBC, Philippines |
| | | Habana (R. Moscow Relay), Cuba |
| | 1 | Hermosillo, México |
| | 2 | La Voz del Llano, Colombia |
| | 10 | R. Unión, Peru |
| 6120 | 15/250 | Pori, Finland |
| | 100/500 | DW, Germany |
| | | USSR |
| | 50 | Batá, Equatorial Guinea |
| | 20/250 | Limassol (BBC), Cyprus |
| | | Xinjiang, China |
| | 100 | AIR Delhi, India |
| | 0.25 | RRI Surabaya, Indonesia |
| | 50 | FEBC Philippines |
| | 50/250 | Sackville (BBC), Canada |
| v | 2 | R. Zinica, Nicaragua |
| | | R. Nacional, Argentina |
| v | 10 | R. Super, Colombia |
| | 1 | R. Angostura, Venezuela |
| 6125 | 50/500 | RBI, GDR |
| | 100/250 | BBC/VOA, United Kingdom |
| | | USSR |

| kHz | kW | Stations & Countries |
|---|---|---|
| 6125 | 100 | Ashkhabad, USSR |
| | 175/250 | Bethany (VOA), USA |
| | 7.5 | R. Globo, Brazil |
| | 1 | R. Continental, Colombia |
| 6127 | 0.5 | RRI Nabire, Indonesia |
| 6130 | 100/500 | DW, Germany |
| | 100 | RDP, Portugal |
| | 250 | Wooferton (VOA), United Kingdom |
| | | USSR |
| | 100 | Tema, Ghana |
| | 20/250 | Limassol (BBC), Cyprus |
| | 10 | Vientiane, Laos (PDR) |
| | 10/100 | Islamabad, Pakistan |
| | 35/250 | VOA Philippines |
| | 10 | Ekala, Sri Lanka |
| | 0.5 | CHNX Halifax, Canada |
| | 50/500 | Greenville (VOA), USA |
| | 50/500 | HCJB, Ecuador |
| v | 1 | R. Valles del Tuy, Venezuela |
| 6135 | 50/500 | Tirana, Albania |
| | 100/500 | Sofia, Bulgaria |
| | 100/500 | DW, Germany |
| | 20/250 | RFE/RL |
| | 8/100 | Warsaw, Poland |
| | 150 | Schwarzenburg, Switzerland |
| | 50 | Baku, USSR |
| v | 30/100 | Antananarivo, Madagascar (DR) |
| | 25/100 | TWR, Swaziland |
| | 50 | San'a, Yemen Arab Rep. |
| | 1 | RRI Samarinda, Indonesia |
| v | 10 | Suw'ŏn, Korea Rep. |
| | 4 | Papeete, Tahiti |
| | 7.5 | R. Gaucha, Brazil |
| | 10 | R. Universidad de Concepción, Chile |
| 6137r | | R. Colonial, Peru (v) |
| 6140 | 100/500 | RFI, France |
| | 100/500 | DW, Germany |
| | 100/350 | RFE, Spain |
| | 100/250 | BBC/VOA, United Kingdom |
| | | USSR |
| | 25 | Gitega, Burundi |
| | 10 | Maiduguri, Nigeria |
| | | Beijing, China |
| | 10 | Wanneroo, Australia |
| | 10 | R. East Sepik, Papua New Guinea |
| | 50/250 | Sackville (RCI), Canada |
| | 50/250 | Delano (VOA), USA |
| | 50/100 | Habana, Cuba |
| | 5 | R. Visión, Ecuador |
| | 50/500 | HCJB, Ecuador |
| | 1 | R. Huayllay, Peru |
| | 0.5 | R. Amazonas, Peru |
| | 1.5 | R. Monte Carlo, Uruguay |
| | 1 | R. Petrolera, Venezuela |
| 6145 | 100/500 | DW, Germany |
| | 100/250 | BBC, United Kingdom |
| | | USSR |
| | 50 | Alger, Algeria |
| | 10 | Calabar, Nigeria |
| | 100 | AIR Delhi, India |
| | 1 | R. Minería, Peru |
| 6146v | 0.6 | R. Luis de Fuentes, Bolivia |
| 6150 | 50/500 | Tirana, Albania |
| | 100 | Munich (VOA), Germany |
| | 250 | Kavala (VOA), Greece |
| | 120/250 | Bucharest, Romania |
| | 100/250 | BBC/VOA, United Kingdom |
| | 35/100 | Tangier (VOA), Morocco |
| | 7.5 | R. Bayrak, Cyprus |
| | 100/350 | Kalamabad, Iran |
| | | Heilongjiang, China |
| | 10 | Ekala, Sri Lanka |
| | 10 | Melbourne, Australia |
| | 50/250 | KGEI, USA |
| | 20 | R. Impacto, Costa Rica |
| | 5 | R. Nal. de Chile, Chile |
| | 2 | La Voz del Huila, Colombia |
| | 2 | R. Armónia, Venezuela |
| 6155 | 100/500 | Moosbrunn, Austria (AM/SSB) |
| | 120/250 | Bucharest, Romania |
| | | USSR |

| kHz | kW | Stations & Countries |
|---|---|---|
| 6155v | 18 | Conakry, Guinea Rep. |
| | 500 | Tripoli/Sabrata, Libya |
| | 100 | SCR, Swaziland |
| | 10 | Kara, Togo |
| | 250 | Abu Dhabi, UAE |
| | | Gansu, China |
| | 100 | AIR Delhi, India |
| | 10 | FEN Tokyo, Japan |
| | 50 | Singapore Bc. Corp., Singapore |
| | 100 | WYFR Family Radio, USA |
| | 250 | BBC, Antigua |
| v | 2 | R. Citadelle, Haiti (r) |
| | 1 | R. Fides, Bolivia |
| | 10 | R. Cult. da Bahia, Brazil |
| | 1 | R. Pucallpa, Peru |
| 6160 | 100/500 | Sofia, Bulgaria |
| | 100/500 | DW, Germany |
| | 250 | Kavala (VOA), Greece |
| | 120/250 | Bucharest, Romania |
| | 250 | Wooferton (VOA), United Kingdom |
| | | USSR |
| | 50 | Alger, Algeria |
| | 1 | ER de Benguela, Angola |
| | 250/500 | RSA, South Africa |
| | 250 | DW, Sri Lanka |
| | 0.5 | CKZU Vancouver, Canada |
| | 0.3 | CKZN St. Johns, Canada |
| | 100 | WYFR Family Radio, USA |
| | 0.25 | R. San Cristobal, Dom. Rep. |
| | 1 | R. Prov. de Misiones, Argentina |
| | 1 | R. Malargüe, Argentina |
| v | 10 | Emis. Nueva Granada, Colombia |
| 6165 | 50/100 | RAI Rome, Italy |
| | 250 | Lenk, Switzerland |
| | | USSR |
| | 20 | Lusaka, Zambia |
| | | Beijing, China |
| | | Pyongyang, Korea (DPR) |
| | 10 | 'La Voz de la América Latina', México |
| | 300 | R. Nederland, Bonaire, Neth. Ant. |
| | 10 | R. Cultura, Brazil |
| 6170 | 50/500 | Tirana, Albania |
| | 100/250 | RFE/RL |
| | | USSR |
| | 100 | Salman Pak, Iraq |
| | 10 | AIR Lucknow, India |
| | 10 | Maharlika Bc. System, Philippines |
| | 100 | KNLS Anchor Point, Alaska |
| | 1 | La Voz de la Selva, Colombia |
| | 4 | Matouri, French Guiana |
| | 1 | R. Corporación, Peru |
| | 20 | R. Nacional, Venezuela |
| 6175 | 100/500 | RFI, France |
| | | USSR |
| | 10 | Luanda, Angola |
| | 10 | Kaduna, Nigeria |
| | 100/250 | Gimje, Korea Rep. |
| | 100 | Kajang, Malaysia |
| | 100 | WYFR Family Radio, USA |
| | 250 | BBC, Antigua |
| | 2.5 | Faro del Caribe, Costa Rica |
| | 10 | R. Indoamérica, Bolivia |
| | 10 | R. Guarani, Brazil |
| | 5 | R. Tawantinsuyo, Peru |
| 6176 | | Shaanxi, China |
| 6178 | 0.9 | NHK Tokyo, Japan (SSB) |
| 6180 | 50/500 | Tirana, Albania |
| | 250 | Wooferton (VOA), United Kingdom |
| | | USSR |
| | 50/100 | Alma Ata, USSR |
| | 50/250 | Monrovia (VOA), Liberia |
| | 35/100 | Tangier (VOA), Morocco |
| | 4 | Ziguinchor, Senegal |
| | 20/100 | Limassol (BBC), Cyprus |
| | | CBS, Taiwan |
| | 10 | R. Nal. "La Voz de Guatemala", Guatemala |
| v | 1 | R. Nal. Mendoza, Argentina |
| | 25 | R. Nacional, Colombia |
| | 1 | R. Turismo, Venezuela |
| 6185 | 50/500 | Tirana, Albania |
| | 100/250 | BBC, United Kingdom |

| kHz | kW | Stations & Countries |
|---|---|---|
| 1685 | | USSR |
| | 20/500 | Vatican Radio |
| | 100 | Tripoli, Libya |
| | 100 | Windhoek, South West Africa |
| | 250 | Abu Dhabi, UAE |
| | 0.5 | RRI Manokwari, Indonesia |
| | 35/250 | VOA, Philippines |
| | 100/250 | BBC Kranji, Singapore |
| | 10 | Ekala, Sri Lanka |
| | 250 | DW, Sri Lanka |
| | 100 | WYFR Family Radio, USA |
| | 100 | WRNO, USA |
| | 1 | R. Educación, México |
| | 10 | R. Bandeirantes, Brazil |
| | 10 | R. Omega, Peru |
| 6190 | 10 | R. Bremen/SFB, Germany |
| | 100/500 | DW, Germany |
| | 250 | Sines (DW), Portugal |
| | 120/250 | Bucharest, Romania |
| | | USSR |
| | 20/500 | Vatican Radio |
| | 100 | BBC Relay, Lesotho |
| | 50/250 | Monrovia (VOA/UN), Liberia |
| | 50/500 | Greenville (VOA), USA |
| r | 0.5 | La Voz de la Libertad, Dom. Rep. (Irr.) |
| | 1/10 | R. Nal. de Chile, Chile |
| r | 1 | R. Oriente, Peru |
| | 1 | Ecos del Torbes, Venezuela |
| 6195 | 50/500 | RBI, GDR |
| | 100/250 | BBC, United Kingdom |
| | | USSR |
| | 50 | Baku, USSR |
| | 10 | Sokoto, Nigeria |
| | 20/250 | Limassol (BBC), Cyprus |
| | | Beijing, China |
| | 100/250 | BBC Kranji, Singapore |
| | 50/250 | Sackville (CBC), Canada |
| | 250 | BBC, Antigua |
| | 10 | R. Stentor, Bolivia |
| | 7.5 | R. Capital, Brazil |
| | 1/10 | R. Nal. de Chile, Chile |
| | 1 | La Voz de Cali, Colombia |
| | 1 | R. Cuzco, Peru |
| 6200 | 50/500 | Tirana, Albania |
| | | USSR |
| | | Beijing, China |
| | 1 | R. Sandino, Nicaragua |
| 6215 | 10 | KING of Hope, Lebanon |
| 6218v | | R. Totoral, Bolivia (r) |
| 6225 | 100/250 | Avlis/Kavala, Greece |
| | | Beijing, China |
| | | R. Em. Manantial, Chile |
| 6230v | 50 | Kabul, Afghanistan |
| 6232r | | Estación C, Moyobamba, Peru (v) |
| 6242r | | R. Municipal Calca, Peru (v) |
| 6245 | | Lai Chau, Vietnam |
| 6250 | 80 | Vatican Radio |
| | 10 | Malabo, Equatorial Guinea |
| | | Pyongyang, Korea (DPR) |
| 6260 | | R. Quinghai, China |
| 6272r | 0.2 | R. Huayabamba, Peru (v) |
| 6297r | | R. Chota, Peru (v) |
| 6330 | | Son La, Vietnam |
| 6340 | | R. Na Gael, Dublin, Ireland |
| v | 1 | Türkiye Polis Radyosu, Turkey |
| v | | R. La Voz del Caine, Cochabamba, Bolivia (r) |
| 6364r | | R. Moderna/Estación Prefencial, Peru (v) |
| 6383 | 50 | Ulan Bator, Mongolia |
| 6400 | | Fujian (PLA), China |
| | | Pyongyang, Korea (DPR) |
| 6426 | | Hanoi, Vietnam |
| 6428r | | R. Espinar, Peru (v) |
| 6430 | | Beijing, China |
| 6450 | | Hanoi, Vietnam |
| 6475.5 | 5 | DAM Hamburg, Germany |
| 6480 | 100/250 | Gimje, Korea Rep. |
| 6493 | | Beijing, China |
| 6500 | | Quinghai, China |
| 6510 | | Lang Son, Vietnam |
| 6521 | | Cao Bang, Vietnam |
| 6524r | | R. La Voz de la Juventud, Ecuador (v) |


NEW

ESKA®

**NRD-515 OWNERS: LOOK HERE**

Now you can greatly improve the selectivity and signal to noise ratio of your NRD-515 and get at the same time superb PLL-ECSS reception without the addition of extra, costly outboard accessories.

**ESKA ELEKTRONIK A/S** offer you two printed circuit boards which very easily can be mounted inside your **NDR-515.**

**OPTION 1:**
Printed circuit board with 1 mechanical filter for 500 Hz and 1 filter for 1.6 KHz.

**OPTION 1 + 2:**
Option 1 as mentioned, combined with an additional printed circuit board with 5 extra filters and phase-locked AM detector.

The combination Option 1 + 2 provides you the following selectivities:

**Monitor switch on:**
6/60 dB shape factor 1/1.7

Pos. 1: 300 Hz
Pos. 2: 1.4 KHz
Pos. 3: 2.1 KHz
Pos. 4: 4.5 KHz

**Monitor switch off:**
6/60 dB shape factor 1/2.5
(Original filters)
Pos. 1: 500 Hz
Pos. 2: 1.6 KHz
Pos. 3: 2.4 KHz
Pos. 4: 8 KHz

Option 1 + 2 improves the signal-to noise-radio by 10 dB compared with the original NRD-515.

Option 1 + 2 incorporates a »phase-locked AM« detector which ensures distortion free reception of AM shortwave broadcast stations, even during severe fading and interference.

**For free information, please write to:**
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Møllestræde 5 - DK-3400 Hillerød - Denmark
Phone: +452 25 55 80 -Telex: 42211 eska dk

**available world-wide through network of appointed dealers.**

| kHz | kW | Stations & Countries |
|---|---|---|
| 6540 | | Pyongyang, Korea (DPR) |
| 6550 | 15 | R. Voice of Lebanon |
| 6560 | | Beijing, China |
| 6576 | | Pyongyang, Korea (DPR) |
| 6580r | | R. La Cumbre, Peru (v) |
| 6588 | | Lai Chau, Vietnam |
| 6590 | | Beijing, China |
| 6600 | | Pyongyang, Korea (DPR) |
| 6665 | | Beijing, China |
| 6675r | | R. Pedro Domingo Murillo, Bolivia |
| 6679 | | Hong Kong Aeradio, Hong Kong |
| 6680 | | Hoang Lien Son, Vietnam |
| 6700 | 1 | Xieng Khouang, Laos (PDR) |
| 6725r | | R. Satélite, Peru (v) |
| 6750 | | Beijing, China |
| 6765 | | Fujian (PLA), China |
| 6790 | | Beijing, China |
| 6810 | | Beijing, China |
| 6814r | | R. Nuevo Eden, Peru (v) |
| 6822 | | Bac Thai, Vietnam |
| 6825 | | Beijing, China |
| 6840 | | EBC San Fernando, Spain |
| 6858v | 1 | Oudom Xay, Laos (PDR) |
| 6860 | | Beijing, China |
| 6890 | | Beijing, China |
| 6900 | 2.5 | Meteorological Sce., Turkey |
| 6908r | 0.1 | R. Cotorumi, Peru |
| 6910 | 0.8 | R. Dublin Int., Ireland |
| 6933 | | Beijing, China |
| 6937 | | Yunnan, China |
| 6955 | | Beijing, China |
| 6974 | | Nei Menggu, China |
| 6995 | | Beijing, China |
| 6997v | 1 | Louang Prabang, Laos (DPR) |
| 7005 | 0.3 | R. Cameroon, Cameroon (Mobile) |
| 7008v | | Phnom Penh, Kampuchea |
| 7010 | | Beijing, China |
| 7025 | | Fujian (PLA), China |
| 7029v | 25 | Vientiane, Laos (PDR) |
| 7030 | 50/500 | Tirana, Albania |
| 7035 | | Beijing, China |
| 7040 | 0.1 | Radio NYAB, Bhutan |
| 7050 | | Xinjiang, China |
| 7053r | | R. Celendín, Peru (v) |
| 7055 | | Beijing, China |
| 7065 | 50/500 | Tirana, Albania |
| 7073r | | R. El Sol de los Andes, Peru (v) |
| 7075 | 50/500 | Tirana, Albania |
| 7080 | 50/500 | Tirana, Albania |
| | | Beijing, China |
| 7090 | 50/500 | Tirana, Albania |
| | 100 | Islamabad, Pakistan |
| 7095 | | Beijing, China |
| | 100 | Islamabad, Pakistan |
| 7098v | 10 | RRI Yogyakarta, Indonesia |
| 7100 | | USSR |
| | 50/100 | Yakutsk, USSR |
| 7103 | 25 | Brazzaville, Congo |
| 7105 | 100/500 | DW, Germany |
| | 100 | Munich (VOA), Germany |
| | 250 | Kavala (VOA), Greece |
| | 1 | R. Time/IBC, Italy |
| | 250 | Cyclops (DW), Malta |
| | 120/250 | Bucharest, Romania |
| | 100/350 | REE, Spain |
| | 100/250 | BBC, United Kingdom |
| | | USSR |
| | 250 | BBC, Ascension Island |
| | 20/250 | Limassol (BBC), Cyprus |
| | | CBS, Taiwan |
| | 100 | AIR Delhi, India |
| | 50/200 | NHK, Japan |
| | 35 | Colombo (VOA), Sri Lanka |
| 7110 | 100/500 | DW, Germany |
| | | USSR |
| | 100 | Gedja, Ethiopia |
| | 50 | Bamako, Mali |
| v | 10 | Maputo, Mozambique |
| | | Xizang, China |
| | 10 | AIR Delhi, India |

| kHz | kW | Stations & Countries |
|---|---|---|
| 7110 | 250 | DW, Sri Lanka |
| 7115 | 100/500 | Sofia, Bulgaria |
| | 20/250 | RFE/RL |
| | | USSR |
| | 10 | Bandundu, Zaire |
| | 35 | Colombo (VOA), Sri Lanka |
| | 10 | Bangkok, Thailand |
| 7120 | 50/500 | Tirana, Albania |
| | 100/250 | BBC/VOA, United Kingdom |
| | | USSR |
| | 100 | N'djamena, Chad |
| | 10 | Hargeisa, Somalia |
| | 250 | Kuwait |
| | 100 | AIR Delhi, India |
| | 10 | Peshawar, Pakistan |
| | 35/250 | VOA, Philippines |
| | 100/250 | BBC Kranji, Singapore |
| 7125 | 250 | Kavala (VOA), Greece |
| | 8/100 | Warsaw, Poland |
| | 250 | Wooferton (VOA), United Kingdom |
| | 18 | Conakry, Guinea Rep. |
| | 5 | Nairobi, Kenya |
| | 2 | AIR Ranchi, India |
| | 35 | Colombo (VOA), Sri Lanka |
| 7130 | 100 | Moosbrunn, Austria |
| | 100/500 | DW, Germany |
| | 250 | Kavala (VOA), Greece |
| | 100/350 | REE, Spain |
| | 100/250 | BBC/VOA, United Kingdom |
| | | USSR |
| | 100 | Blantyre, Malawi |
| | 25/100 | FEBA Radio, Seychelles |
| | | C.B.C. (via BBC Limassol), Cyprus |
| | 50/350 | Riyadh/Jeddah, Saudi Arabia |
| | 10/250 | VOFC, Taiwan |
| | | WYFR via VOFC, Taiwan |
| | 10 | Kuching, Sarawak, Malaysia |
| 7135 | 100/500 | Sofia, Bulgaria |
| | 100/500 | RFI, France |
| | 250 | Kavala (VOA), Greece |
| | 3/250 | Budapest, Hungary |
| | 120/250 | Bucharest, Romania |
| | | USSR |
| | | R. Habana Relay, USSR |
| | 500 | RFI Relay, Gabon |
| | 50/250 | Monrovia (VOA), Liberia |
| | 20/250 | Limassol (BBC), Cyprus |
| | 100 | BBC Masirah Isl., Oman |
| | 250 | Darwin, Australia |
| 7140 | 0.5 | R. Spoleto Intern., Italy |
| | 100/250 | BBC, United Kingdom |
| | | USSR |
| | 100 | R. Douala, Cameroon |
| | 100 | Nairobi, Kenya |
| | 20/250 | Limassol (BBC), Cyprus |
| | 100 | BBC Masirah Isl., Oman |
| | | Beijing, China |
| | 100 | AIR Delhi, India |
| | 10 | AIR Hyderabad, India |
| | 10 | RRI Ambon, Indonesia |
| | 50/200 | NHK, Japan |
| | 35/250 | VOA, Philippines |
| 7145 | 50/500 | Tirana, Albania |
| | 100/500 | RFI, France |
| | 100/500 | DW, Germany |
| | 20/250 | RFE/RL |
| | 8/100 | Warsaw, Poland |
| | 120/250 | Bucharest, Romania |
| | | USSR |
| | 0.25 | Quelimane, Mozambique |
| | 10 | Ilorin, Nigeria |
| | 50/350 | Riyadh/Jeddah, Saudi Arabia |
| | 250 | Abu Dhabi, UAE |
| | 10 | Kuching, Sarawak, Malaysia |
| 7150 | 100/500 | DW, Germany |
| | 100/250 | BBC, United Kingdom |
| | | USSR |
| | 100 | Abu Zabaal, Egypt |
| | 5 | Nairobi, Kenya |
| | 500 | Tripoli/Sabrata, Libya |

| kHz | kW | Stations & Countries |
|---|---|---|
| 7150 | 10 | Capital Radio, Transkei |
| | 500 | Salah el Deen, Iraq |
| | 100 | CBS, Taiwan |
| | 10 | AIR Gauhati, India |
| 7155 | 500 | Moosbrunn, Austria |
| | 100/500 | Sofia, Bulgaria |
| | 100/500 | DW, Germany |
| | 20/250 | RFE/RL |
| | 3/250 | Budapest, Hungary |
| | 100/250 | BBC, United Kingdom |
| | 100 | Daventry (RCI), United Kingdom |
| | 10 | R. Voz de São Vicente, Cape Verde |
| | 30/100 | Niamey, Niger |
| | 100 | Amman, Jordan |
| | 50/350 | Riyadh/Jeddah, Saudi Arabia |
| | 50/200 | NHK, Japan |
| 7160 | 100/500 | RFI, France |
| | 100/500 | TWR, Monaco |
| | | USSR |
| | 10 | ER do Huambo, Angola |
| | 250 | BBC, Ascension Isl. |
| | 250 | RFI Relay, Gabon |
| | 25/100 | FEBA Radio, Seychelles |
| | 20/250 | Limassol (BBC), Cyprus |
| | 100 | BBC Masirah Isl., Oman |
| | 10 | AIR Madras, India |
| | 10 | Kuching, Sarawak, Malaysia |
| 7165 | 100 | Moosbrunn, Austria |
| | 20/250 | RFE/RL |
| | 3/250 | Budapest, Hungary |
| | 100/250 | BBC, United Kingdom |
| | | USSR |
| | 20 | R. Bertoua, Cameroon |
| | 100 | Gedja, Ethiopia |
| | 25/100 | FEBA Radio, Seychelles |
| | 10 | Dar es Salaam, Tanzania |
| | 5/100 | Khumaltar/Jawalakhel, Nepal |
| | 10 | Azad Kashmir R., Islamabad, Pakistan |
| 7170 | 100 | Moosbrunn, Austria |
| | 100/500 | DW, Germany |
| | 250 | Kavala (VOA), Greece |
| | 100 | RDP, Portugal |
| | 100/250 | BBC/VOA, United Kingdom |
| | | USSR |
| | 1 | ER do Lobito, Angola |
| | 100 | Dakar, Senegal |
| | 100 | SABC, South Africa |
| | | Xizang, China |
| | 2 | AIR Kohima, India |
| | 100 | AIR, Delhi, India |
| | 10 | Singapore Bc. Corp., Singapore |
| | 20 | Noumea, New Caledonia |
| 7175 | 100/500 | DW, Germany |
| | 5 | Caltanissetta, Italy |
| | 120/250 | Bucharest, Romania |
| | | USSR |
| | 250 | Monrovia (VOA), Liberia |
| 7180 | 20/250 | RFE/RL |
| | 250 | Kavala (VOA), Greece |
| | 100/250 | BBC/VOA, United Kingdom |
| | 250 | Wooferton (VOA), United Kingdom |
| | 250 | Abu Ghraib, Iraq |
| | 10 | AIR Bhopal, India |
| | 250 | AIR Aligarh, India |
| | 100/250 | BBC Kranji, Singapore |
| 7185 | 50/500 | RBI, GDR |
| | 100/250 | BBC, United Kingdom |
| | | USSR |
| | 50 | Rangoon, Burma |
| 7190 | 20/250 | RFE/RL |
| | 20 | Parakou, Benin |
| | 35/100 | Tangier (VOA), Morocco |
| | 100 | Windhoek, South West Africa |
| | 100 | Al Hiswah, Yemen (PDR) |
| | | Beijing, China |
| | 10/35 | Ekala, Sri Lanka |
| 7195 | 120/250 | Bucharest, Romania |
| | | USSR |
| | 50/250 | Monrovia (VOA), Liberia |
| | 50/350 | Riyadh/Jeddah, Saudi Arabia |

| kHz | kW | Stations & Countries |
|---|---|---|
| 7195 | 250 | AIR Aligarh, India |
| | 35/250 | VOA, Philippines |
| 7200 | 100/500 | DW, Germany |
| | 20/250 | RFE/RL |
| | 250 | Kavala (VOA), Greece |
| | 250 | Wooferton (VOA), United Kingdom |
| | | USSR |
| | 50/100 | Yakutsk, USSR |
| | 50 | Beograd, Yugoslavia |
| | 250 | Africa No. 1, Gabon |
| | 100 | Mogadishu, Somalia |
| | 10/50 | Kabul, Afganistan |
| | 10 | Penang, Malaysia |
| | 250 | DW, Sri Lanka |
| 7205 | 50 | Rhodes (VOA), Greece |
| | 3/250 | Budapest, Hungary |
| | 100/500 | TWR, Monaco |
| | | USSR |
| | 4/30 | Yaoundé, Cameroon |
| | 10 | Lubumbashi, Zaire |
| | 100 | Shepparton, Australia |
| 7210 | 250 | Kavala (VOA), Greece |
| | 100/500 | NRK, Norway |
| | 150 | Schwarzenburg (Red Cross), Switzerland |
| | 100/250 | BBC/VOA, United Kingdom |
| | | USSR |
| | 50/15 | Khabarovsk/Minsk, USSR |
| | 4 | Dakar, Senegal |
| | 20/250 | Limassol (BBC), Cyprus |
| | | Yunnan, China |
| | 10 | AIR Calcutta, India |
| | 100 | FEBC, Philippines |
| | 35/250 | VOA, Philippines |
| 7211 | 0.5 | RRI Biak, Indonesia |
| 7215 | 20/250 | RFE/RL |
| | 0.1 | R. Manila, Torino, Italy |
| | 100/500 | NRK, Norway |
| | | USSR |
| | 10 | Luanda, Angola |
| | 10/20 | Abidjan, Ivory Coast |
| | 100/350 | Kalamabad, Iran |
| | 250/500 | Ankara, Turkey |
| | 250 | Abu Dhabi, UAE |
| 100 | AIR Delhi, India | |
| | 100/250 | Carnarvon, Australia |
| 7220 | 20/250 | RFE/RL |
| | 3/250 | Budapest, Hungary |
| | 250 | Wooferton (VOA), United Kingdom |
| | | USSR |
| | 100 | Bangui, Central African Rep. |
| | 50 | Lusaka, Zambia |
| | 50/350 | Riyadh/Jeddah, Saudi Arabia |
| | 100/250 | Dhaka, Bangladesh |
| 7225 | 100/500 | DW, Germany |
| | 3/250 | Budapest, Hungary |
| | 120/250 | Bucharest, Romania |
| | 250 | DW Kigali, Rwanda |
| | 100 | Sfax, Tunisia |
| | 250 | Abu Dhabi, UAE |
| | | Chengdu, China |
| | 100 | AIR Delhi, India |
| | 50/200 | NHK, Japan |
| | 35/250 | VOA, Philippines |
| 7230 | 100/250 | BBC/RCI, United Kingdom |
| | | USSR |
| | 4 | Ouagadougou, Burkina Faso |
| | 20/250 | Limassol (BBC), Cyprus |
| | 100/350 | Kalamabad, Iran |
| | 100 | BBC Masirah Isl., Oman |
| | 20 | AIR Kurseong, India |
| | | Pyongyang, Korea (DPR) |
| | 35/250 | VOA, Philippines |
| 7235 | 50/500 | Tirana, Albania |
| | 100/500 | DW, Germany |
| | 50/100 | RAI Rome, Italy |
| | 100/500 | TWR, Monaco |
| | 100/250 | BBC/RCI, United Kingdom |
| | 250 | Abu Dhabi, UAE |

| kHz | kW | Stations & Countries |
|---|---|---|
| 7235 | | Beijing, China |
| | 100 | AIR Madras, India |
| | 50/200 | NHK, Japan |
| 7240 | 100/500 | RFI, France |
| | | USSR |
| | 100 | Beograd, Yugoslavia |
| | 100 | R. Garoua, Cameroon |
| | 10 | Nairobi, Kenya |
| v | 100 | Maputo, Mozambique |
| | 100 | Salman Pak, Iraq |
| | 100/250 | Dhaka, Bangladesh |
| | | Beijing, China |
| | 10 | AIR Bombay, India |
| | | AIR Delhi, India |
| | 300 | Carnarvon, Australia |
| 7245 | 20/250 | RFE/RL |
| | 100 | Munich (VOA), Germany |
| | | USSR |
| | 50 | Alger, Algeria |
| | 100 | Luanda, Angola |
| | 500 | Tripoli/Sabrata, Libya |
| | 50/350 | Riyadh/Jeddah, Saudi Arabia |
| 7250 | | USSR |
| | 20/500 | Vatican Radio |
| | 120 | Lusaka, Zambia |
| | 100 | CBS, Taiwan |
| | 10 | AIR Lucknow, India |
| | 50 | Singapore Bc. Corp., Singapore |
| 7255 | 100/500 | Sofia, Bulgaria |
| | 20/250 | RFE/RL |
| | 100/250 | BBC, United Kingdom |
| | | USSR |
| | 50 | Gaborone, Botswana |
| | 50/100 | Ikorodu, Nigeria |
| | 100 | SABC, South Africa |
| | 100/250 | Dhaka, Bangladesh |
| 7260 | 50/500 | RBI, GDR |
| | 100/500 | TWR, Monaco |
| | 100/250 | BBC/RCI, United Kingdom |
| | | USSR |
| | 1 | ER de Kuanza-Sul, Angola |
| | 4 | Moroni, Comoro |
| | 20/250 | Limassol (BBC), Cyprus |
| | 100 | AIR Delhi, India |
| | 100 | AIR Bombay, India |
| | 250 | AIR Aligarh, India |
| | 50 | Ulan Bator, Mongolia |
| | 100 | Islamabad, Pakistan |
| | 35/250 | VOA, Philippines |
| | 2.5 | Malapoa, Vanuatu |
| 7265 | 20 | Rohrdorf (SWF), Germany |
| | 100/500 | DW, Germany |
| | 250 | Kavala (VOA), Greece |
| | 250 | Cyclops (DW), Malta |
| | | USSR |
| | 50/100 | Yakutsk, USSR |
| | 50/250 | Monrovia (VOA), Liberia |
| | 50/100 | Togblekope, Togo |
| | 100 | AIR Delhi, India |
| | 35/250 | VOA, Philippines |
| | 250 | DW, Sri Lanka |
| 7270 | 100/500 | DW, Germany |
| | 100 | Munich (VOA), Germany |
| | 250 | Kavala (VOA), Greece |
| | 8/100 | Warsaw, Poland |
| | 250 | Sines (DW), Portugal |
| | | USSR |
| | 100 | Libreville, Gabon |
| | 250/500 | RSA, South Africa |
| | 500 | Salah el Deen, Iraq |
| | 50/350 | Riyadh/Jeddah, Saudi Arabia |
| | | RRI Jakarta, Indonesia |
| | 10 | Kuching, Sarawak, Malaysia |
| 7275 | 50/500 | Tirana, Albania |
| | 100/500 | DW, Germany |
| | 50/100 | RAI Rome, Italy |
| | 100/350 | REE, Spain |
| | | USSR |
| | 25/100 | FEBA Radio, Seychelles |
| | | Guizhou, China |

| kHz | kW | Stations & Countries |
|---|---|---|
| 7275 | 50 | Suw'ŏn, Korea Rep. |
| | 35/250 | VOA, Philippines |
| 7280 | 50/500 | Tirana, Albania |
| | 100/500 | Sofia, Bulgaria |
| | 100/500 | RFI, France |
| | 250 | Kavala (VOA), Greece |
| | | USSR |
| | 50/250 | Monrovia (VOA), Liberia |
| | 100/250 | Dhaka, Bangladesh |
| | | Fujian (PLA), China |
| | 10 | AIR Gauhati, India |
| | 100/250 | AIR Delhi/Aligarh, India |
| 7285 | 100/500 | DW, Germany |
| | 8/100 | Warsaw, Poland |
| | 250 | Sines (DW/RCI), Portugal |
| | 100 | Daventry (RCI), United Kingdom |
| | | USSR |
| | 300 | R. Nederland, Madagascar |
| | 18 | Bamako, Mali |
| | 50 | Lagos, Nigeria |
| | 20/250 | Limassol (BBC), Cyprus |
| | 35/250 | VOA, Philippines |
| 7286 | | RRI Fak-Fak, Indonesia |
| 7290 | 50/500 | Tirana, Albania |
| | 50/100 | RAI Rome, Italy |
| | | USSR |
| | 50/350 | Riyadh/Jeddah, Saudi Arabia |
| | 10/100 | Islamabad, Pakistan |
| 7295 | 100/500 | DW, Germany |
| | 20/250 | RFE/RL |
| | 5 | R. Milano Int., Italy |
| | 100/250 | BBC, United Kingdom |
| | | USSR |
| | 10 | Accra, Ghana |
| | 25/100 | TWR, Swaziland |
| | 50 | AIR Aizawal, India |
| | 1 | RRI Manado, Indonesia |
| | 100 | Kajang, Malaysia |
| 7300 | 50/500 | Tirana, Albania |
| | 50/500 | RBI, GDR |
| | | USSR |
| 7305 | | USSR |
| 7307r | | R. Selva, Peru (v) |
| 7310 | 50/500 | Tirana, Albania |
| | | USSR |
| 7315 | | USSR |
| | | Beijing, China |
| | | WYFR Family Radio via VOFC, Taiwan |
| v | 10/250 | Islamabad, Pakistan |
| 7320 | 100/250 | BBC, United Kingdom |
| | | USSR |
| | 50 | Magadan, USSR |
| v | 0.25 | Nampula, Mozambique |
| 7325 | 100/250 | BBC, United Kingdom |
| | | USSR |
| | 10 | Rawalpindi, Pakistan |
| 7330 | | USSR |
| 7335 | | USSR |
| | | Beijing, China |
| | 10 | CHU Ottawa, Canada |
| 7337 | 20/500 | Vatican Radio |
| 7340 | | USSR |
| 7345 | 120/250 | Prague, Czechoslovakia |
| | | USSR |
| | 50/100 | Yakutsk, USSR |
| 7350 | | USSR |
| | | Beijing, China |
| 7355 | | USSR |
| | 100 | KNLS Anchor Point, Alaska |
| | 100 | WYFR Family Radio, USA |
| | 50/250 | KGEI, USA |
| 7350 | | USSR |
| 7365 | | Damascus, Syria |
| 7370 | 100 | Avlis, Greece |
| | | USSR |
| 7375 | | Beijing, China |
| | 10/250 | Islamabad, Pakistan |
| 7380 | | USSR |
| 7385 | | Xinjiang, China |
| v | 3 | Savannakhet, Laos (PDR) |

| kHz | kW | Stations & Countries |
|---|---|---|
| 7390 | | USSR |
| 7395 | 20/300 | Tel Aviv, Israel |
| 7400 | | USSR |
| 7408v | | R. Carlos Quinto, Bolivia (r) |
| 7412 | 20/300 | Tel Aviv, Israel |
| | 100 | AIR Delhi, India |
| 7415 | 20/300 | Tel Aviv, Israel |
| 7420 | | USSR |
| | | Hanoi, Vietnam |
| 7428 | 6 | FTH42 Saint Assise, France |
| 7434r | | R. San Pedro, Peru (v) |
| 7440 | | USSR |
| | | Beijing, China |
| 7450 | 100/350 | REE, Spain |
| 7465 | 20/300 | Tel Aviv, Israel |
| 7470 | | Beijing, China |
| 7480 | | Beijing, China |
| 7500 | 10 | VNG Lyndhurst, Australia |
| 7504 | | Beijing, China |
| 7516 | | Beijing, China |
| 7525 | | Beijing, China |
| 7550 | 100/250 | Gimje, Korea Rep. |
| 7590 | | Beijing, China |
| 7600 | 1 | HD21OA Guayaquil, Ecuador |
| 7620 | | Beijing, China |
| 7660 | | Beijing, China |
| 7670 | 15 | Stolnik, Bulgaria |
| 7768.5 | | Greenville (UN), USA (SSB) |
| 7770 | | Beijing, China |
| 7775 | | Beijing, China |
| 7800 | | Beijing, China |
| 7820 | | Beijing, China |
| 7850 | | Fujian (PLA), China |
| 7935 | | Beijing, China |
| 8000 | 2 | JJY Tokyo, Japan |
| 8007 | | Beijing, China |
| 8110 | | Delano (UN), USA (SSB) |
| 8167 | 5 | LQB9 Buenos Aires, Argentina |
| 8240 | | Beijing, China |
| 8260 | | Beijing, China |
| 8300 | | Beijing, China |
| 8345 | | Beijing, China |
| 8425 | | Beijing, China |
| 8450 | | Beijing, China |
| 8461 | 10 | Cape Town Radio, South Africa |
| 8473 | | 4PB Colombo, Sri Lanka |
| 8490 | | Beijing, China |
| 8539 | | VPS35 Time Signal St., Hong Kong |
| 8542 | 3 | PKI Jakarta, Indonesia |
| 8558 | | CCV Valparaiso, Chile |
| 8566 | | Beijing, China |
| 8634 | | EMBRATEL, Brazil |
| 8638.5 | 10 | DAM Hamburg, Germany |
| 8650 | | OBC Callao, Peru |
| 8660 | | Beijing, China |
| 8667 | | Gungxi, China |
| 8721 | | Observatorio Nacional, Brazil |
| 8828 | | Hong Kong Aeradio, Brazil |
| 8890r | | R. Continente, Peru (v) |
| 9009 | 20/300 | Tel Aviv, Israel |
| 9020 | | Beijing, China |
| 9022v | 350 | Kalamabad, Iran |
| 9064 | | Beijing, China |
| 9080 | | Beijing, China |
| 9170 | | Beijing, China |
| 9290 | | Beijing, China |
| 9335 | | Beijing, China |
| 9340 | | Beijing, China |
| 9351 | 10/20 | BPM Lintong, China |
| 9360 | 100/350 | REE, Spain |
| | | Pyongyang, Korea (DPR) |
| 9365 | | Beijing, China |
| 9375 | 50/500 | Tirana, Albania |
| 9380 | | Beijing, China |
| 9385 | 20/300 | Tel Aviv, Israel |
| 9390 | | Beijing, China |
| 9410 | 100/250 | BBC, United Kingdom |
| 9420 | 100/250 | Avlis/Kavala, Greece |
| 9425 | 10 | Karachi, Pakistan |
| 9427v | 0.2 | R. Europa Intern., Italy |
| 9430 | 50/500 | Tirana, Albania |
| 9435 | 5 | R. Milano Int., Italy |
| 9440 | 20/300 | Tel Aviv, Israel |
| | | Beijing, China |
| 9450 | | USSR |
| 9455 | 250 | Abis, Egypt |
| | | Beijing, China |
| | 50/500 | Greenville (VOA), USA |
| 9460 | 35 | Thessaloniki, Greece |
| | 50 | Karachi, Pakistan |
| 9465 | 10/250 | Islamabad, Pakistan |
| 9470 | | USSR |
| 9475 | 250 | Abis, Egypt |
| 9480 | 50/500 | Tirana, Albania |
| | | USSR |
| | | Beijing, China |
| 9486r | 0.2 | R. Tacna, Peru |
| 9490 | | USSR |
| | | Beijing, China |
| 9495 | 100 | Abu Zaabal, Egypt |
| 9500 | 50/500 | Tirana, Albania |
| | 50/500 | RBI, GDR |
| | | USSR |
| | 50 | Magadan, USSR |
| 9505 | 120/250 | Prague, Czechoslovakia |
| | 20/250 | RFE/RL |
| | | USSR |
| | 50/100 | Alma Ata, USSR |
| | 10 | Beograd, Yugoslavia |
| | 50 | Lusaka, Zambia |
| | 250 | Abu Ghraib, Iraq |
| | | Fujian (PLA), China |
| | 50/200 | NHK, Japan |
| | | Pyongyang, Korea (DPR) |
| | 10/100 | Islamabad, Pakistan |
| | 50 | FEBC, Philippines |
| | 250 | Darwin, Australia |
| | 50/250 | Dixon (VOA), USA |
| | 50 | RTV Dominicana, Dom. Rep. (Irr.) |
| | 7.5 | R. Record, Brazil |
| 9510 | 100/500 | DW, Germany |
| | 120/250 | Bucharest, Romania |
| | | USSR |
| | 50 | Alger, Algeria |
| | 25/100 | FEBA Radio, Seychelles |
| | | RRI Ujung Pandang, Indonesia |
| | 250 | DW, Sri Lanka |
| | 100 | KTWR, Guam |
| | 50/250 | Sackville (BBC), Canada |
| | 250 | BBC, Antigua |
| | 1/30 | R. Nal. de Chile, Chile |
| v | 10 | R. América, Peru |
| | 10 | R. Barquisimeto "Internacional", Venezuela |
| 9515 | 50/500 | Tirana, Albania |
| | 25 | Caltanissetta, Italy |
| | 500 | Flevo, Netherlands |
| | | USSR |
| | 250 | BBC, Ascension Isl. |
| | 100 | BBC Relay, Lesotho |
| | 300 | R. Nederland, Madagascar |
| | 250 | Soroti, Uganda |
| | 20/250 | Limassol (BBC), Cyprus |
| | 250/500 | Ankara, Turkey |
| | 100 | AIR Delhi, India |
| | 100 | Kajang, Malaysia |
| | 100 | KFBS Marpi, No. Mariana Isl. |
| | 50/250 | Greenville (VOA/BBC), USA |
| | 250 | BBC, Antigua |
| | 10 | La Voz de la América Latina, México |
| | 20 | R. Educ. da Bahia, Brazil |
| 9520 | 50/500 | Tirana, Albania |
| | 20/250 | RFE/RL |
| | 3/250 | Budapest, Hungary |
| | 100/500 | NRK, Norway |
| | | USSR |
| | 300 | R. Nederland, Madagascar |
| | 250 | Abu Ghraib, Iraq |
| | 50/350 | Riyadh/Jeddah, Saudi Arabia |
| | 10 | Port Moresby, Papua New Guinea |
| | 1 | R. Rio Grande do Sul, Brazil |

| kHz | kW | Stations & Countries |
|---|---|---|
| 9524r | 5 | R. La Crónica, Peru (v) |
| 9525 | 20/250 | RFE/RL |
| | 100/500 | NRK, Norway |
| | 8/100 | Warsaw, Poland |
| v | 25 | Maputo, Mozambique |
| | 100 | AIR Madras, India |
| | 50/200 | NHK, Japan |
| | 100/250 | Islamabad, Pakistan |
| | 100 | KFBS Marpi, No. Mariana Isl. |
| | 50/500 | Greenville (VOA), USA |
| | 175/250 | Bethany (VOA), USA |
| | | R. Habana, Cuba |
| 9530 | 250 | Kavala (VOA), Greece |
| | 120/250 | Bucharest, Romania |
| | 100/350 | REE, Spain |
| | 100/250 | BBC/VOA, United Kingdom |
| | | USSR |
| | 35/100 | Tangier (VOA), Morocco |
| | 20/250 | Limassol (BBC), Cyprus |
| | 100 | Amman, Jordan |
| | 10 | AIR Calcutta, India |
| | 100 | KTWR, Guam |
| | 50/500 | Greenville (VOA), USA |
| | 175/250 | Bethany (VOA/AFRTS), USA |
| | 1 | R. Nacional, Arica, Chile |
| | 2 | R. Calendario/R. Mara, Venezuela |
| 9532v | 2 | R. Nacional, Tacna, Peru |
| 9535 | 100/500 | RFI, France |
| | 250 | Sarnen, Switzerland |
| | | USSR |
| | 100 | Luanda, Angola |
| | 25/100 | FEBA Radio, Seychelles |
| | 50/250 | Sackville (RCI), Canada |
| | 100 | WYFR Family Radio, USA |
| | 50/250 | TWR Bonaire, Neth. Ant. |
| 9540 | 500 | Moosbrunn, Austria |
| | 120/250 | Prague, Czechoslovakia |
| | 15/250 | Pori, Finland |
| | 20/250 | RFE/RL |
| | 500 | Flevo, Netherlands |
| | 8/100 | Warsaw, Poland |
| | | USSR |
| | 50/250 | Monrovia (VOA), Liberia |
| | 300 | R. Nederland, Madagascar |
| | 35/100 | Tangier (VOA), Morocco |
| | 100/250 | Dhaka, Bangladesh |
| | 100 | KNLS Anchor Point, Alaska |
| | 50/500 | Greenville (VOA/UN), USA |
| | 50/250 | Dixon (VOA), USA |
| | 1 | R. Cultura, Peru |
| | 50 | R. Nacional, Venezuela |
| 9545 | 100/500 | RFI, France |
| | 100/500 | DW, Germany |
| | 250 | Cyclops (DW), Malta |
| | | USSR |
| | 500 | RFI Relay, Gabon |
| | 100 | AIR Delhi, India |
| | 35/250 | VOA, Philippines |
| | 250 | DW, Sri Lanka |
| | 100 | KFBS Marpi, No. Mariana Isl. |
| | 10 | Honiara, Solomon Islands |
| | 250 | DW, Antigua |
| | 50 | DW, Montserrat |
| | 7.5 | R. Universo, Brazil |
| 9550 | 100/500 | RFI, France |
| | | USSR |
| | 50 | ELWA, Monrovia, Liberia |
| | 50/250 | Monrovia (VOA), Liberia |
| | 250/500 | Ankara, Turkey |
| | 100/250 | Dhaka, Bangladesh |
| | | Beijing, China |
| | 100 | AIR Delhi, India |
| | 50/100 | R. Veritas Asia, Philippines |
| | 175/250 | Bethany (VOA), USA |
| | 100 | WYFR Family Radio, USA |
| | | R. Habana, Cuba |
| | 10 | R. Nal. de Chile, Chile |
| 9553 | 0.9 | NHK Tokyo, Japan (SSB) |
| 9555 | 20/250 | RFE/RL |
| | 100 | Munich (VOA), Germany |

| kHz | kW | Stations & Countries |
|---|---|---|
| 9555 | 100 | Daventry (RCI), United Kingdom |
| | | USSR |
| | 20/250 | Limassol (BBC), Cyprus |
| v | 50 | Salman Pak, Iraq |
| | 35/250 | VOA, Philippines |
| | 50/100 | WYFR Family Radio, USA |
| v | 10 | R. El Salvador |
| | 0.5 | "La Hora Exacta", México |
| | 50 | R. Nacional, Venezuela |
| 9560 | 100/500 | Sofia, Bulgaria |
| | 50/500 | RBI, GDR |
| | 150 | SRI, Switzerland |
| | | USSR |
| | 100 | Gedja, Ethiopia |
| | 100 | SABC, South Africa |
| | 100 | Amman, Jordan |
| | 250/500 | Ankara, Turkey |
| | | Pyongyang, Korea (DPR) |
| | 50 | Greenville (OAS), USA |
| | 50/250 | TWR Bonaire, Neth. Ant. |
| 9562 | 1 | R. Nacional, Peru |
| 9565 | 100/500 | DW, Germany |
| | 20/250 | RFE/RL |
| | 250 | Cyclops (DW), Malta |
| | 100/500 | NRK, Norway |
| | 100/250 | BBC, United Kingdom |
| | | USSR |
| | 250 | DW Kigali, Rwanda |
| | 50/500 | Greenville (VOA/UN), USA |
| | 175/250 | Bethany (VOA/UN), USA |
| | 50/250 | Delano (VOA/UN), USA |
| 9570 | 100/500 | DW, Germany |
| | 120/250 | Bucharest, Romania |
| | 100/350 | REE, Spain |
| | | USSR |
| | 50/200 | NHK, Japan |
| | 100/250 | Gimje, Korea Rep. |
| | 100/250 | BBC Kranji, Singapore |
| | 1 | R. San Cristobal, Venezuela |
| 9572v | 10 | R. Diego Portales, Chile |
| 9575 | 15/250 | Pori, Finland |
| | 100/500 | RFI, France |
| | 100/500 | DW, Germany |
| | 100 | Munich (VOA), Germany |
| | 50/100 | RAI/UN Rome, Italy |
| | 100 | RDP, Portugal |
| | 100 | R. Renascensa, Portugal |
| | 100/250 | BBC, United Kingdom |
| | | USSR |
| | 10/250 | VOFC, Taiwan |
| | 100 | AIR Delhi, India |
| | 50/200 | NHK, Japan |
| | 50/250 | Ulan Bator, Mongolia |
| | 35/250 | VOA, Philippines |
| | 2 | R. Morobe, Papua New Guinea |
| | 50/500 | Greenville (VOA), USA |
| | 175/250 | Bethany (VOA), USA |
| 9579r | 1 | R. Concordia, Peru (v) |
| 9580 | 500 | Moosbrunn, Austria |
| | 50 | Rhodes (VOA), Greece |
| | 100/500 | NRK, Norway |
| | 100/350 | REE, Spain |
| | 250 | Wooferton (VOA), United Kingdom |
| | | USSR |
| | 250 | BBC, Ascension Isl. |
| | 100 | Abu Zabaal, Egypt |
| | 25/100 | FEBA Radio, Seychelles |
| | 250/500 | RSA, South Africa |
| | 20/250 | Limassol (BBC), Cyprus |
| | 100/250 | Dhaka, Bangladesh |
| v | 50 | R. Pilipinas, Philippines |
| | 100/250 | BBC Kranji, Singapore |
| | 100 | Shepparton, Australia |
| | 50/500 | Greenville (VOA), USA |
| | 250 | VOA Relay, Brazil |
| 9585 | 100/500 | DW, Germany |
| | 100 | Munich (VOA), Germany |
| | 3/250 | Budapest, Hungary |
| | 50/100 | RAI Rome, Italy |
| | 100/500 | NRK, Norway |

| kHz | kW | Stations & Countries |
|---|---|---|
| 9585 | | USSR |
| | 100 | Abu Zabaal, Egypt |
| | 250/500 | RSA, South Africa |
| | 500 | Babylon, Iraq |
| | | Beijing, China |
| | 7.5 | R. New Zealand |
| | 10 | R. Excelsior, Brazil |
| 9590 | 250 | Cyclops (IBRA Radio), Malta |
| | 100/500 | NRK, Norway |
| | 120/250 | Bucharest, Romania |
| | 100 | Daventry (RCI), United Kingdom |
| | | USSR |
| | 300 | R. Nederland, Madagascar |
| | 20/250 | Limassol (BBC), Cyprus |
| | 100/5 | Khumaltar/Jawalakhel, Nepal |
| | 35/250 | VOA, Philippines |
| | 50/250 | Sackville (BBC), Canada |
| | 50/500 | Greenville (VOA), USA |
| | 300 | R. Nederland, Bonaire, Neth. Ant. |
| | 0.2 | R. Ica, Peru |
| 9593v | 50 | Gaborone, Botswana |
| 9595 | 100/500 | Sofia, Bulgaria |
| | 20/250 | RFE/RL |
| | | USSR |
| | | Kabul Relay, USSR |
| | 250 | Abu Dhabi, UAE |
| | 250 | AIR Aligarh, India |
| | 50 | NSB Tokyo, Japan |
| v | 10 | R. Cult. da Bahia, Brazil |
| | 1.5 | R. Monte Carlo, Uruguay |
| 9600 | 120/250 | Prague, Czechoslovakia |
| | 50/500 | RBI, GDR |
| | 100 | RDP, Portugal |
| | 100/250 | BBC, United Kingdom |
| | | USSR |
| | 50 | Magadan, USSR |
| | 250 | BBC, Ascension Isl. |
| | 100 | Benghazi, Libya |
| | 25/100 | FEBA Radio, Seychelles |
| | 20/250 | Limassol (BBC), Cyprus |
| | 10/250 | VOFC, Taiwan |
| | | Pyongyang, Korea (DPR) |
| | 250 | DW, Sri Lanka |
| | 100 | WYFR Family Radio, USA |
| | 100 | Habana (R. Moscow Relay), Cuba |
| | 1/0.5 | "R. Universidad de México", México |
| 9605 | 120/250 | Prague, Czechoslovakia |
| | 100/500 | RFI, France |
| | 100/500 | DW, Germany |
| | 250 | Kavala (VOA), Greece |
| | 100/500 | NRK, Norway |
| | 100 | RDP, Portugal |
| | 250 | Sines (AWR), Portugal |
| | 500 | RSI, Sweden |
| | | USSR |
| | 20/500 | Vatican Radio |
| | 50/250 | Monrovia (VOA), Liberia |
| | 35/100 | Tangier (VOA), Morocco |
| | 100 | BBC Masirah Isl., Oman |
| | 50/100 | R. Veritas Asia, Philippines |
| | 50/250 | Sackville (DW), Canada |
| | 100 | WYFR Family Radio, USA |
| 9610 | 100/500 | TWR, Monaco |
| | 100/500 | NRK, Norway |
| | 100/250 | BBC, United Kingdom |
| | | USSR |
| | 250 | BBC, Ascension Isl. |
| | 100 | Nouakchott, Mauritania |
| | 20/250 | Limassol (BBC), Cyprus |
| | 250 | Abu Ghraib, Iraq |
| | 10/250 | VOFC, Taiwan |
| | 50 | AIR Delhi, India |
| | 10/50 | Wanneroo, Australia |
| | 100 | KFBS Marpi, No. Mariana Isl. |
| | 2 | R . Nal., Iquitos, Peru |
| 9615 | 100/500 | DW, Germany |
| | 250 | Kavala (VOA), Greece |
| | 250 | Cyclops (IBRA Radio), Malta |
| | 100/500 | NRK, Norway |
| | 250 | Sines (RCI/DW), Germany |

| kHz | kW | Stations & Countries |
|---|---|---|
| 9615 | 500 | RSI, Sweden |
| | 100/250 | BBC/VOA, United Kingdom |
| | | USSR |
| | 20/500 | Vatican Radio |
| | 500 | Tripoli/Sabrata, Libya |
| | 35/100 | Tangier (VOA), Morocco |
| | 250/500 | RSA, South Africa |
| | 20/250 | Limassol (BBC), Cyprus |
| | 100 | AIR Delhi/Bombay, India |
| | 7.5 | RRI Jayapura, Indonesia |
| | 50/250 | Ulan Bator, Mongolia |
| | 2.5 | Maharlika Bc. System, Philippines |
| | 35/250 | VOA, Philippines |
| | 50/250 | KGEI, USA |
| 9618r | | R. El Sol de los Andes, Peru |
| 9620 | 100/250 | BRT, Belgium |
| | 50/500 | RBI, GDR |
| | 100/350 | REE, Spain |
| | | USSR |
| | 100 | Beograd, Yugoslavia |
| | 100 | Abu Zaabal, Egypt |
| | 120 | Maputo, Mozambique |
| | 50/350 | Riyadh/Jeddah, Saudi Arabia |
| | 100/250 | Dhaka, Bangladesh |
| | 35/250 | VOA, Philippines |
| | 100 | Shepparton, Australia |
| | 7.5 | R. New Zealand |
| | 50/500 | Greenville (VOA/UN), USA |
| | 2 | SODRE, Uruguay |
| r | 1 | Catatumbo Internacional, Venezuela |
| 9625 | 100/500 | DW, Germany |
| | 20/250 | RFE/RL |
| | 250 | Kavala (VOA), Greece |
| | 250 | Cyclops (DW), Malta |
| | 120/250 | Bucharest, Romania |
| | 100/500 | SRI, Switzerland |
| | 100/250 | BBC, United Kingdom |
| | | USSR |
| | 20/500 | Vatican Radio |
| | 250 | DW Kigali, Rwanda |
| | 20/250 | Limassol (BBC), Cyprus |
| | | Pyongyang, Korea (DPR) |
| 9630 | 120/250 | Prague, Czechoslovakia |
| | 100/500 | TWR, Monaco |
| | 100/350 | REE, Spain |
| | 500 | RSI, Sweden |
| | | USSR |
| | 250 | Moyabi (AWR), Gabon |
| | 250 | Abu Dhabi, UAE |
| | | CBS, Taiwan |
| | 250 | AIR Aligarh, India |
| | 35/250 | VOA, Philippines |
| | 10 | R. Agricultura, Chile |
| | 5 | R. El Loa, Chile |
| 9635 | 100 | Moosbrunn, Austria |
| | 50/500 | RBI, GDR |
| | 250 | Kavala (VOA), Greece |
| | 100/250 | BBC, United Kingdom |
| | | USSR |
| | 18 | Bamako, Mali |
| | 35/100 | Tangier (VOA), Morocco |
| | 20/250 | Limassol (BBC), Cyprus |
| | 500 | Salah el Deen, Iraq |
| | 50 | Singapore Bc. Corp., Singapore |
| | 10 | R. Aparecida, Brazil |
| v | 25 | R. Dif. Nacional, Colombia |
| 9640 | 100/500 | DW, Germany |
| | 120/250 | Bucharest, Romania |
| | 100/250 | BBC, United Kingdom |
| | | USSR |
| | 50 | Alger, Algeria |
| | 25/100 | TWR, Swaziland |
| | 50/350 | Riyadh/Jeddah, Saudi Arabia |
| | | Beijing, China |
| | 100/250 | Gimje, Korea Rep. |
| | 50 | FEBC, Philippines |
| | 100 | Shepparton, Australia |
| | 50/500 | Greenville (VOA), USA |
| | | R. Habana, Cuba |
| r | 20 | R. Nacional, Venezuela |

| kHz | kW | Stations & Countries |
|---|---|---|
| 9645 | | USSR |
| | 50 | Minsk, USSR |
| | 20/500 | Vatican Radio |
| | 35/100 | Tangier (VOA), Morocco |
| | 20/250 | Limassol (BBC), Cyprus |
| | 50/200 | NHK, Japan |
| | 10/100 | Islamabad, Pakistan |
| | 35 | Colombo (VOA), Sri Lanka |
| | 1 | Faro del Caribe, Costa Rica |
| | 10 | R. Bandeirantes, Brazil |
| 9650 | 500 | Moosbrunn, Austria |
| | 100/500 | DW, Germany |
| | 250 | Cyclops (DW), Malta |
| | 100/350 | REE, Spain |
| | | USSR |
| | 20/500 | Vatican Radio |
| | 80 | Conakry, Guinea Rep. |
| | 35/100 | Tangier (VOA), Morocco |
| | 50/250 | Sackville (RCI), Canada |
| | 50/500 | Greenville (VOA), USA |
| | 250 | DW, Antigua |
| | 300 | R. Nederland, Bonaire, Neth. Ant. |
| 9655 | | USSR |
| | 500 | Tripoli/Sabrata, Libya |
| | 50/350 | Riyadh/Jeddah, Saudi Arabia |
| | 250 | Abu Dhabi, UAE |
| | | Pyongyang, Korea (DPR) |
| | 50 | Bangkok, Thailand |
| | 250 | R. Nacional, Brazil |
| | 50/500 | HCJB, Ecuador |
| v | 1 | R. Nor Peruana, Peru |
| 9660 | 100/500 | RFI, France |
| | 20/250 | RFE/RL |
| | 250 | Kavala (VOA), Greece |
| | 500 | RSI, Sweden |
| | 100/250 | BBC, United Kingdom |
| | | USSR |
| | 100 | Luanda, Angola |
| | 20/250 | Limassol (BBC), Cyprus |
| | 50 | AIR Delhi, India |
| | 35/250 | Limassol (BBC), Cyprus |
| | 50 | AIR Delhi, India |
| | 35/250 | VOA, Philippines |
| | 10 | Brisbane, Australia |
| | 100 | WYFR Family Radio, USA |
| | 10 | R. Rumbos, Venezuela |
| 9665 | 100/500 | Sofia, Bulgaria |
| | 50/500 | RBI, GDR |
| | 100/500 | NRK, Norway |
| | 500 | RSI, Sweden |
| | | USSR |
| | | Kabul Relay, USSR |
| | 500 | Salah el Deen, Iraq |
| | 250 | Al Khaisah, Qatar |
| | 50/100 | AIR Delhi, India |
| | | Pyongyang, Korea (DPR) |
| | 100 | Kajang, Malaysia |
| | 100 | KYOI Saipan, No. Mariana Isl. |
| | 10 | R. Marumby, Brazil |
| 9667 | 100 | Beira, Mozambique |
| 9670 | 50 | Rhodes (VOA), Greece |
| | 100/500 | TWR, Monaco |
| | 250 | Sines (AWR/IBRA), Portugal |
| | 100/350 | REE, Spain |
| | | USSR |
| | 50/250 | Monrovia (VOA), Liberia |
| | 250/500 | Ankara, Turkey |
| | | Beijing, China |
| | 50/200 | NHK, Japan |
| | 100 | FEBC, Philippines |
| | 50/100 | R. Veritas Asia, Philippines |
| | 100 | KYOI Saipan, No. Mariana Isl. |
| | 50/250 | Greenville (VOA), USA |
| 9675 | 8/100 | Warsaw, Poland |
| | 100/350 | REE, Spain |
| | | USSR |
| | 100 | Abu Zabaal, Egypt |
| | 100 | Sfax, Tunisia |
| | 100/250 | Dhaka, Bangladesh |
| | 100 | AIR Delhi, India |

| kHz | kW | Stations & Countries |
|---|---|---|
| 9675 | 100 | FEBC, Philippines |
| | 35/250 | VOA, Philippines |
| | 5 | R. del Pacífico, Peru |
| 9680 | 100/500 | DW, Germany |
| | 20/250 | RFE/RL |
| | 250 | Kavala (VOA), Greece |
| | 100 | R. Renascença, Portugal |
| | | USSR |
| | 500 | Salah el Deen, Iraq |
| | | RRI Jakarta, Indonesia |
| | 10 | VLR/VLH9 Lyndhurst, Australia |
| | 50/500 | Greenville (VOA/UN), USA |
| | 100 | WYFR Family Radio, USA |
| | 250 | R. Nacional, Brazil |
| 9684 | 50 | Dar es Salaam, Tanzania |
| 9685 | 120/250 | Bucharest, Romania |
| | | USSR |
| | 100 | Alger, Algeria |
| | 250 | Soroti, Uganda |
| | 10/250 | VOFC, Taiwan |
| | 250 | DW, Sri Lanka |
| | 7.5 | R. Gazeta, Brazil |
| v | 25 | R. Dif. Nacional, Colombia |
| 9690 | 100/500 | DW, Germany |
| | 250 | Kavala (VOA), Greece |
| | 120/250 | Bucharest, Romania |
| | | USSR |
| | 10 | Antananarivo, Madagascar |
| | 20/250 | Limassol (BBC), Cyprus |
| | 250 | Abu Ghraib, Iraq |
| | 10 | CBS, Taiwan |
| | 50/250 | Delano (VOA), USA |
| | 250 | DW, Antigua |
| | 50 | R. Nacional, Argentina |
| 9695 | 15/250 | Pori, Finland |
| | 20/250 | RFE/RL |
| | 100/350 | REE, Spain |
| | 500 | RSI, Sweden |
| | | USSR |
| | | Habana Relay |
| | 120 | Maqtaa, UAE |
| | | Phnom Penh, Kampuchea |
| | 50/100 | R. Veritas Asia, Philippines |
| | 7.5 | R. Rio Mar, Brazil |
| 9700 | 100/500 | Sofia, Bulgaria |
| | 100/500 | DW, Germany |
| | 250 | Kavala (VOA), Greece |
| | | USSR |
| | | Beijing, China |
| | | Pyongyang, Korea (DPR) |
| | 50/250 | Delano (VOA/AFRTS), USA |
| | 5 | R. Sucesos, Venezuela |
| 9704 | 10 | SCR, Swaziland |
| 9705 | 20/250 | RFE/RL |
| | 100 | RDP, Portugal |
| | | USSR |
| | 500 | Tripoli/Sabrata, Libya |
| | 20/100 | Niamey, Niger |
| | 100 | AIR Delhi, India |
| | 50 | WYFR Family Radio, USA |
| | 100 | WRNO, USA |
| | 10 | "R. México Internacional", México |
| | 7.5 | R. Nacional, Brazil |
| 9710 | 50/100 | RAI Rome, Italy |
| | 500 | RSI, Sweden |
| | 100/250 | BBC, United Kingdom |
| | | USSR |
| | 50 | Kaunas, USSR |
| | 10 | Forest Side, Mauritius |
| | 25/100 | TWR Swaziland |
| | | Gansu, China |
| | 10 | Penang, Malaysia |
| | 100 | Shepparton, Australia |
| | | R. Nacional, Argentina |
| | 1 | R. Tropical, Peru |
| 9715 | 50/500 | Tirana, Albania |
| | 100/500 | RFI, France |
| | 100/500 | DW, Germany |
| | 250 | Kavala (VOA), Greece |
| | 50 | Rhodes (VOA), Greece |

| kHz | kW | Stations & Countries |
|---|---|---|
| 9715 | 250 | Cyclops (DW), Malta |
| | 500 | Flevo, Netherlands |
| | | USSR |
| | 250 | BBC, Ascension Isl. |
| | 50 | Brazzaville, Congo |
| | 250 | Moyabi (Light for Islam), Gabon |
| | 50/250 | Monrovia (VOA/UN), Liberia |
| | 300 | R. Nederland, Madagascar |
| | 50 | FEBC, Philippines |
| | 50 | WYFR Family Radio, USA |
| | 100 | WRNO, USA |
| | 300 | R. Nederland, Bonaire, Neth. Ant. |
| | 50/500 | HCJB, Ecuador |
| 9716v | 1 | R. La Plata, Bolivia |
| 9720 | | USSR |
| | 100 | Abu Zaabal, Egypt |
| | 50/350 | Riyadh/Jeddah, Saudi Arabia |
| | 100/250 | Dhaka, Bangladesh |
| | 35 | Ekala, Sri Lanka |
| | 250 | Carnarvon, Australia |
| | 50/500 | HCJB, Ecuador |
| 9725 | 20/250 | RFE/RL |
| | 150/500 | SRI, Switzerland |
| | 100/250 | BBC, United Kingdom |
| | | USSR |
| | 25/100 | TWR, Swaziland |
| | | Beijing, China |
| | 35/250 | VOA, Philippines |
| | 100/250 | BBC Kranji, Singapore |
| 9730 | 50 | Herstedvester, Denmark |
| | 50/500 | RBI, GDR |
| | | USSR |
| | 250 | Soroti, Uganda |
| | 250/500 | Ankara, Turkey |
| | 50 | Rangoon, Burma |
| | 100 | AIR Delhi, India |
| | 35/250 | VOA, Philippines |
| | 100 | KFBS Marpi, No. Mariana Isl. |
| | | R. Habana, Cuba |
| 9735 | 100/500 | DW, Germany |
| | 100 | Munich (VOA), Germany |
| | 100/250 | BBC/VOA, United Kingdom |
| | | USSR |
| | 250 | DW Kigali, Rwanda |
| | 20/250 | Limassol (BBC), Cyprus |
| | 100 | Seeb, Oman |
| | 250 | DW, Antigua |
| | 7.5 | R. Clube Paranaense, Brazil |
| | 100 | R. Nacional, Paraguay |
| 9740 | 100/500 | Sofia, Bulgaria |
| | 120/250 | Prague, Czechoslovakia |
| | 15/250 | Pori, Finland |
| | 250 | Kavala (VOA), Greece |
| | 100 | RDP, Portugal |
| | | USSR |
| | 250 | Abis, Egypt |
| | 20/250 | Limassol (BBC), Cyprus |
| | 50/100 | R. Veritas Asia, Philippines |
| | 35/250 | VOA, Philippines |
| | 100/250 | BBC Kranji, Singapore |
| 9745 | 100/500 | RFI, France |
| | 100/350 | REE, Spain |
| | 500 | RSI, Sweden |
| | | USSR |
| | | Yaoundé, Cameroon |
| | 500 | Tripoli/Sabrata, Libya |
| | 250 | Abu Ghraib, Iraq |
| | | RRI Sorong, Indonesia |
| | | Pyongyang, Korea (DPR) |
| | 7.5 | R. Cultura, Brazil |
| | 50/500 | HCJB, Ecuador |
| 9749 | 50 | Dar es Salaam, Tanzania |
| 9750 | 50/500 | Tirana, Albania |
| | 100/500 | DW, Germany |
| | 20/250 | RFE/RL |
| | 100/250 | BBC, United Kingdom |
| | | USSR |
| | 250 | Monrovia (VOA), Liberia |
| | 20/250 | Limassol (BBC), Cyprus |
| | 500 | Kuwait |

| kHz | kW | Stations & Countries |
|---|---|---|
| 9750 | | Neimenggu, China |
| | 100 | AIR Madras, India |
| | | Pyongyang, Korea (DPR) |
| | 100/250 | Gimje, Korea Rep. |
| | 100 | Kajang, Malaysia |
| | 4 | Papeete, Tahiti |
| | 10 | R. Minería, Chile |
| | 1 | R. Occidente, Venezuela |
| 9755 | 100/500 | Sofia, Bulgaria |
| | | USSR |
| | 20/500 | Vatican Radio |
| | 100 | Mokattam, Egypt |
| | 250/500 | Ankara, Turkey |
| | 100 | AIR Delhi, India |
| | 50/250 | Sackville (RCI), Canada |
| | 3 | R. Sideral, Peru |
| 9760 | 100 | Moosbrunn, Austria |
| | 50 | Herstedvester, Denmark |
| | 250 | Kavala (VOA), Greece |
| | 500 | RSI, Sweden |
| | 100/250 | BBC, United Kingdom |
| | | USSR |
| | 35/100 | Tangier (VOA), Morocco |
| | 20/250 | Limassol (BBC), Cyprus |
| | 50 | NSB Tokyo, Japan |
| | | Pyongyang, Korea (DPR) |
| | 35/250 | VOA, Philippines |
| | 100 | Shepparton, Australia |
| | 50/250 | Sackville (RCI), Canada |
| | 10 | R. Nal., "La Voz de Guatemala", Guatemala |
| 9765 | 50/500 | Tirana, Albania |
| | 50 | Herstedvester, Denmark |
| | 100/500 | DW, Germany |
| | 100/350 | REE, Spain |
| | | USSR |
| | 250 | BBC, Ascension Isl. |
| | 20 | Capital Radio, Transkei |
| | 100/350 | Kalamabad, Iran |
| | 10/250 | VOFC, Taiwan |
| | | Pyongyang, Korea (DPR) |
| | 50/250 | Delano (VOA/BBC), USA |
| | 50/500 | HCJB, Ecuador |
| 9770 | 100/500 | Moosbrunn, Austria |
| | 100/500 | DW, Germany |
| | 250 | Kavala (VOA), Greece |
| | | USSR |
| | 250 | Abis, Egypt |
| | 35/100 | Tangier (VOA), Morocco |
| | 20/250 | Limassol (BBC), Cyprus |
| | 100/250 | Dhaka, Bangladesh |
| | | RRI Jakarta, Indonesia |
| | 35/250 | VOA, Philippines |
| | 100/250 | BBC Kranji, Singapore |
| | 250 | Carnarvon, Australia |
| | | R. Habana, Cuba |
| | 300 | R. Nederland Bonaire, Neth. Ant. |
| | 7.5 | R. MEC, Brazil |
| | 1 | R. Amazonas, Peru |
| 9775 | 50/100 | RAI Rome, Italy |
| | | USSR |
| | | Beijing, China |
| 9780 | 100/350 | REE, Spain |
| | | USSR |
| | 50/100 | Alma Ata, USSR |
| | 50 | San'a, Yemen Arab Rep. |
| | | Qinghai, China |
| 9785 | | USSR |
| 9790 | 50/500 | Tirana, Albania |
| | 100/500 | RFI, France |
| | 100/350 | REE, Spain |
| | | USSR |
| | 500 | RFI via Gabon |
| | 10/250 | Islamabad, Pakistan |
| | 500 | Montsinery (RFI), French Guiana |
| 9795 | | USSR |
| 9800 | | USSR |
| | | Beijing, China |
| 9805 | 250 | Abis, Egypt |
| 9810 | | USSR |
| 9815 | 25/100 | TWR, Swaziland |

| kHz | kW | Stations & Countries |
|---|---|---|
| 9815 | 20/300 | Tel Aviv, Israel |
| | 100 | KTWR, Guam |
| 9820 | | Beijing, China |
| 9825 | 100/250 | BBC, United Kingdom |
| | 25/100 | TWR, Swaziland |
| | 10 | Betio Island, Kiribati |
| 9830 | 25/100 | TWR, Swaziland |
| 9835 | 3/250 | Budapest, Hungary |
| 9840 | 500 | Kuwait |
| | | Hanoi, Vietnam |
| 9845 | | WYFR via VOFC, Taiwan |
| 9850 | 250 | Abis, Egypt |
| 9852.5 | 100 | WYFR Family Radio, USA |
| 9855 | 100 | Avlis, Greece |
| 9860 | | Beijing, China |
| | 5 | R. Nacional, Peru |
| 9865 | 100 | Avlis, Greece |
| 9870 | 50/350 | Riyadh/Jeddah, Saudi Arabia |
| | 100/250 | Gimje, Korea Rep. |
| 9875 | 100/250 | BRT, Belgium |
| 9880 | 100/250 | BRT, Belgium |
| | 500 | Kuwait |
| | | Beijing, China |
| 9885 | 100/500 | SRI, Switzerland |
| | 50/350 | Riyadh/Jeddah, Saudi Arabia |
| 9895 | 500 | Flevo, Netherlands |
| | 300 | R. Nederland, Bonaire, Neth. Ant. |
| 9900 | 250 | RTBF, Belgium |
| | | Beijing, China |
| 9912 | 10/100 | AIR Delhi, India |
| 9915 | 100/250 | BBC, United Kingdom |
| 9920 | 20/300 | Tel Aviv, Israel |
| | | Beijing, China |
| 9925 | 100/250 | BRT, Belgium |
| 9945 | | Beijing, China |
| 9950 | | AIR Delhi, India |
| 9965 | | Beijing, China |
| 9977 | | Pyongyang, Korea (DPR) |
| 9988r | | Estación 2000, Rioja, Peru |
| 9996 | 5 | RWM Moscow, USSR |
| 10000 | 0.5 | MSF Rugby, United Kingdom |
| | 5 | RTA Novosibirsk, USSR |
| | 1 | RCH Tashkent, USSR |
| | 10/20 | BPM Lintong, China |
| | 8 | ATA New Delhi, India |
| | 2 | JJY Tokyo, Japan |
| | 10 | WWVH Kauai, Hawaii |
| | 10 | WWV Fort Collins, USA |
| | 2 | LOL, Argentina |
| 10004 | 1 | RID Irkutsk, USSR |
| 10010 | | Hanoi, Vietnam |
| 10040 | | Hanoi, Vietnam |
| 10060 | | Hanoi, Vietnam |
| 10080 | | Hanoi, Vietnam |
| 10180 | | Hanoi, Vietnam |
| 10235 | | Greenville (UN), USA (SSB) |
| 10243r | | R. Yuracyacu, Peru (v) |
| 10245 | | Beijing, China |
| 10260 | | Beijing, China |
| 10335 | 100 | AIR Delhi, India |
| 10380 | | Greenville (UN), USA (SSB) |
| 10440.5 | | Station NPO, Philippines |
| 10454 | | Greenville (UN), USA (SSB) |
| 10510 | 50/500 | Tirana, Albania |
| 10775 | 6 | FTK77 Saint Assise, France |
| 10865 | | Beijing, China |
| 10869 | | Bethany (UN), USA (SSB) |
| 11000 | | Beijing, China |
| 11040 | | Beijing, China |
| 11100 | | Beijing, China |
| 11290 | | Beijing, China |
| 11330 | | Beijing, China |
| 11340 | | Pyongyang, Korea (DPR) |
| 11375 | | Beijing, China |
| 11440 | 3 | PLC Jakarta, Indonesia |
| 11445 | | Beijing, China |
| 11455 | | Beijing, China |
| 11500 | | Beijing, China |
| 11505 | | Beijing, China |
| 11515 | | Beijing, China |

| kHz | kW | Stations & Countries |
|---|---|---|
| 11575 | | Beijing, China |
| 11580 | 175/250 | Bethany (VOA), USA |
| 11583 | 20/300 | Tel Aviv, Israel |
| 11590 | | Fujian (PLA), China |
| 11600 | | Beijing, China |
| 11610 | | Beijing, China |
| 11615 | 35 | Thessaloniki, Greece |
| 11620 | 100/250 | AIR Delhi/Aligarh, India |
| 11630 | | USSR |
| | | Beijing, China |
| 11635 | 100/350 | REE, Spain |
| 11640 | 10 | Karachi, Pakistan |
| 11645 | 250 | Kavala, Greece |
| 11650 | | Beijing, China |
| 11655 | 20/300 | Tel Aviv, Israel |
| 11660 | 100 | Moosbrunn, Austria |
| | | Beijing, China |
| | | Pyongyang, Korea (DPR) |
| 11665 | 100 | Moosbrunn, Austria |
| | 100 | Abu Zaabal, Egypt |
| 11670 | 10/250 | Islamabad, Pakistan |
| | 100 | KTWR, Guam |
| | 500 | Montsinery (RFI), French Guiana |
| 11675 | 250 | Kuwait |
| | | Beijing, China |
| | 50/500 | Greenville (VOA), USA |
| 11680 | 100/250 | BBC, United Kingdom |
| 11685 | | Beijing, China |
| 11690 | 100/350 | REE, Spain |
| | | USSR |
| 11695 | 100/250 | BRT, Belgium |
| | 100/500 | RFI, France |
| | | Beijing, China |
| | 50 | R. Nacional, Venezuela |
| 11700 | 100/500 | RFI, France |
| | 50/500 | RBI, GDR |
| | | USSR |
| | | Kabul Relay, USSR |
| | 20/500 | Vatican Radio |
| | 250 | RRI Jakarta, Indonesia |
| v | 50 | R. Clarin, Dom. Rep. |
| 11705 | 100/500 | RFI, France |
| | 100/500 | DW, Germany |
| | 250 | Kavala (VOA), Greece |
| | 250 | Cyclops (DW), Malta |
| | 500 | RSI, Sweden |
| | | USSR |
| | 250 | Moyabi (RFI), Gabon |
| | 250 | DW Kigali, Rwanda |
| | 50/200 | NHK, Japan |
| | 250 | DW, Sri Lanka |
| | 250 | Darwin, Australia |
| | 50 | DW, Montserrat |
| 11710 | 250 | Wooferton (VOA), United Kingdom |
| | | USSR |
| | 50/250 | Monrovia (VOA), Liberia |
| | 35/100 | Tangier (VOA), Morocco |
| | | Beijing, China |
| | 50/200 | NHK, Japan |
| | 35 | Colombo (VOA), Sri Lanka |
| | 4 | Noumea, New Caledonia |
| | 50/200 | Sackville (RCI), Canada |
| | | R. Habana, Cuba |
| | 100 | R. Nacional, Argentina |
| 11715 | 50 | Herstedvester, Denmark |
| | 100/500 | TWR, Monaco |
| | 100/350 | REE, Spain |
| | 100/250 | BBC, United Kingdom |
| | | USSR |
| | 20/500 | Vatican Radio |
| | 50 | Alger, Algeria |
| | 250 | Abis, Egypt |
| | 50/250 | Monrovia (VOA), Liberia |
| | 250 | Abu Dhabi, UAE |
| | 100 | AIR Bombay, India |
| | 35/250 | VOA, Philippines |
| | 100 | KTWR, Guam |
| | 50/500 | Greenville (VOA), USA |
| 11720 | 100/500 | Sofia, Bulgaria |
| | 100/500 | DW, Germany |

| kHz | kW | Stations & Countries |
|---|---|---|
| 11720 | 100/500 | Lopik/Flevo, Netherlands |
| | 100/250 | BBC, United Kingdom |
| | | USSR |
| | 50/250 | Monrovia (VOA), Liberia |
| | 20/250 | Limassol (BBC), Cyprus |
| | 100 | Shepparton, Australia |
| | 50/250 | Sackville (CBC), Canada |
| | 50/100 | WYFR Family Radio, USA |
| 11725 | 100/500 | DW, Germany |
| | 20/250 | RFE/RL |
| | | USSR |
| | 20/500 | Vatican Radio |
| | | Beijing, China |
| | 10/250 | VOFC, Taiwan |
| | 100/250 | Gimje, Korea Rep. |
| | 50/100 | R. Veritas Asia, Philippines |
| | | Habana, Cuba |
| 11730 | 500 | Flevo, Netherlands |
| | 100 | R. Renascença, Portugal |
| | 100/350 | REE, Spain |
| | | USSR |
| | 250/500 | RSA, South Africa |
| | 100 | Sfax, Tunisia |
| | 50/350 | Riyadh/Jeddah, Saudi Arabia |
| | 300 | Dubai, UAE |
| | 100 | AIR Delhi, India |
| | 50/100 | R. Veritas Asia, Philippines |
| | 50/250 | Delano (VOA), USA |
| | 5 | R. Nuevo Mundo, Chile |
| 11735 | 100/500 | Sofia, Bulgaria |
| | 15/250 | Pori, Finland |
| | | USSR |
| | 10/100 | Beograd, Yugoslavia |
| | 300 | R. Nederland, Madagascar |
| | 100/350 | Kalamabad, Iran |
| | 100 | KTWR, Guam |
| | 1 | R. Clube Goiania, Brazil |
| | 1.5 | R. Oriental, Uruguay |
| 11740 | 250 | Kavala (VOA), Greece |
| | 500 | Flevo, Netherlands |
| | 100 | RDP, Portugal |
| | 120/250 | Bucharest, Romania |
| | 250 | Wooferton (VOA), United Kingdom |
| | | USSR |
| | 20/500 | Vatican Radio |
| | 300 | R. Nederland, Madagascar |
| | 20/250 | Limassol (BBC), Cyprus |
| | 100 | BBC Masirah Isl., Oman |
| | 50/350 | Riyadh/Jeddah, Saudi Arabia |
| | 100/250 | Dhaka, Bangladesh |
| | 35/250 | VOA Philippines |
| | 50/500 | Greenville (VOA/UN), USA |
| | 50/250 | Delano (VOA), USA |
| | 100 | WYFR Family Radio, USA |
| | 50/100 | VOFC via WYFR, USA |
| | 300 | R. Netherland, Bonaire, Neth. Ant. |
| | 50/500 | HCJB, Ecuador |
| 11745 | | USSR |
| | | R. Baghdad, Iraq |
| | 100/250 | Dhaka, Bangladesh |
| | 10/250 | VOFC, Taiwan |
| | 10/250 | Islamabad, Pakistan |
| 11750 | 100/500 | TWR, Monaco |
| | 100/250 | BBC, United Kingdom |
| | | USSR |
| | 250 | BBC, Ascension Isl. |
| | 35/100 | Tangier (VOA), Morocco |
| | 25/100 | FEBA Radio, Seychelles |
| | 20/250 | Limassol (BBC), Cyprus |
| | 500 | Salah el Deen, Iraq |
| | 250 | Al Khaisah, Qatar |
| | 10 | FEN Tokyo, Japan |
| | 100/250 | BBC Kranji, Singapore |
| | | Hanoi, Vietnam |
| 11755 | 300 | Moosbrunn, Austria |
| | 15/250 | Pori, Finland |
| | | USSR |
| | 50 | ELWA Monrovia, Liberia |
| | 25/100 | FEBA Radio, Seychelles |
| | | R. Nacional, Argentina |
| 11760 | 250 | Kavala (VOA), Greece |
| | 50 | Rhodes (VOA), Greece |
| | 100/250 | BBC, United Kingdom |
| | | USSR |
| | 20/500 | Vatican Radio |
| | 50/250 | Monrovia (VOA), Liberia |
| | 35/100 | Tangier (VOA), Morocco |
| | 25/100 | FEBA Radio, Seychelles |
| | 25/100 | TWR, Swaziland |
| | 20/250 | Limassol (BBC), Cyprus |
| | 35/250 | VOA, Philippines |
| | 300 | Carnarvon, Australia |
| | 0.5 | Rarotonga, Cook Islands |
| | 50/100 | Habana, Cuba |
| 11765 | 100/500 | Sofia, Bulgaria |
| | 100/500 | DW, Germany |
| | | USSR |
| | 250 | DW Kigali, Rwanda |
| | 500 | Babylon, Iraq |
| | 100/250 | Dhaka, Bangladesh |
| | | Beijing, China |
| | 100 | AIR Delhi, India |
| | 250 | DW, Sri Lanka |
| | 100 | KTWR, Guam |
| 11770 | 100/500 | RFI, France |
| | 20/250 | RFE/RL |
| | | USSR |
| | 500 | Moyabi (RFI), Gabon |
| | 50/100 | Ikorodu, Nigeria |
| | 250/500 | Ankara, Turkey |
| | 100 | Al Hiswah, Yemen (PDR) |
| | | RRI Jakarta, Indonesia |
| | 50/100 | R. Veritas Asia, Philippines |
| | 100 | KFBS Marpi, No. Mariana Isl. |
| | 10 | "R. México Internacional", México |
| 11775 | 120/250 | Bucharest, Romania |
| | 100/350 | REE, Spain |
| | 100/250 | VOA/RCI, United Kingdom |
| | | USSR |
| | | CBS, Taiwan |
| | 35/250 | VOA, Philippines |
| | 50/250 | Sackville (BBC), Canada |
| | 250 | BBC, Antigua |
| 11780 | 100 | RTBF, Belgium |
| | 100/250 | BBC, United Kingdom |
| | | USSR |
| | 50/250 | Monrovia (VOA/UN), Liberia |
| | 100/250 | Dhaka, Bangladesh |
| | 50/200 | NHK, Japan |
| | | Pyongyang, Korea (DPR) |
| | 8 | R. Belgrano, Argentina |
| | 250 | R. Nal. da Amazônia, Brazil |
| 11785 | 100/500 | DW, Germany |
| | 50/500 | RBI, GDR |
| | 250 | Cyclops (DW), Malta |
| | | USSR |
| | 100 | Mokattam, Egypt |
| | 250 | DW Kigali, Rwanda |
| | 500 | Salah el Deen, Iraq |
| | 250 | DW, Antigua |
| | 7.5 | R. Guaibá, Brazil |
| 11790 | 100/500 | RFI, France |
| | 120/250 | Bucharest, Romania |
| | 100/350 | REE, Spain |
| | | USSR |
| | 500 | Tripoli/Sabrata, Libya |
| | 35/100 | Tangier (VOA), Morocco |
| | 25/100 | FEBA Radio, Seychelles |
| | 100 | SABC, South Africa |
| | 100 | RRI Jakarta, Indonesia |
| | 175/250 | Bethany (VOA/AFRTS), USA |
| 11795 | 100/500 | DW, Germany |
| | 50/500 | RBI, GDR |
| | 250 | Cyclops (DW), Malta |
| | 100/250 | BBC, United Kingdom |
| | | USSR |
| | 500 | Tripoli/Sabrata, Libya |
| | 100 | AIR Delhi, India |
| v | 25 | R. Dif. Nacional, Colombia |
| 11800 | 120/250 | Prague, Czechoslovakia |

| kHz | kW | Stations & Countries |
|---|---|---|
| 11800 | 100/500 | RFI, France |
| | 50/100 | Rome (RAI/UN), Italy |
| | 100 | RDP, Portugal |
| | | USSR |
| | 50/350 | Riyadh/Jeddah, Saudi Arabia |
| | 100/250 | Dhaka, Bangladesh |
| | 100 | Ekala, Sri Lanka |
| | 100 | Shepparton, Australia |
| | 100 | WYFR Family Radio, USA |
| 11805 | 100/500 | RFI, France |
| | 100/500 | DW, Germany |
| | 250 | Kavala (VOA), Greece |
| | 100 | Daventry (RCI), United Kingdom |
| | | USSR |
| | 35/100 | Tangier (VOA), Morocco |
| | 100 | Kabul, Afghanistan |
| | 100/250 | Gimje, Korea Rep. |
| | 35/250 | VOA, Philippines |
| | 50/250 | Delano (VOA/AFRTS), USA |
| | 100 | WYFR Family Radio, USA |
| | 10 | R. Globo, Brazil |
| 11810 | 100/500 | RFI, France |
| | 100/500 | DW, Germany |
| | 50/100 | RAI Rome, Italy |
| | 120/250 | Bucharest, Romania |
| | | USSR |
| | 20/500 | Vatican Radio |
| | 25/100 | FEBA Radio, Seychelles |
| | 10/100 | AIR Delhi, India |
| | 100/250 | Gimje, Korea Rep. |
| | 250 | DW, Antigua |
| | 50 | DW, Montserrat |
| | 1/30 | R. Nal. de Chile |
| 11815 | 20/250 | RFE/RL |
| | 8/100 | Warsaw, Poland |
| | 100/350 | REE, Spain |
| | | USSR |
| | 50 | REE Tenerife, Canary Isl. |
| | 250 | Moyabi (V. of the Gospel), Gabon |
| | 500 | Tripoli/Sabrata, Libya |
| | 100 | Salman Pak, Iraq |
| | 250 | Abu Dhabi, UAE |
| | 100 | AIR Delhi, India |
| | 50/200 | NHK, Japan |
| | 10/100 | Islamabad, Pakistan |
| | 50 | FEBC, Philippines |
| | 50 | TWR Bonaire, Neth. Ant. |
| | 7.5 | R. Brasil Central, Brazil |
| 11820 | 100/500 | DW, Germany |
| | | USSR |
| | 250 | BBC, Ascension Isl. |
| | 120 | Maputo, Mozambique |
| | 250/500 | Ankara, Turkey |
| | 100/250 | Gimje, Korea Rep. |
| | 250 | Delano (BBC), USA |
| | 0.15 | Hermosillo, México |
| 11825 | 20/250 | RFE/RL |
| | 50/500 | RBI, GDR |
| | | USSR |
| | 10/250 | VOFC, Taiwan |
| | 100 | KFBS Marpi, No. Mariana Isl. |
| | 20 | Papeete, Tahiti |
| | 50/250 | Sackville (RCI), Canada |
| | 50/500 | Greenville (VOA/UN), USA |
| | 500 | Montsinery (RFI), Fr. Guiana |
| 11830 | 120/250 | Bucharest, Romania |
| | | USSR |
| | 20/500 | Vatican Radio |
| | 100 | BBC Relay, Lesotho |
| | 50 | ELWA, Monrovia, Liberia |
| | 100 | AIR Delhi/Bombay, India |
| | | Pyongyang, Korea (DPR) |
| | 175/250 | Bethany (VOA/OAS/UN), USA |
| | 100 | WYFR Family Radio, USA |
| 11835 | 500 | Moosbrunn, Austria |
| | 250 | Kavala (VOA), Greece |
| | 100/250 | BBC/VOA, United Kingdom |
| | | USSR |
| | 50/250 | Monrovia (VOA), Liberia |
| v | 25 | Maputo, Mozambique |

| kHz | kW | Stations & Countries |
|---|---|---|
| 11835 | 20/250 | Limassol (BBC), Cyprus |
| | 35 | Ekala, Sri Lanka |
| | 300 | Carnarvon, Australia |
| | 50/500 | HCJB, Ecuador |
| | 5 | R. El Espectador, Uruguay |
| 11840 | 100/500 | Sofia, Bulgaria |
| | 250 | Kavala (VOA), Greece |
| | 8/100 | Warsaw, Poland |
| | 100 | RDP, Portugal |
| | 120/250 | Bucharest, Romania |
| | 100/350 | REE, Spain |
| | | USSR |
| | 50 | Yuzhno-Sakhalinsk, USSR |
| | 50 | NHK, Japan |
| | 35/250 | VOA, Philippines |
| | 100 | KTWR, Guam |
| | 100 | Habana (R. Moscow Relay), Cuba |
| 11845 | 50/500 | Tirana, Albania |
| | 100/500 | RFI, France |
| | 250 | Kavala (VOA), Greece |
| | 500 | RSI, Sweden |
| | | USSR |
| | 20/500 | Vatican Radio |
| | 35/100 | Tangier (VOA), Morocco |
| | 20/250 | Limassol (BBC), Cyprus |
| | 50/250 | Sackville (RCI), Canada |
| 11850 | 100/500 | DW, Germany |
| | 100/350 | REE, Spain |
| | | USSR |
| | 50/250 | Monrovia (VOA), Liberia |
| | 35/100 | Tangier (VOA), Morocco |
| | 50 | Lusaka, Zambia |
| | 100 | BBC Masirah Isl., Oman |
| | 100 | AIR Delhi, India |
| | 50/100 | FEBC, Philippines |
| | 100/250 | BBC Kranji, Singapore |
| | 100 | KNLS Anchor Point, Alaska |
| | 50/250 | Sackville (RCI), Canada |
| | | R. Habana, Cuba |
| 11855 | 120/250 | Prague, Czechoslovakia |
| | 100/500 | DW Germany |
| | 20/250 | RFE/RL |
| | 250 | Sines (DW), Portugal |
| | 25/100 | FEBA Radio, Seychelles |
| | 50/350 | Riyadh/Jeddah, Saudi Arabia |
| | 100 | AIR Delhi, India |
| | | Ulan Bator, Mongolia |
| | 100 | Carnarvon, Australia |
| | 50/250 | Sackville (RCI), Canada |
| | 100 | WYFR Family Radio, USA |
| | 5 | R. Aparecida, Brazil |
| 11860 | 100/500 | Sofia, Bulgaria |
| | 100/500 | NRK, Norway |
| | | USSR |
| | 250 | BBC, Ascension Isl. |
| | 10/250 | VOFC, Taiwan |
| | 100 | FEBC, Philippines |
| 11865 | 100/500 | DW, Germany |
| | 100/500 | NRK, Norway |
| | 250 | Sines (DW), Portugal |
| | 250 | Wooferton (VOA), United Kingdom |
| | | USSR |
| | 20/500 | Vatican Radio |
| | 500 | Tripoli/Sabrata, Libya |
| | 25/100 | FEBA Radio, Seychelles |
| | 100 | AIR Delhi, India |
| | 100/250 | BBC Kranji, Singapore |
| | 50 | DW, Montserrat |
| 11870 | 100/500 | Sofia, Bulgaria |
| | 100/500 | SRI, Switzerland |
| | | USSR |
| | 50/350 | Riyadh/Jeddah, Saudi Arabia |
| | | Beijing, China |
| 11875 | 20/250 | RFE/RL |
| | 250 | Kavala (VOA), Greece |
| | 250 | Wooferton (VOA), United Kingdom |
| | 100 | AIR Delhi, India |
| | 50/200 | NHK, Japan |
| | 50/500 | Greenville (VOA/UN), USA |
| | 50/80 | TWR Bonaire, Neth. Ant. |

| kHz | kW | Stations & Countries |
|---|---|---|
| 11875 | 10 | R. Soc. Bahia, Brazil |
| 11880 | 100/500 | RFI, France |
| | 100/350 | REE, Spain |
| | | USSR |
| | 50/350 | Riyadh/Jeddah, Saudi Arabia |
| | | Pyongyang, Korea (DPR) |
| | 10 | Lyndhurst, Australia |
| | 100 | KFBS Marpi, No. Mariana Isl. |
| | 10 | Port Moresby, Papua New Guinea |
| | 300 | R. Nederland, Bonaire, Neth. Ant. |
| 11885 | 20/250 | RFE/RL |
| | 120/250 | Bucharest, Romania |
| | 100 | SABC, South Africa |
| | 100 | Shepparton, Australia |
| 11890 | 50/500 | RBI, GDR |
| | 100/350 | REE, Spain |
| | | USSR |
| | 50 | Seeb, Oman |
| | 250 | Abu Dhabi, UAE |
| | 50 | FEBC, Philippines |
| | 50/500 | Greenville (VOA), USA |
| | 175/250 | Bethany (VOA), USA |
| 11895 | 20/250 | RFE/RL |
| | 25/100 | Dakar, Senegal |
| | 25/100 | FEBA Radio, Seychelles |
| | 100 | AIR Delhi, India |
| | 35/250 | VOA, Philippines |
| | 100 | Shepparton, Australia |
| | 50/500 | Greenville (VOA), USA |
| | 100 | WYFR Family Radio, USA |
| | 50/250 | TWR, Bonaire, Neth. Ant. |
| | 1 | R. Rio Grande do Sul, Brazil |
| 11900 | | USSR |
| | 250/500 | RSA, South Africa |
| | 100 | SABC, South Africa |
| | 20/250 | Limassol (BBC), Cyprus |
| | 100 | BBC Masirah Isl., Oman |
| | 50/350 | Riyadh/Jeddah, Saudi Arabia |
| | 100 | Kajang, Malaysia |
| | 100 | KYOI Saipan, No. Mariana Isl. |
| | 50/500 | Greenville (VOA/UN), USA |
| | 50/500 | HCJB, Ecuador |
| 11905 | 50/500 | Tirana, Albania |
| | 100/500 | DW, Germany |
| | 50/100 | RAI Rome, Italy |
| | 250 | Cyclops (DW), Malta |
| | | USSR |
| | 100 | Abu Zabaal, Egypt |
| | | Beijing, China |
| | 100 | CBS, Taiwan |
| | 100 | Bangkok, Thailand |
| | 50/250 | Sackville (RCI), Canada |
| | 50/500 | Greenville (VOA/UN), USA |
| | 1 | R. Universo, Brazil |
| 11910 | 100/500 | DW, Germany |
| | 3/250 | Budapest, Hungary |
| | 100/500 | NRK, Norway |
| | 100/250 | BBC, United Kingdom |
| | | USSR |
| | 50/350 | Riyadh/Jeddah, Saudi Arabia |
| | 35/250 | VOA, Philippines |
| | 100/250 | BBC Kranji, Singapore |
| | 100 | Shepparton, Australia |
| | 50/500 | HCJB, Ecuador |
| 11915 | 50/500 | Tirana, Albania |
| | 20/250 | RFE/RL |
| | 250 | Sines (RCI), Portugal |
| | | USSR |
| | 100 | Abu Zabaal, Egypt |
| | 50/250 | Monrovia (VOA), Liberia |
| | 50/350 | Riyadh/Jeddah, Saudi Arabia |
| | 250 | Abu Dhabi, UAE |
| | 10/250 | VOFC, Taiwan |
| | 50 | FEBC, Philippines |
| | 50/500 | Greenville (VOA), USA |
| | 10 | R. Gaucha, Brazil |
| v | 100 | R. Nacional, Paraguay |
| 11920 | 250 | Kavala (VOA), Greece |
| | 100/350 | REE, Spain |
| | | USSR |

| kHz | kW | Stations & Countries |
|---|---|---|
| 11920 | 100 | Abidjan, Ivory Coast |
| | 100 | Amman, Jordan |
| | 100/250 | Dhaka, Bangladesh |
| | 50 | FEBC, Philippines |
| | 35/250 | VOA, Philippines |
| | 50 | Shepparton, Australia |
| | 100 | KTWR, Guam |
| | 50/500 | Greenville (VOA/UN), USA |
| | 50/250 | Dixon (VOA), USA |
| 11925 | 20/250 | RFE/RL |
| | 250 | Kavala (VOA), Greece |
| | 100/500 | NRK, Norway |
| | 100 | RDP, Portugal |
| | 500 | RSI, Sweden |
| | 100/250 | BBC, United Kingdom |
| | | USSR |
| | 20/250 | Limassol (BBC), Cyprus |
| | 100/250 | Dhaka, Bangladesh |
| | 35/250 | VOA, Philippines |
| | 50/250 | Sackville (RCI), Canada |
| | 50/500 | Greenville (VOA), USA |
| | 100 | WYFR Family Radio, USA |
| | 10 | R. Bandeirantes, Brazil |
| | 50/500 | HCJB, Ecuador |
| 11930 | 100/500 | RFI, France |
| | 100/500 | TWR, Monaco |
| | 500 | Flevo, Netherlands |
| | | USSR |
| | | Pyongyang, Korea (DPR) |
| | 50 | FEBC, Philippines |
| | 35/250 | VOA, Philippines |
| 11935 | 50/500 | Tirana, Albania |
| | 20/250 | RFE/RL |
| | 500 | Flevo, Netherlands |
| | 100 | Daventry (RCI), United Kingdom |
| | 100 | SABC, South Africa |
| | 20 | AIR Delhi, India |
| | 50/200 | NHK, Japan |
| v | 25 | R. Cl. Paranaense, Brazil |
| 11938 | | Phnom Penh, Kampuchea (PR) |
| 11940 | 120/250 | Bucharest, Romania |
| | 100/350 | REE, Spain |
| | 500 | RSI, Sweden |
| | | USSR |
| | 500 | Africa No. 1, Gabon |
| | 50 | ELWA, Monrovia, Liberia |
| | 250 | AIR Aligarh, India |
| | 50 | Singapore Bc. Corp., Singapore |
| | 100 | KNLS Anchor Point, Alaska |
| | 50/250 | Sackville (RCI), Canada |
| 11945 | 250 | Kavala (VOA), Greece |
| | 100/500 | NRK, Norway |
| | 100/350 | REE, Spain |
| | 100/250 | BBC, United Kingdom |
| | | USSR |
| | 35/100 | Tangier (VOA), Morocco |
| | 20/250 | Limassol (BBC), Cyprus |
| | 100 | Dhaka, Bangladesh |
| | | Beijing, China |
| | 35/250 | VOA, Philippines |
| | 100 | KNLS Anchor Point, Alaska |
| | 50/250 | Sackville (RCI), Canada |
| 11950 | 100/500 | DW, Germany |
| | 100 | Varberg, Sweden (SSB) |
| | | USSR |
| | 50/100 | Alma Ata, USSR |
| | 50/350 | Riyadh/Jeddah, Saudi Arabia |
| | 50/200 | NHK, Japan |
| | 50/250 | Dixon (VOA), USA |
| | | R. Habana, Cuba |
| 11952 | 7.5 | R. MEC, Brazil |
| 11955 | 15/250 | Pori, Finland |
| | 100/500 | RFI, France |
| | 100/500 | DW, Germany |
| | 500 | RSI, Sweden |
| | 100/250 | BBC, United Kingdom |
| | | USSR |
| | 20/500 | Vatican Radio |
| | 100 | Luanda, Angola |
| | 100 | BBC Masirah Isl., Oman |

| kHz | kW | Stations & Countries |
|---|---|---|
| 11955 | 250/500 | Ankara, Turkey |
| | 100/250 | BBC Kranji, Singapore |
| | 50/250 | Sackville (RCI), Canada |
| 11960 | 50 | Herstedvester, Denmark |
| | 100 | Munich (VOA), Germany |
| | 50/500 | RBI, GDR |
| | 50 | Rhodes (VOA), Greece |
| | 500 | RSI, Sweden |
| | 100/250 | BBC, United Kingdom |
| | | USSR |
| | | Kabul Relay, USSR |
| | 50 | Tangier (RTM), Morocco |
| | 50/250 | Sackville (RCI), Canada |
| | 5 | R. Minería, Chile |
| | 50/500 | HCJB, Ecuador |
| 11965 | 50/500 | Tirana, Albania |
| | 100/500 | RFI, France |
| | 100/500 | DW, Germany |
| | | USSR |
| | 250 | DW Kigali, Rwanda |
| | 50/350 | Riyadh/Jeddah, Saudi Arabia |
| | 35/250 | VOA, Philippines |
| | 100 | WRNO, USA |
| | 7.5 | R. Record, Brazil |
| 11970 | 20/250 | RFE/RL |
| | 120/250 | Bucharest, Romania |
| | | USSR |
| | 100 | Shepparton, Australia |
| | 100 | WYFR Family Radio, USA |
| | | R. Habana, Cuba |
| 11975 | 50/500 | RBI, GDR |
| | | USSR |
| | 100 | Abu Zaabal, Egypt |
| 11980 | | USSR |
| | | Beijing, China |
| 11985 | 50/500 | Tirana, Albania |
| | 100/250 | BRT, Belgium |
| | | Pyongyang, Korea (DPR) |
| 11990 | 120/250 | Prague, Czechoslovakia |
| | | USSR |
| | 500 | Kuwait |
| 11995 | 100/500 | RFI, France |
| | | USSR |
| | 5 | Moghilev, USSR |
| | 10/250 | Islamabad, Pakistan |
| | 500 | Montsinery (RFI), Fr. Guiana |
| 12000 | 3/250 | Budapest, Hungary |
| | | USSR |
| | 10 | VNG Lyndhurst, Australia |
| 12005 | | USSR |
| | 10/250 | Islamabad, Pakistan |
| 12008 | | EBC, San Fernando, Spain |
| 12010 | | USSR |
| 12015 | 100 | Moosbrunn, Austria |
| | | USSR |
| | | Beijing, China |
| | 50/250 | Ulan Bator, Mongolia |
| | 10/250 | Islamabad, Pakistan |
| 12020 | | USSR |
| 12025 | 100 | Moosbrunn, Austria |
| | 20/300 | Tel Aviv, Israel |
| 12030 | 100/500 | SRI, Switzerland |
| | | USSR |
| 12035 | 100/500 | SRI, Switzerland |
| | | USSR |
| | | Hanoi, Vietnam |
| 12040 | 100/250 | BBC, United Kingdom |
| | | USSR |
| 12045 | | USSR |
| 12050 | | USSR |
| | 100 | Abu Zaabal, Egypt |
| 12055 | | USSR |
| 12060 | | USSR |
| 12065 | | USSR |
| 12070 | | USSR |
| 12075 | | USSR |
| 12080 | 20/300 | Tel Aviv, Israel |
| 12085 | 500 | Damascus, Syria |
| 12095 | 100/250 | BBC, United Kingdom |
| 12110 | | Beijing, China |

| kHz | kW | Stations & Countries |
|---|---|---|
| 12200 | | Beijing, China |
| 12307 | | OBC Callao, Peru |
| 12450 | | Beijing, China |
| 12687 | | EMBRATEL, Brazil |
| 12724 | 10 | Cape Town Radio, South Africa |
| 12745 | | VWC Calcutta, India |
| 12763.5 | 15 | DAM Hamburg, Germany |
| 12804 | | Station NPO, Philippines |
| 13020.4 | | VPS60 Time Signal St., Hong Kong |
| 13282 | | Hong Kong Aeradio, Hong Kong |
| 13605 | 10/250 | Islamabad, Pakistan |
| 13700 | 500 | Salah el Deen, Iraq |
| 13720 | 20/300 | Tel Aviv, Israel |
| 13797 | 10 | Rikisutvarpid, Iceland (SSB/AM) |
| 13873 | 6 | FTN87 Saint-Assise, France |
| 14320 | 50/500 | Tirana, Albania |
| 14500 | | UN-Radio, Geneva, Switzerland (SSB) |
| 14670 | 3 | CHU Ottawa, Canada |
| 14802 | 10 | Betio Island, Kiribati (SSB) |
| 14996 | 8 | RWM Moscow, USSR |
| 15000 | 5 | RTA Novosibirsk, USSR |
| | 10/20 | BPM Lintong, China |
| | 5 | BSF Taiwan |
| | 8 | ATA New Delhi, India |
| | 2 | JJY Tokyo, Japan |
| | 10 | WWVH Kauai, Hawaii |
| | 10 | WWV Fort Collins, USA |
| | 2 | LOL, Argentina |
| 15004 | 1 | RID Irkutsk, USSR |
| 15010 | | Hanoi, Vietnam |
| 15030 | | Beijing, China |
| 15040 | | Beijing, China |
| 15045 | | USSR |
| 15055 | | WYFR via VOFC, Taiwan |
| 15060 | 50/350 | Riyadh/Jeddah, Saudi Arabia |
| 15070 | 100/250 | BBC, United Kingdom |
| 15077 | 100 | Kabul, Afghanistan |
| 15084 | 100/350 | Kalamabad, Iran |
| 15095 | | Beijing, China |
| 15100 | 50/500 | RBI, GDR |
| | | USSR |
| | | Beijing, China |
| 15105 | 100/500 | DW, Germany |
| | 250 | BBC, Ascension Isl. |
| | 20/300 | Tel Aviv, Israel |
| | 50/100 | R. Veritas Asia, Philippines |
| | 250 | DW, Sri Lanka |
| | 50/250 | Greenville (UN), USA |
| | 250 | DW Antigua |
| | 250 | R. Nacional, Brazil |
| 15110 | 120/250 | Prague, Czechoslovakia |
| | | USSR |
| | 20/500 | Vatican Radio |
| v | | Batá, Equatorial Guinea |
| | 500 | Kuwait |
| | | Beijing, China |
| | 250 | AIR Aligarh, India |
| | 50 | WMLK, USA |
| 15115 | 20/250 | RFE/RL |
| | 100/250 | BBC, United Kingdom |
| | 20/500 | Vatican Radio |
| | 20/250 | Limassol (BBC), Cyprus |
| | 250 | Abu Dhabi, UAE |
| | | Beijing, China |
| | 10/250 | Islamabad, Pakistan |
| | 100 | KTWR, Guam |
| | 50/500 | Greenville (VOA/UN), USA |
| | 50/500 | HCJB, Ecuador |
| 15119 | 50/100 | Ikorodu, Nigeria |
| 15120 | 100/500 | DW, Germany |
| | 8/100 | Warsaw, Poland |
| | 250 | Wooferton (VOA), United Kingdom |
| | | USSR |
| | 20/500 | Vatican Radio |
| | | Beijing, China |
| | 35/100 | Ekala, Sri Lanka |
| | 50/500 | Greenville (VOA/UN), USA |
| 15125 | 20/250 | RFE/RL |
| | 100 | RDP, Portugal |
| | 100/350 | REE, Spain |

| kHz | kW | Stations & Countries |
|---|---|---|
| 15125 | | USSR |
| | | Beijing, China |
| | 10/250 | VOFC, Taiwan |
| | 100 | Shepparton, Australia |
| | 10 | R. Soc. Bahia, Brazil |
| 15130 | 20/250 | RFE/RL |
| | | USSR |
| | 100 | AIR Delhi, India |
| | 100 | WYFR Family Radio, USA |
| | 50/100 | VOFC via WYFR, USA |
| 15135 | 100/500 | RFI, France |
| | 100/500 | DW, Germany |
| | | USSR |
| | | Beijing, China |
| | 50/100 | R. Veritas Asia, Philippines |
| | 35/250 | VOA Philippines |
| | 7.5 | R. Record, Brazil |
| 15140 | 50 | Herstedvester, Denmark |
| | | USSR |
| | 300/500 | Dubai, UAE |
| | | Beijing, China |
| | 50 | AIR Delhi, India |
| | 250/350 | Carnarvon, Australia |
| | 50/250 | Sackville (RCI), Canada |
| | 100 | R. Nal. de Chile, Chile |
| | 500 | Montsinery (RFI), Fr. Guiana |
| 15145 | 20/250 | RFE/RL |
| | 50 | WINB, USA |
| | 15 | R. Jornal do Brazil, Brazil |
| 15150 | | USSR |
| | 100/250 | Dhaka, Bangladesh |
| | | Beijing, China |
| | 100 | RRI Jakarta, Indonesia |
| | 50/250 | Sackville (RCI), Canada |
| | 50/250 | Greenville (VOA/UN), USA |
| | 50 | WMLK, USA |
| | | R. Columbia, Costa Rica |
| | 100 | R. Nal. de Chile, Chile |
| 15155 | 100/500 | RFI, France |
| | | USSR |
| | 250 | Abis Egypt |
| | 250/500 | RSA, South Africa |
| | 35/250 | VOA, Philippines |
| | 50/500 | Greenville (VOA/UN), USA |
| | 50/500 | HCJB, Ecuador |
| 15160 | 100/500 | DW, Germany |
| | 3/250 | Budapest, Hungary |
| | 250 | Sines (DW), Portugal |
| | 100/350 | REE, Spain |
| | | USSR |
| | 100 | Alger, Algeria |
| | 100 | AIR Delhi, India |
| | 35/250 | VOA, Philippines |
| | 10/100 | Lyndhurst,/Shepparton, Australia |
| | 50/500 | Greenville (VOA/OAS), USA |
| | 175/250 | Bethany (VOA/UN), USA |
| | 10 | "La Voz de la América Latina", México |
| | 50/500 | HCJB, Ecuador |
| 15165 | 50 | Herstedvester, Denmark |
| | 100/500 | NRK, Norway |
| | | Beijing, China |
| | 100 | AIR Bombay, India |
| | 100 | Shepparton, Australia |
| 15167r | 5 | Ceará Radio Clube, Brazil |
| 15170 | 20/250 | RFE/RL |
| | 50/500 | RBI, GDR |
| | | USSR |
| | 20 | Papeete, Tahiti |
| 15175 | 100/500 | NRK, Norway |
| | | USSR |
| | 100 | Abu Zaabal, Egypt |
| | 100/250 | Dhaka, Bangladesh |
| | 100/250 | AIR Delhi/Aligarh, India |
| | 10 | "La Voz de la América Latina", México |
| 15180 | 100/500 | RFI, France |
| | 100/250 | BBC, United Kingdom |
| | | USSR |
| | | Beijing, China |
| 15185 | 100/500 | DW, Germany |
| | | USSR |

| kHz | kW | Stations & Countries |
|---|---|---|
| 15185 | 50/100 | Ikorodu, Nigeria |
| | 250/500 | RSA, South Africa |
| | 10/250 | Islamabad, Pakistan |
| | 35/250 | VOA, Philippines |
| | 250 | DW, Sri Lanka |
| | 50 | WINB, USA |
| 15190 | 100/500 | RFI, France |
| | 100 | RDP, Portugal |
| | | USSR |
| | 20/500 | Vatican Radio |
| | 50 | Brazzaville, Congo |
| | | Beijing, China |
| | 100 | KYOI Saipan, No. Mariana Isl. |
| | 50/250 | Sackville (RCI), Canada |
| | 5 | R. Inconfidência, Brazil |
| 15195 | 100/500 | RFI, France |
| | 50 | Rhodes (VOA), Greece |
| | | USSR |
| | 35/100 | Tangier (VOA/UN), Morocco |
| | 500 | Salah el Deen, Iraq |
| | | Beijing, China |
| | 20/100 | NHK, Japan |
| | 50/100 | R. Veritas Asia, Philippines |
| | 50/500 | Greenville (VOA), USA |
| 15200 | 100/500 | RFI, France |
| | | USSR |
| | 250 | Africa No. 1, Gabon |
| | | Beijing, China |
| | 500 | Montsinery (RFI), Fr. Guiana |
| | 0.5 | R. Guarani, Paraguay |
| 15205 | 120/500 | Prague, Czechoslovakia |
| | 100/500 | DW, Germany |
| | 250 | Kavala (VOA), Greece |
| | 100/250 | BBC/VOA, United Kingdom |
| | | USSR |
| | 25/100 | FEBA Radio, Seychelles |
| | 50/500 | Greenville (VOA), USA |
| | 250 | DW, Antigua |
| | 250 | VOA Relay, Brazil |
| 15210 | 100/250 | RTBF, Belgium |
| | 100/500 | NRK, Norway |
| | | USSR |
| | 250 | Abis, Egypt |
| | 50/200 | NHK, Japan |
| | 35/250 | VOA, Philippines |
| 15215 | 50/250 | RFE/RL |
| | 100/250 | BBC, United Kingdom |
| | | USSR |
| | 50 | Alger, Algeria |
| | 50/100 | R. Veritas Asia, Philippines |
| | 35/250 | VOA, Philippines |
| | 250 | DW, Sri Lanka |
| | 100 | WYFR Family Radio, USA |
| | 50/100 | VOFC via WYFR, USA |
| | 2.5 | R. Timbira, Brazil |
| 15220 | 3/250 | Budapest, Hungary |
| | 100/500 | NRK, Norway |
| | | USSR |
| | 250 | Abis, Egypt |
| | 250/500 | RSA South Africa |
| | 250/500 | Ankara, Turkey |
| 15225 | 100/500 | NRK, Norway |
| | 100/250 | BBC/VOA, United Kingdom |
| | 100 | Sfax, Tunisia |
| | 10/250 | VOFC, Taiwan |
| | 100/250 | BBC Kranji, Singapore |
| | 100 | KFBS Marpi, No. Mariana Isl. |
| 15230 | | USSR |
| | 250 | Abu Dhabi, UAE |
| | 100/250 | Dhaka, Bangladesh |
| | 100 | AIR Delhi, India |
| | | Pyongyang, Korea (DPR) |
| | 10 | Lyndhurst, Australia |
| | | R. Habana, Cuba |
| 15235 | 100/250 | VOA/RCI, United Kingdom |
| | 50/250 | Monrovia (VOA/UN), Liberia |
| | 500 | Tripoli/Sabrata, Libya |
| | 35/100 | Tangier (VOA), Morocco |
| | 100 | BBC Masirah Isl., Oman |
| | 50/200 | NHK, Japan |

| kHz | kW | Stations & Countries |
|---|---|---|
| 15235 | 50/500 | Greenville (VOA), USA |
| 15240 | 50/500 | RBI, GDR |
| | | USSR |
| | 100 | Beograd, Yugoslavia |
| | 50 | AIR Delhi, India |
| | 10/100 | Lyndhurst/Shepparton, Australia |
| | 100 | KTWR, Guam |
| 15245 | 100/500 | DW, Germany |
| | 50/100 | Rome (RAI/UN), Italy |
| | 250 | Sines (DW), Portugal |
| | 100/250 | BBC, United Kingdom |
| | | USSR |
| | 35/100 | Tangier (VOA/UN), Morocco |
| | 50/350 | Riyadh/Jeddah, Saudi Arabia |
| | | Pyongyang, Korea (DPR) |
| 15250 | 100 | RDP, Portugal |
| | 120/250 | Bucharest, Romania |
| | | R. Mediterraneé Intern., Morocco |
| | 250 | Soroti, Uganda |
| | 100/250 | Dhaka, Bangladesh |
| | | Beijing, China |
| | 50 | AIR Delhi, India |
| | 35/250 | VOA/UN, Philippines |
| | 35 | Colombo (VOA), Sri Lanka |
| | 50/500 | HCJB, Ecuador |
| 15255 | 20/250 | RFE/RL |
| | 50/500 | RBI, GDR |
| | | USSR |
| | | Kabul Relay, USSR |
| | 100 | Abu Zaabal, Egypt |
| 15260 | 100/500 | DW, Germany |
| | 250 | Cyclops (DW), Malta |
| | | USSR |
| | 250 | BBC, Ascension Isl. |
| | | Beijing, China |
| | 10 | FEN Tokyo, Japan |
| | 50/250 | Sackville (RCI/BBC), Canada |
| 15265 | 15/250 | Pori, Finland |
| | 100 | Munich (VOA/AFRTS), Germany |
| | | USSR |
| | 100 | AIR Bombay, India |
| | 100 | KTWR, Guam |
| | 50/500 | Greenville (VOA), USA |
| | 7.5 | R. Globo, Brazil |
| 15270 | 500 | Moosbrunn, Austria |
| | 100/500 | DW, Germany |
| | 100/250 | BBC/VOA, United Kingdom |
| | | USSR |
| | 250 | DW Kigali, Rwanda |
| v | 100/250 | Dhaka, Bangladesh |
| | 10/250 | VOFC, Taiwan |
| | 250 | R. Nacional, Brazil |
| 15275 | 500 | Moosbrunn, Austria |
| | 100/500 | DW, Germany |
| | | USSR |
| | 250 | Abu Dhabi, UAE |
| | 50/100 | R. Veritas Asia, Philippines |
| | 250 | DW, Antigua |
| 15280 | 250 | Wooferton (VOA), United Kingdom |
| | | USSR |
| | 35/100 | Tangier (VOA), Morocco |
| | 100/250 | Dhaka, Bangladesh |
| | | Beijing, China |
| | 100 | AIR Bombay, India |
| | 50/100 | R. Veritas Asia, Philippines |
| | 100/250 | BBC Kranji, Singapore |
| | 50/250 | KGEI, USA |
| 15285 | 100 | RDP, Portugal |
| | 500 | RSI, Sweden |
| | | USSR |
| | 50/250 | Sackville (CBC), Canada |
| 15290 | 20/250 | RFE/RL |
| | | USSR |
| | 35/250 | VOA, Philippines |
| | | R. Nacional, Argentina |
| | 250 | R. Nacional, Brazil |
| 15295 | | USSR |
| v | 100 | Maputo, Mozambique |
| | 500 | Kajang, Malaysia |
| | 50/500 | HCJB, Ecuador |

| kHz | kW | Stations & Countries |
|---|---|---|
| 15300 | 100/500 | RFI, France |
| | | USSR |
| | 100/250 | Dhaka, Bangladesh |
| | 50/200 | NHK, Japan |
| | 35/250 | VOA, Philippines |
| | | R. Habana, Cuba |
| 15305 | 100/500 | SRI, Switzerland |
| | | USSR |
| | | Pyongyang, Korea (DPR) |
| | 50/250 | Ulan Bator, Mongolia |
| | 35/250 | AFRTS, Philippines |
| 15310 | 100/250 | BBC, United Kingdom |
| | | USSR |
| | 80 | Conakry, Guinea Rep. |
| | 100 | BBC Masirah Isl., Oman |
| | 100/250 | BBC Kranji, Singapore |
| | 100/250 | Shepparton/Carnarvon, Australia |
| 15315 | 100/500 | RFI, France |
| | 250 | Sines (RCI), Portugal |
| | | USSR |
| | 500 | Moyabi (NHK), Liberia |
| | 50/250 | Monrovia (VOA), Gabon |
| | 100/350 | Kalamabad, Iran |
| | 300 | R. Nederland, Bonaire, Neth. Ant. |
| 15320 | 300 | Moosbrunn, Austria |
| | 100/500 | DW, Germany |
| | 250 | Cyclops (DW), Malta |
| | | USSR |
| | 50/250 | Monrovia (VOA), Liberia |
| | 25/100 | FEBA Radio, Seychelles |
| | 300/500 | Dubai, UAE |
| | 100/250 | AIR Delhi/Aligarh, India |
| | 100/250 | BBC Kranji, Singapore |
| | 50 | Shepparton, Australia |
| 15325 | | USSR |
| | 25/100 | FEBA Radio, Seychelles |
| | 250/500 | RSA, South Africa |
| | 250 | Soroti, Uganda |
| | 300/500 | Dubai, UAE |
| | 50/200 | NHK, Japan |
| | 35/250 | VOA, Philippines |
| | 50/250 | Sackville (RCI), Canada |
| v | 1 | R. Gazeta, Brazil |
| 15330 | 50/100 | RAI Rome, Italy |
| | | USSR |
| | 50 | Tanger (RTM), Morocco |
| | 250 | Abu Dhabi, UAE |
| | | Beijing, China |
| | 35/250 | VOA/UN, Philippines |
| | 175 | Bethany (VOA/AFRTS), USA |
| | 50/250 | Delano (AFRTS), USA |
| 15335 | 120/250 | Bucharest, Romania |
| | 250 | Abis, Egypt |
| | 100 | Tanger (RTM), Morocco |
| | 50/350 | Riyadh/Jeddah, Saudi Arabia |
| | 100/250 | Dhaka, Bangladesh |
| | 100 | AIR Madras, India |
| | 250 | AIR Aligarh, India |
| v | 25 | R. Dif. Nacional, Colombia |
| 15340 | 20/250 | RFE/RL |
| | | USSR |
| | | Pyongyang, Korea (DPR) |
| 15345 | | USSR |
| | 250/500 | RSA, South Africa |
| | 250 | Kuwait |
| | 50/350 | Riyadh/Jeddah, Saudi Arabia |
| | 10/250 | VOFC, Taiwan |
| | 50 | FEBC, Philippines |
| | 175/250 | Bethany (VOA/AFRTS), USA |
| | 50/250 | Delano (VOA/AFRTS), USA |
| | 100 | R. Nacional, Argentina |
| 15350 | 6 | R. Luxembourg |
| | | USSR |
| | 50/100 | R. Mediterraneé Intern., Morocco |
| | 50/200 | NHK, Japan |
| | 100 | KFBS Marpi, No. Mariana Isl. |
| | 100 | R. Nal. de Ecuador (via HCJB), Ecuador |
| 15355 | 100/500 | DW, Germany |
| | 20/100 | RFE/RL |
| | 50/250 | Delano (VOA), USA |

| kHz | kW | Stations & Countries |
|---|---|---|
| 15355 | 100 | WYFR Family Radio, USA |
| | 50/250 | KGEI, USA |
| | 250 | DW, Antigua |
| | 80/250 | TWR Bonaire, Neth. Ant. |
| 15360 | 100/500 | RFI, France |
| | 100/500 | DW, Germany |
| | | USSR |
| | | Kabul Relay, USSR |
| | 35/100 | Tangier (UN), Morocco |
| | 100 | AIR Delhi, India |
| | 100/250 | BBC Kranji, Singapore |
| 15365 | 100/500 | RFI, France |
| | 120/250 | Bucharest, Romania |
| | 50 | REE, Tenerife, Canary Isl. |
| | 250 | AIR Aligarh, India |
| | 35/250 | VOA, Philippines |
| | 250 | Darwin, Australia |
| | 50 | WYFR Family Radio, USA |
| 15370 | 20/250 | RFE/RL |
| | | USSR |
| | 50 | Alger, Algeria |
| | 50/350 | Riyadh/Jeddah, Saudi Arabia |
| | 10/250 | VOFC, Taiwan |
| 15375 | 100/350 | REE, Spain |
| | | USSR |
| | 250 | Abis, Egypt |
| | | Pyongyang, Korea (DPR) |
| | 100/250 | Gimje, Korea Rep. |
| 15380 | 20/250 | RFE/RL |
| | 120/250 | Bucharest, Romania |
| | 50/200 | NHK, Japan |
| | 100/250 | BBC Kranji, Singapore |
| | 100 | WYFR Family Radio, USA |
| 15385 | 100/500 | Sofia, Bulgaria |
| | 50/100 | RAI Rome, Italy |
| | | USSR |
| | | Beijing, China |
| | 50 | FEBC, Philippines |
| | 100 | WYFR Family Radio, USA |
| 15390 | 50/500 | RBI, GDR |
| | 500 | RSI, Sweden |
| | 100/250 | BBC, United Kingdom |
| | | USSR |
| | 250 | BBC, Ascension Isl. |
| | 20/250 | Limassol (BBC), Cyprus |
| | 50/500 | HCJB, Ecuador |
| 15395 | 100/350 | REE, Spain |
| | | USSR |
| | 35/250 | VOA, Philippines |
| | 35 | Colombo (VOA), Sri Lanka |
| | 250 | Carnarvon, Australia |
| 15400 | 15/250 | Pori, Finland |
| | 100 | Munich (VOA/AFRTS), Germany |
| | 50/500 | RBI, GDR |
| | 250 | BBC, Ascension Isl. |
| | 250 | Abu Ghraib, Iraq |
| | 100/250 | Dhaka, Bangladesh |
| | | Beijing, China |
| | 50/500 | Greenville (VOA), USA |
| | 30 | R. Nacional, Venezuela |
| 15405 | 50/500 | Tirana, Albania |
| | 100/500 | DW, Germany |
| | 250 | Cyclops (DW), Malta |
| | | USSR |
| | 20/500 | Vatican Radio |
| | 25/100 | FEBA Radio, Seychelles |
| | 100/250 | BBC Kranji, Singapore |
| | 100 | KYOI Saipan, No. Mariana Isl. |
| 15410 | 100 | Moosbrunn, Austria |
| | 100/500 | DW, Germany |
| | | USSR |
| | 250 | DW Kigali, Rwanda |
| | 50 | FEBC, Philippines |
| | 35/250 | VOA, Philippines |
| | 10 | Lyndhurst, Australia |
| | 50/500 | Greenville (VOA/UN), USA |
| | 250 | DW, Antigua |
| 15415 | 50/500 | Tirana, Albania |
| | 250 | Wooferton (VOA), United Kingdom |
| | | USSR |

| kHz | kW | Stations & Countries |
|---|---|---|
| 15415 | 10 | Beograd, Yugoslavia |
| | 500 | Tripoli/Sabrata, Libya |
| | 35/100 | Tangier (VOA), Morocco |
| | 50/500 | Greenville (VOA/UN), USA |
| | 1 | R. Cl. Ribeirão Preto, Brazil |
| 15420 | 100 | Varberg, Sweden (SSB) |
| | | USSR |
| | 100 | Abu Zaabal, Egypt |
| | 20/250 | Limassol (BBC), Cyprus |
| | 100 | KTWR, Guam |
| | 100 | WRNO, USA |
| 15425 | 100/500 | RFI, France |
| | | USSR |
| | | Beijing, China |
| | 35/250 | VOA, Philippines |
| | 100 | Ekala, Sri Lanka |
| | 10/50 | Wanneroo, Australia |
| 15430 | 100/500 | SRI, Switzerland |
| | 25/100 | FEBA Radio, Seychelles |
| | 20/250 | Limassol (BBC), Cyprus |
| | 100/250 | Dhaka, Bangladesh |
| | 35/250 | VOA, Philippines |
| | 50/500 | Greenville (VOA/AFRTS), USA |
| | 50 | "R. México Internacional", México |
| 15435 | 50/500 | Tirana, Albania |
| | 100/500 | RFI, France |
| | 250 | Kavala (VOA), Greece |
| | 100 | Varberg, Sweden (SSB) |
| | 100/250 | BBC, United Kingdom |
| | | USSR |
| | 20/250 | Limassol (BBC), Cyprus |
| | 300/500 | Dubai, UAE |
| | | Beijing, China |
| | 100/250 | BBC Kranji, Singapore |
| | 500 | Montsinery (RFI), Fr. Guiana |
| 15440 | | USSR |
| | 50/250 | Sackville (RCI), Canada |
| | 100 | WYFR Family Radio, USA |
| | 500 | Montsinery (RFI), Fr. Guiana |
| 15445 | 20/250 | RFE/RL |
| | 50/250 | RBI, GDR |
| | 100/250 | BBC, United Kingdom |
| | | USSR |
| | 50/250 | Monrovia (VOA), Liberia |
| | 50 | FEBC, Philippines |
| | 35/250 | VOA, Philippines |
| | 250 | R. Nacional da Amazônia, Brazil |
| 15450 | | USSR |
| | 500 | Tripoli/Sabrata, Libya |
| | 10/250 | Islamabad, Pakistan |
| 15455 | 100/250 | BBC, United Kingdom |
| | | USSR |
| | 100/250 | Dhaka, Bangladesh |
| 15460 | 100 | Moosbrunn, Austria |
| | | USSR |
| 15465 | | USSR |
| 15470 | | USSR |
| 15474v | 1 | R. Nacional Arcangel San Gabriel, Antarctica |
| 15475 | | USSR |
| | 100 | Abu Zaabal, Egypt |
| 15480 | | USSR |
| 15485 | | USSR |
| | 20/300 | Tel Aviv, Israel |
| | 7.5 | Wellington, New Zealand |
| 15490 | | USSR |
| 15495 | | USSR |
| | 500 | Kuwait |
| 15500 | | USSR |
| | | Beijing, China |
| | 3 | R. Dif. Nacional, Colombia (SSB) |
| 15505 | | USSR |
| | 10/250 | Islamabad, Pakistan |
| 15510 | | USSR |
| | | Beijing, China |
| 15515 | | USSR |
| | 10/250 | Islamabad, Pakistan |
| 15520 | | USSR |
| | | Beijing, China |
| 15525 | 100/350 | REE, Spain |
| | | USSR |

| kHz | kW | Stations & Countries |
|---|---|---|
| 15530 | | USSR |
| | | Kabul Relay, USSR |
| 15535 | 100/350 | REE, Spain |
| | | USSR |
| 15540 | | USSR |
| 15545 | | USSR |
| 15550 | | USSR |
| | | Beijing, China |
| 15560 | 500 | Flevo, Netherlands |
| | 300 | R. Nederland, Madagascar |
| 15565 | 10/250 | Islamabad, Pakistan |
| | 300 | R. Nederland, Bonaire, Neth. Ant. |
| 15566 | 100 | WYFR Family Radio, USA |
| 15570 | 100/500 | SRI, Switzerland |
| | 300 | R. Nederland, Madagascar |
| 15575 | 100/250 | Gimje, Korea Rep. |
| 15580 | 10/250 | Islamabad, Pakistan |
| | 50/500 | Greenville (VOA), USA |
| 15585 | 100/500 | SRI, Switzerland |
| | 20/300 | Tel Aviv, Israel |
| 15590 | 100/250 | BRT, Belgium |
| | | Beijing, China |
| 15595 | 10/250 | Islamabad, Pakistan |
| 15600 | 50/250 | Monrovia (VOA), Liberia |
| | | Beijing, China |
| 15615 | 20/300 | Tel Aviv, Israel |
| 15630 | 100 | Avlis, Greece |
| 15645 | 20/300 | Tel Aviv, Israel |
| 15670 | | Beijing, China |
| 15710 | | Beijing, China |
| 15880 | | Beijing, China |
| 16230 | 50/500 | Tirana, Albania |
| 16420 | | Time Signal St., Israel |
| 16980.4 | 15 | DAM Hamburg, Germany |
| 16984 | | EMBRATEL, Brazil |
| 17018 | 10 | Cape Town Radio, South Africa |
| 17096 | | VPS80 Timesignal St., Hong Kong |
| 17194 | | EMBRATEL, Brazil |
| 17387 | 100 | AIR Delhi, India |
| 17450 | | Beijing, China |
| 17533 | | Beijing, China |
| 17550 | 5 | LQC20 Buenos Aires, Argentina |
| 17555 | 20/300 | Tel Aviv, Israel |
| 17565 | 100 | Avlis, Greece |
| 17575 | 300 | R. Nederland, Madagascar |
| 17595 | 100/250 | BRT, Belgium |
| | 50 | Tanger (RTM), Morocco |
| 17605 | 500 | Flevo, Netherlands |
| | | Beijing, China |
| | 300 | R. Nederland, Bonaire, Neth. Ant. |
| 17610 | 100/250 | BRT, Belgium |
| 17620 | 100/500 | RFI, France |
| | 500 | Montsinery (RFI), Fr. Guiana |
| 17630 | 20/300 | Tel Aviv, Israel |
| 17640 | 10/250 | Islamabad, Pakistan |
| | 50/500 | Greenville (VOA), USA |
| 17645 | 10/250 | Islamabad, Pakistan |
| 17650 | 100/350 | REE, Spain |
| | | Beijing, China |
| 17660 | 100/350 | REE, Spain |
| | 10/250 | Islamabad, Pakistan |
| 17670 | 100 | Abu Zaabal, Egypt |
| 17675 | 250 | RTBF, Belgium |
| | 250 | Abis, Egypt |
| 17680 | 250 | RTBF, Belgium |
| | | Beijing, China |
| | 10/250 | Islamabad, Pakistan |
| 17690 | 250 | Abis, Egypt |
| 17695 | 100/250 | BBC, United Kingdom |
| 17700 | 50/500 | RBI, GDR |
| | | USSR |
| | 50/100 | R. Mediterraneé Intern., Morocco |
| | | Beijing, China |
| 17705 | 120/250 | Prague, Czechoslovakia |
| | 100/250 | BBC, United Kingdom |
| | | USSR |
| 17705 | 50/250 | Monrovia (VOA), Liberia |
| | 50 | AIR Delhi, India |
| | 50/100 | Habana, Cuba |
| 17710 | 100/500 | Sofia, Bulgaria |
| 17710 | 3/250 | Budapest, Hungary |
| | 500 | RSI, Sweden |
| | 100/250 | BBC, United Kingdom |
| | | USSR |
| | 20/300 | Tel Aviv, Israel |
| | | Beijing, China |
| | 100/250 | BBC Kranji, Singapore |
| | 7.5 | R. New Zealand |
| | 250 | VOA Relay, Brazil |
| 17715 | 100/500 | DW, Germany |
| | 50/100 | RAI Rome, Italy |
| | 100/250 | BBC, United Kingdom |
| | 100/300 | Shepparton/Carnarvon, Australia |
| | 50/500 | Greenville (VOA), USA |
| | 175/250 | Bethany (VOA), USA |
| | 250 | DW, Antigua |
| 17720 | 100/500 | RFI, France |
| | 120/250 | Bucharest, Romania |
| | 100/350 | REE, Spain |
| | | USSR |
| | | Kabul Relay, USSR |
| | 250 | Abis, Egypt |
| | 250 | Abu Ghraib, Iraq |
| | 50/350 | Riyadh/Jeddah, Saudi Arabia |
| | 10/250 | VOFC, Taiwan |
| 17725 | 20/250 | RFE/RL |
| | | Beijing, China |
| | 100 | Shepparton, Australia |
| | 100 | KTWR, Guam |
| 17730 | 120/250 | Bucharest, Romania |
| | | USSR |
| | 20/500 | Vatican Radio |
| | 50/500 | Greenville (VOA), USA |
| | 100 | WYFR Family Radio, USA |
| | 50 | WINB, USA |
| | 50/250 | Greenville (UN), USA |
| 17735 | 20/250 | RFE/RL |
| | | USSR |
| | 35/250 | VOA, Philippines |
| 17740 | 100/250 | BBC, United Kingdom |
| | | USSR |
| | 20/500 | Vatican Radio |
| | 50/250 | Monrovia (VOA), Liberia |
| | 20/250 | Limassol (BBC), Cyprus |
| | 50/350 | Riyadh/Jeddah, Saudi Arabia |
| | | Beijing, China |
| | 35/250 | VOA, Philippines |
| | 50/500 | Greenville (VOA), USA |
| 17745 | 100/500 | NRK, Norway |
| | 120/250 | Bucharest, Romania |
| | | USSR |
| | 100 | Alger, Algeria |
| | 250 | Abis, Egypt |
| | 250/500 | RSA South Africa |
| | 35/250 | VOA, Philippines |
| | 50/500 | HCJB, Ecuador |
| 17750 | 20/250 | RFE/RL |
| | 250 | Moyabi, Gabon |
| | 250 | Darwin, Australia |
| | 100 | WYFR Family Radio, USA |
| | | Habana, Cuba |
| 17755 | 50/500 | RBI, GDR |
| | | USSR |
| | 50/200 | NHK, Japan |
| | 250 | R. Nacional, Brazil |
| | 250 | R. Suriname Internationaal (via Radiobras), Brazil |
| 17760 | 20/250 | RFE/RL |
| | | USSR |
| | 100/250 | Dhaka, Bangladesh |
| 17765 | 100/500 | DW, Germany |
| | 50/500 | RBI, GDR |
| | 100/500 | SRI, Switzerland |
| | | USSR |
| | 50/250 | Delano (VOA/AFRTS), USA |
| 17765 | 10 | "R. México Internacional", México |
| 17770 | 50 | Herstedvester, Denmark |
| | 20/250 | RFE/RL |
| | 500 | Salah el Deen, Iraq |
| | | Beijing, China |

| kHz | kW | Stations & Countries |
|---|---|---|
| 17775 | | USSR |
| | 300/500 | Dubai, UAE |
| | 50/500 | Greenville (VOA), USA |
| | 100 | WRNO, USA |
| 17780 | 100/500 | DW, Germany |
| | 50/100 | RAI Rome, Italy |
| | 250 | Cyclops (DW), Malta |
| | 100/250 | BBC, United Kingdom |
| | | USSR |
| | 250 | Monrovia (VOA), Liberia |
| | 35/100 | Tangier (VOA), Morocco |
| | 25/100 | FEBA Radio, Seychelles |
| | 250/500 | RSA, South Africa |
| | 20/250 | Limassol (BBC), Cyprus |
| | 250 | AIR Aligarh, India |
| 17785 | 100/500 | Medias France Intercontinents, France |
| | | USSR |
| | 250 | Abis, Egypt |
| | 100/250 | AIR Delhi/Aligarh, India |
| | 50/250 | Ulan Bator, Mongolia |
| | 35/250 | VOA, Philippines |
| | 175/250 | Bethany (VOA), USA |
| | 100 | WYFR Family Radio, USA |
| 17790 | 120/250 | Bucharest, Romania |
| | 100/250 | BBC, United Kingdom |
| | | USSR |
| | 50/250 | Ulan Bator, Mongolia |
| | 50/500 | HCJB, Ecuador |
| 17795 | 100/500 | RFI, France |
| | 100/500 | Medias France Intercontinents, France |
| | 50/100 | RAI Rome, Italy |
| | 100/250 | SRI, Switzerland |
| | | USSR |
| | 100 | Shepparton, Australia |
| 17800 | 250 | Pori, Finland |
| | 100/500 | RFI, France |
| | 100/500 | DW, Germany |
| | 250 | Kavala (VOA), Greece |
| | 100/250 | BBC, United Kingdom |
| | | USSR |
| | 250 | Abis, Egypt |
| | 50/250 | Monrovia (VOA), Liberia |
| | 50/100 | Ikorodu, Nigeria |
| | 250 | DW Kigali, Rwanda |
| | 100 | Dhaka, Bangladesh |
| | 250 | DW, Sri Lanka |
| 17805 | 20/250 | RFE/RL |
| | 120/250 | Bucharest, Romania |
| | | USSR |
| | 100 | AIR Delhi, India |
| | 100 | WYFR Family Radio, USA |
| 17810 | 100/500 | DW, Germany |
| | 100/250 | BBC, United Kingdom |
| | | USSR |
| | 50/200 | NHK, Japan |
| | 35/250 | VOA, Philippines |
| | 250 | Carnarvon, Australia |
| | 250 | DW, Antigua |
| 17815 | | USSR |
| | 50 | Tanger (RTM), Morocco |
| | 35/100 | Tangier (VOA/UN), Morocco |
| | 20/300 | Tel Aviv, Israel |
| | 250 | DW, Sri Lanka |
| | 1 | R. Cultura, Brazil |
| 17820 | 500 | RSI, Sweden |
| | | USSR |
| | 100 | Sfax, Tunisia |
| | 250 | Abu Dhabi, UAE |
| | 10/250 | Islamabad, Pakistan |
| | 50/250 | Sackville (RCI), Canada |
| 17825 | 100/250 | BBC, United Kingdom |
| | | USSR |
| | 20/500 | Vatican Radio |
| | 20/200 | NHK, Japan |
| | 250 | DW, Sri Lanka |
| 17830 | 150/250 | SRI, Switzerland |
| | | USSR |
| | 250 | BBC/VOA, Ascension Isl. |
| | 300/500 | Dubai, UAE |
| | 100 | AIR Delhi, India |

| kHz | kW | Stations & Countries |
|---|---|---|
| 17835 | 20/250 | RFE/RL |
| | | USSR |
| | 50/500 | Greenville (VOA), USA |
| 17840 | 120/250 | Prague, Czechoslovakia |
| | 100/350 | REE, Spain |
| | | USSR |
| | 20/500 | Vatican Radio |
| | 100/250 | Dhaka, Bangladesh |
| | 10/250 | Islamabad, Pakistan |
| 17845 | 100/500 | RFI, France |
| | 100/500 | DW, Germany |
| | 100/350 | REE, Spain |
| | | USSR |
| | 20/500 | Vatican Radio |
| | 100 | WYFR Family Radio, USA |
| 17850 | 100/500 | RFI, France |
| | 120/250 | Bucharest, Romania |
| | | USSR |
| | 250 | Kuwait |
| | 35 | Ekala, Sri Lanka |
| 17855 | 250 | Kavala (VOA), Greece |
| | 100/250 | BBC, United Kingdom |
| | | USSR |
| | 35/100 | Tangier (VOA), Morocco |
| | 100/250 | Dhaka, Bangladesh |
| | 100 | AIR Delhi, India |
| 17860 | 100/500 | DW, Germany |
| | 500 | Flevo, Netherlands |
| | 500 | RSI, Sweden |
| | 100 | Daventry (RCI), United Kingdom |
| | | USSR |
| | 50/250 | Monrovia (VOA/UN), Liberia |
| | 250 | DW Kigali, Rwanda |
| | 50/500 | Greenville (VOA), USA |
| | 500 | Montsinery (RFI), Fr. Guiana |
| 17865 | 20/250 | RFE/RL |
| | 250 | Kavala (VOA), Greece |
| | 8/100 | Warsaw, Poland |
| | 100/250 | BBC, United Kingdom |
| | 20/500 | Vatican Radio |
| | 35/250 | VOA, Philippines |
| | 100 | Shepparton, Australia |
| | 25 | R. Dif. Nacional, Colombia |
| 17870 | | USSR |
| | 250 | BBC Ascension Isl. |
| | 50/250 | Monrovia (VOA), Liberia |
| 17875 | 100/500 | DW, Germany |
| | | USSR |
| | 25/100 | FEBA Radio, Seychelles |
| | 100 | AIR Delhi, India |
| | 50/250 | Sackville (RCI), Canada |
| | 7.5 | R. MEC, Brazil |
| 17880 | 50/500 | RBI, GDR |
| | 100 | RDP, Portugal |
| | | USSR |
| | 250 | BBC, Ascension Isl. |
| | 100/250 | BBC Kranji, Singapore |
| 17885 | | USSR |
| | 250 | BBC, Ascension Isl. |
| | 20/250 | Limassol (BBC), Cyprus |
| | 250/500 | Ankara, Turkey |
| | 250 | VOA Relay, Brazil |
| 17890 | 100/350 | REE, Spain |
| | | USSR |
| | 10/250 | VOFC, Taiwan |
| | 50/500 | HCJB, Ecuador |
| 17895 | 20/250 | RFE/RL |
| | 50 | Lusaka, Zambia |
| | 50/350 | Riyadh/Jeddah, Saudi Arabia |
| 17900 | | USSR |
| 17910 | 250 | Al Khaisah, Qatar |
| 17930 | 500 | Tripoli/Sabrata, Libya |
| 18080 | 100/250 | BBC, United Kingdom |
| 18782.5 | | Greenville (UN), USA (SSB) |
| 20000 | 2.5 | WWV Fort Collins, USA |
| 20060 | | Greenville (UN), USA (SSB) |
| 21450 | | USSR |
| 21455 | 20/250 | RFE/RL |
| 21460 | 250 | RTBF, Belgium |
| | | Kabul Relay, USSR |

| kHz | kW | Stations & Countries |
|---|---|---|
| 21460 | 100/250 | Dhaka, Bangladesh |
| 21465 | 250 | Pori, Finland |
| | 50/500 | RBI, GDR |
| | | USSR |
| | 250 | Abis, Egypt |
| 21470 | 100/250 | BBC, United Kingdom |
| | 250 | BBC, Ascension Isl. |
| | 175/250 | Bethany (VOA), USA |
| 21475 | 15/250 | Pori, Finland |
| | | USSR |
| | 300 | R. Nederland, Madagascar |
| | 10/250 | Islamabad, Pakistan |
| 21480 | | USSR |
| | 300 | R. Nederland, Madagascar |
| | 50/500 | HCJB, Ecuador |
| 21485 | 20/500 | Vatican Radio |
| | 300 | R. Nederland, Madagascar |
| | 10/250 | Islamabad, Pakistan |
| | 175/250 | Bethany (VOA), USA |
| 21490 | | USSR |
| | 250 | BBC/VOA, Ascension Isl. |
| 21495 | 50/350 | Ridadh/Jeddah, Saudi Arabia |
| 21500 | 100/500 | DW, Germany |
| | 250 | Wooferton (VOA), United Kingdom |
| | 50/250 | Monrovia (VOA), Liberia |
| | 250 | DW Kigali, Rwanda |
| 21505 | 120/250 | Prague, Czechoslovakia |
| | | USSR |
| 21510 | 20/250 | RFE/RL |
| | 100 | WYFR Family Radio, USA |
| 21515 | 100/500 | RFI, France |
| | | USSR |
| | 2 | FEBC Philippines |
| 21520 | 100/250 | SRI, Switzerland |
| | 250 | Wooferton (VOA), United Kingdom |
| 21525 | 3/250 | Budapest, Hungary |
| | 100 | Shepparton, Australia |
| | 50 | WYFR Family Radio, USA |
| 21530 | 20/250 | RFE/RL |
| | | USSR |
| | 250/500 | RSA, South Africa |
| | 2 | FEBC, Philippines |
| 21535 | | USSR |
| | 250/500 | RSA, South Africa |
| 21540 | 50/500 | RBI, GDR |
| | 500 | Flevo, Netherlands |
| | 100/250 | BBC, United Kingdom |
| | | USSR |
| | 35/250 | VOA, Philippines |
| 21545 | | USSR |
| | 250 | Kuwait |
| | 50/350 | Riyadh/Jeddah, Saudi Arabia |
| | 50/500 | Greenville (VOA), USA |
| 21550 | 100 | Varberg, Sweden (SSB) |
| | 100/250 | BBC, United Kingdom |
| | 500 | Moyabi (NHK), Gabon |
| 21555 | 100 | Varberg, Sweden (SSB) |
| 21560 | 100/500 | DW, Germany |
| | 50/250 | Delano (VOA), USA |
| 21565 | | USSR |
| 21570 | 250 | Kavala (VOA), Greece |
| | 100 | RDP, Portugal |
| | 100 | Delano (AFRTS), USA |
| 21575 | | USSR |
| | 500 | Moyabi (NHK), Gabon |
| 21580 | 100/500 | RFI, France |
| | 20/250 | RFE/RL |
| | 50/500 | Greenville (VOA), USA |
| 21585 | | USSR |
| | 500 | Babylon, Iraq |
| 21590 | 100/500 | DW, Germany |
| | 250 | Cyclops (DW), Malta |
| | | USSR |
| | 50/500 | Greenville (VOA), USA |
| 21595 | 100/350 | REE, Spain |
| 21600 | 100/500 | DW, Germany |
| | | USSR |
| 21605 | 300/500 | Dubai, UAE |
| 21610 | 50/100 | RAI Rome, Italy |
| | 500 | RSI, Sweden |

| kHz | kW | Stations & Countries |
|---|---|---|
| 21610 | 50/200 | NHK, Japan |
| | 50/500 | Greenville (VOA), USA |
| 21615 | 50/100 | RAI Rome, Italy |
| | 500 | RSI, Sweden |
| | | USSR |
| | 100 | WYFR Family Radio, USA |
| 21620 | 100/500 | RFI, France |
| 21625 | | USSR |
| | 20/300 | Tel Aviv, Israel |
| | 50 | Greenville (UN), USA |
| 21630 | 100/250 | BBC, United Kingdom |
| | 35/250 | VOA, Philippines |
| 21635 | | USSR |
| 21640 | 100/250 | BBC, United Kingdom |
| | 300 | R. Nederland, Madagascar |
| | 20/250 | Limassol (BBC), Cyprus |
| | 100/250 | Dhaka, Bangladesh |
| | 50/200 | NHK, Japan |
| 21645 | 100/500 | RFI, France |
| | | USSR |
| 21650 | 100/500 | DW, Germany |
| | 250 | DW Cyclops, Malta |
| | 100/250 | Dhaka, Bangladesh |
| 21655 | | USSR |
| 21660 | 250 | BBC Ascension Isl. |
| | 50/250 | Monrovia (VOA), Liberia |
| | 20/250 | Limassol (BBC), Cyprus |
| 21665 | 20/250 | RFE/RL |
| | | Budapest, Hungary |
| | 120/250 | Bucharest, Romania |
| 21670 | | USSR |
| | 100/250 | Dhaka, Bangladesh |
| | 35/250 | VOA/AFRTS, Philippines |
| | 50/500 | Greenville (VOA/UN), USA |
| 21675 | 250 | Kuwait |
| 21680 | 100/500 | DW, Germany |
| | 250 | Sines (DW), Portugal |
| | | USSR |
| 21685 | 100/500 | RFI, France |
| | 100/500 | Medias France Intercontinents, France |
| | 100/250 | Dhaka, Bangladesh |
| | 300 | R. Nederland, Bonaire, Neth. Ant. |
| 21690 | 50/100 | RAI Rome, Italy |
| | 500 | RSI, Sweden |
| | | USSR |
| 21695 | 50/100 | RAI Rome, Italy |
| | 100/250 | BBC, United Kingdom |
| | 500 | Moyabi (NHK), Gabon |
| | 300/500 | Dubai, UAE |
| | 50/250 | Sackville (RCI), Canada |
| 21700 | 100/500 | NRK, Norway |
| | 100 | RDP, Portugal |
| | 100/250 | BBC, United Kingdom |
| | 300/500 | Dubai, UAE |
| 21705 | 120/250 | Prague, Czechoslovakia |
| | 100/500 | RFI, France |
| | 100/500 | NRK, Norway |
| 21710 | 100/250 | BBC, United Kingdom |
| | 50/100 | Greenville (VOA/UN), USA |
| 21715 | | USSR |
| 21720 | 20/250 | RFE/RL |
| | 250 | Darwin, Australia |
| 21725 | | USSR |
| | 20/500 | Vatican Radio |
| 21730 | 100/500 | Medias France Intercontinents, France |
| | 100/500 | NRK, Norway |
| | 50/350 | Riyadh/Jeddah, Saudi Arabia |
| 21735 | 20/250 | RFE/RL |
| | 100/500 | NRK, Norway |
| | 100 | RDP, Portugal |
| 21740 | | USSR |
| 21745 | 20/250 | RFE/RL |
| 21750 | | USSR |
| 21765 | 10/250 | Islamabad, Pakistan |
| 21770 | 100/500 | SRI, Switzerland |
| 21810 | 100/250 | BRT, Belgium |
| 21815 | 100/250 | BRT, Belgium |
| 21840 | 50/500 | Greenville (VOA), USA |
| 22352 | | EMBRATEL, Brazil |
| 22420 | | EMBRATEL, Brazil |

# CLUBS FOR DX-ERS AND INTERNATIONAL LISTENERS

The term "DX" is simply the morse code abbreviation for "long distance". Thus the hobby of long-distance listening has traditionally been known as "DX-ing". In recent years, the flood of low cost high-technology shortwave receivers onto the market has caused big changes in the hobby, with many people being interested in the easy-to-hear international stations rather than the skills of hearing weak, low-powered signals from rare stations.

Nevertheless, many clubs remain devoted to the latter interest, while some have expanded their coverage to include both. Still others have been formed by people with little or no knowledge of the "DX" aspects of the hobby. Thus there is a club for every taste, and the active listener is encouraged to join at least one such club.

Information in the following list was mostly supplied by the clubs themselves, and the WRTH cannot accept responsibility for any changes not notified to us, or made after our deadline. As most clubs are run as non-profit organisations by volunteers, return postage in the form of International Reply Coupons (IRC's) should always be enclosed with enquiries. Wherever known, we give the correct amount of IRC's or cash to send for a sample bulletin.

The content and format of the bulletins vary widely, but most clubs supply loggings by members, station news, reports of verifications received, and often technical and background articles. Readers are advised to read a sample bulletin before deciding to join a particular club. Once a member, you are urged to actively contribute, because each club is only as good as its members make it.

**NB:** This listing does not include "Listeners' Clubs" run by radio stations, or those "clubs" which are actually part of commercial publishing operations.

**Explanation of Listings:**
**Memb:** I = International (members accepted from anywhere in the world); N = National (membership confined to one country); R = Regional (members accepted only from a specified part of one country); L = Local (members only accepted from a small local area). 1) = less than 50 members; 2) = 50-150; 3) = 150-450; 4) = 450-1000; 5) = over 1000.
**Interests:** SW/MW/LW/VHF/TV = broadcasting stations in those categories; P = programme content; T = technical subjects; U = Utility stations; A = amateur radio; PS = Public Sce Bands (No. America); C = clandestine and/or "unofficial" or "pirate" radio (definitions vary — contact club for more details).
**Abbreviations** quoted after club name are those which the club wishes to be used generally in publications etc. **Membership fees** are not given, as these change and methods of payment vary. **Pub:** Language used is **English** unless otherwise stated.
Details below are believed to be correct as of 15th October 1984.

## EUROPE

**EUROPEAN DX COUNCIL (EDXC)**
**Addr:** P.O. Box 4, St. Ives, Huntington PE17 4FE, England.
EDXC is the umbrella organisation of DX clubs in Europe. A newsletter and other publications are available, and EDXC holds an annual conference to which DX-ers and SWL's are invited. The 1985 Conference will be held in Madrid, Spain, from 24-27 May 1985. Details of EDXC's activities for 2 IRC's or return postage to the above address.

**HANDICAPPED AID PROGRAMME**
**HAP-UK:** % EDXC, P.O. Box 4, St. Ives, Huntingdon PE17 4FE, England.
**HAP-EUROPE:** P.O. Box 72, 563102 Eskilstuna, Sweden. HAP is a voluntary organisation which introduces DX-ing to handicapped persons, and helps those already in the hobby. Details available against return postage.

**AUSTRIA**
**Assoziation Junger DX-er in Österreich (ADXB-OE),** P.O. Box 11, A-1111 Wien (EDXC member. Belongs to AGDX, Germany). **Memb:** N4. **Interests:** SW/MW/LW/FM/TV/P/T/A/RTTY/SSTV — **Activities:** Issues "Weltweit Hören" (WWH) 12 times a year. Organises annual EDXC summer camp in Dobriach; "Ham Borse" offering DX material (cassettes, log books etc.). QSL Bureau. Newcomer service, Meetings in own "Clubheim".

**DENMARK**
**The Danish Shortwave Clubs International (DSWCI),** Tavleager 31, DK-2670 Greve Strand (EDXC member). **Memb:** I4. **Interests:** SW/MW/LW/C/T/U. **Pub:** "Shortwave News" monthly; Tropical Bands Survey (annual) listing all BC stations in the range 2000-5900kHz with transmission times. List of Home Sce SW st's outside the Tropical Bands.
**Dansk DX Lytter Klub (DDXLK),** P.O. Box 392, DK-8100 Aarhus C (EDXC member). **Memb:** N3. **Interests:** SW/MW/LW/FM/TV/C/P/T. **Pub:** "DX-Fokus (Alt om Radio)", monthly in Danish. **Activities:** Monthly meetings in various parts of Denmark; Monthly DX-prgrs on R. Polonia & HCJB. Various special publications. Foreigners may subscribe to DX-Fokus, but only Danes can become full members.

**FINLAND**
**Suomen DX-Liitto ry (SDXL),** PL 454, SF-00101 Helsinki 10 (EDXC member). **Memb:** I5. **Interests:** SW/MW/LW/VHF/TV. **Pub:** DX-Kuuntelija. 10 times a year in Finnish, with some Swedish/**English** content.

**European DX Council**

EDXC is the association of shortwave listeners and DXers in Europe with more than 30 member and observer clubs from all over the world.

For further information about the Council and its activities, together with a sample copy of the EDXC News Letter and subscription rates, please write, enclosing 2 IRCs in Europe or 3 IRCs in other parts of the world.

**PO Box 4 St Ives Huntingdon**
**Cambs PE17 4FE England**

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DK-2670 Greve Strand, Denmark

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**Finnish DX-Association ry,** P.O. Box 214, SF-00101 Helsinki 10. **Membership:** FDXA is the affiliate of SDXL for foreign members. Other details as for SDXL.

**Finlands Svenska DX-Forbund rf,** Postbox 9, SF-68601 Jakobstad. **Memb:** N. **Pub:** "Frekvensynytt", 10 times a year in Swedish. **Activities:** FSDXF is a coordinated organisation of Swedish-speaking DX-ers in Finland, with various associated DX clubs, namely: **Esbo DX-Klubb rf,** Upplandet 3, 02780 Esbo 78 — **Jakobstads DX-Club rf,** Box 9, 68601 Jakobstad — **Nykarleby Radio Club rf,** Bockmöllersg. 4, 66900 Nykarleby — **Västra Nylands DX-Klubb rf,** Kungsgatan 11, 10600 Ekenäs — **Åbo DX-Klubb rf,** P.B. 402, 20101 Åbo 10 — **Other member clubs:** Pentalax DX-Club, Coccola DX-Club, Ålands DX-Club, Östnylands Radio Club.

**FRANCE**

**Amitié Radio,** B.P. 56, F-94002 CRETEIL CEDEX, France. (EDXC member). **Memb:** I5. **Interests:** SW/MW/LW/TV/U/A/P/T. **Pub:** "A L'Ecoute du Monde" (bi-monthly) in French, "Radiopanorama", monthly in French with computer listing of French International prgrs. **Activities:** Weekly DX-prgr in French on HCJB, Ecuador, segments in "Sweden" Calling DXers" French version, prgrs on local FM-st's in France. **F.Pl:** Phone data services using microcomputer.

**Club Européen de DX Radio TV (CEDRT),** Campagne Laugier, Route de Grans, F-13300 Salon de Provence. **Pub:** "CEDRT Informations" in French.

**GERMANY**

**INTERESSENGEMEINSCHAFT RUNDFUNK-FERNEMPFANG (IRF)**

**Addr:** Postfach 10 13 11, D-4650, Gelsenkirchen.

IRF was founded in 1981 jointly by the ADDX & AGDX (see below).

Activities include a monthly tape for blind & visually-handicapped listeners containing excerpts from the ADDX & AGDX magazines; loan of receivers and handling of letters & reports for blind DXers; a monthly IRF propagation forecast & German/English broadcast lists, published in both magazines, on cassettes & in Braille; QSL-bureau forwarding members' reports to 56 countries at reduced price; attendance at fairs & exhibitions to promote ADDX & AGDX activities.

**ARBEITSGEMEINSCHAFT DX (AGDX)**

**Addr:** Postfach 1107, D-8520 Erlangen. (EDXC Observer). AGDX is the umbrella organisation of 12 German-speaking clubs in Germany, Austria and Switzerland. **Pub:** "Weltweit Hören", monthly in German, circulated to all members of AGDX clubs.

**Activities:** Acts on behalf of member clubs in matters of publicity, Public Relations and contact with radio stations. Newcomer-service. Others: see IRF (above).

**Member clubs of AGDX in Germany** (unless otherwise stated, these clubs cover all aspects of DX-ing & pub. in German).

**Assoziation junger DX-er e.V. (adxb-DL),** Postfach 443, D-3000 Hannover 1 (EDXC Observer). **Memb:** N4. **Pub:** "QSO", quarterly — **Interessenkreis Rundfunk International (IRI),** Sandfeldstr. 10, D-7080 Aalen 16. **Memb:** N3. **Pub:** "DX-Journal" monthly, "Es meldet sich . . . ." (programme magazine) twice yearly. Tape Circle — **Kurzwellenfreunde Rhein-Ruhr (KFWR),** Postfach 10 15 55, D-4650 Gelsenkirchen 1. (EDXC member). **Memb:** I2 (but only German-speaking, no members from Austria). **Interests:** SW/MW/LW/P/T. **Pub:** "KFWR News", bi-monthly. Tape Circle — **Kurzwellenklub Berlin e.V. (KWKB),** Fregestr. 59, D-1000 Berlin 41. **Memb:** R2. **Pub:** "INFO" 11 times a year. Tape Circle — **Kurzwellenring Süd (KWRS),** Postfach 1545, 8520 Erlangen. **Memb:** R2. **Pub:** "ntt-Nürnberger Trichter Telegraph", bi-monthly. Tape Circle — **Kurzwellenring Zentral-Westfalen e.V. (KWRZW),** Postfach 1646, 4750 Unna. **Memb:** R1. **Pub:** "KWRZW-nx", bi-monthly — **Mittelost DX-Club/Nordwest Radioclub (MODXC/NWRC),** Marienthalerstr. 165, D-2000 Hamburg 26. **Memb:** R2 — **Radio Japan Club-München (RJC-M)** c/o Horst Kessler, Feursstr. 51B, D-8037 Olching. **Memb:** R1. **Pub:** "Tomonokai", bi-monthly — **Rhein-Main Radio Club (RMRC),** Wilhelm Beer Weg 3A, D-6000 Frankfurt 70. **Memb:** R2. **Pub:** "RMRC-Aktuell', bi-monthly — **Worldwide DX Club (WWDXC),** Postfach 1214, D-6380 Bad Homburg (EDXC member). **Memb:** I4 (no members from Austria).

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**Pub:** "DX-magazine" (11 issues per year) and "DX-flash", monthly in **English** — **UKW/TV Arbeitskreis,** c/o Frank Hemboldt, St. Gotthardstr. 57, D-2800 Bremen 44. **Memb:** I1. **Pub:** "Reflexionen", 6-8 times a year (long-distance VHF/TV only).

**Assoziation Deutschsprachiger DX-er e.V. (ADDX),** P.O. Box 150124, D-4000 Düsseldorf 1 (EDXC-member). **Memb:** I5 (over 4400 members). **Interests:** SW/MW/LW/FM/TV/P/T/A. **Pub:** "Kurier", 22 issues a year in German. **Activities:** see IRF (above).
**Shortwave Listeners Club Saar (SWLCS),** P.O. Box 1170, D-6688 Illingen/Saar. **Memb:** I4. **Interests:** SW/MW/LW/FM/TV/C/P/T/U/A. Carries news of R. Japan Club, Brilon. **Pub:** DX-News, monthly in German.

**East and West Radio Club (EAWRC),** Eifelwall 46, D-5000 Köln 1. **Memb:** I2. **Interests:** SW/MW/C/P, specializing in st's of the Arab world. **Pub:** "Bulletin", monthly in German.
**Esperanto DX Club,** c/o Günter Conrad, Kafkastrasse 48/5M, D-8000 München 83. **Memb:** I1. **Interests:** International prgrs. in Esperanto. **Pub:** DX-Informilio, twice a year in German/Esperanto/English/Spanish. **Activities:** Tape cassette exchanges. Info for 1 IRC.

**International Club for DXing and Communication (ICDXC),** Altenberger Str. 31, D-5216 Niederkassel 3 (EDXC member). **Memb:** I1. **Interests:** SW/T/U/A. **Pub:** ICDXC Magazin, 4 times a year in German. **Activities:** Background articles on DX-ing (no loggings). Local meetings and excursions and exhibitions.

**Kurzwellenfreunde Bremen (KWFB),** Rockwinkler Heerstr. 59, 2800 Bremen 33. **Memb:** L1. **Interests:** SW/MW/VHF/TV/T/U/A/C. **Pub:** QST, bi-monthly in German. **Activities:** Local meetings (open to non-members), DX library.
**Kurzwellenfreunde Wuppertal (KWFW),** Postfach 22 03 42, D-5600 Wuppertal 22. **Memb:** L2. **Interests:** all aspects, especially pirate radio. **Pub:** Pirate-Info-News, bi-monthly in German. **Activities:** Meetings, excursions, exhibitions, certificates. KWFW is a local group open to all DXers.

**DX-Listeners Service,** c/o Bernd Friedewald, D-3588 Homberg. **Memb:** I5. **Interests:** English/German prgrs on LW/MW/SW. **Pub:** International Listening Guide (English), Hoerübersicht International (German), both 4 times a year. Samples for 2 IRC's.

**Köln-Düsseldorfer Kurzwellenhörer Club (KDKC),** P.O. Box 450 663, D-5000 Köln 41. **Memb:** I3. **Interests:** C/U/RTTY. **Pub:** "DX-Special", 11 issues a year in German.
**Mittelwellen Spezial Club (MWSC),** Postfach 45 07 67, D-5000 Köln 41. (EDXC Observer). **Memb:** I3. **Interests:** MW/LW/P/T. **Pub:** "SKALA", 11 times a year in German. **Activities:** Stickers, stamps and diplomas available.
**Vereinigung Berliner Empfangsamateure,** Denkstrasse 2, D-1000 Berlin 41. **Pub:** "Die Wellenjagd" monthly in German.


Die Kurzwellenhörer
Arbeitsgemeinschaft DX e.V.

Die Arbeitsgemeinschaft DX e.V. ist der Zusammenschluß von zwölf Kurzwellenhörer-Klubs im deutschsprachigen Europa. Die Mitgliedschaft in einem der AGDX-Klubs garantiert außer der Betreuung durch den Klub auch Zugang zu allen Gemeinschaftsleistungen der Arbeitsgemeinschaft und der Interessengemeinschaft Rundfunk-Fernempfang.

Im Mitgliedsbeitrag aller AGDX-Klubs ist der Bezugspreis für die Fachzeitschrift für Rundfunk-Fernempfang, „weltweit hören", enthalten.

Auskunft über die Klubs der AGDX, deren Leistungen und die Höhe der Mitgliedsbeiträge sowie ein Probeheft „weltweit hören" erhalten Sie gegen Einsendung von 2,— DM in Briefmarken oder 2 IRC.

AGDX e.V.
Abt. 85
Postfach 1107
D-8520 Erlangen


**GREECE**
**Greek DX Club,** c/o K. Dritsas, P.O. Box 857, Centra, Thessaloniki. (EDXC Observer). **Interests:** SW/MW/T. **Pub:** "Distant X", monthly in Greek (also summaries in **English**). Sample copy for 3 IRCs.
**Hellas Radio Club,** P.O. Box 21, Argyroupoli, Athens. (No information received during 1984).

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Wir sind Europas größte Vereinigung der Freunde des Rundfunkfernempfanges und möchten uns bekanntmachen:

- Zweimal im Monat erscheint der KURIER, unsere Hobbyfachzeitschrift „von Mitgliedern – für Mitglieder", die über alle Aspekte des Rundfunkfernempfanges berichtet.
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- Unser Mitarbeiter-Team beantwortet Ihre Fragen, hilft Ihnen beim Einstieg in's Kurzwellenhobby, macht eigene kleine Rundfunkprogramme und freut sich über jedes neue Mitglied.
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**ITALY**

**ASSOCIAZIONE ITALIANA RADIOASCOLTO (AIR)**
**ADDR:** Casella Postale 30, Succ. 30, 50141 Firenze. (EDXC Observer). **Ext. Rel:** L. Cobisi, Via Frusa 39/L, I-50131 Firenze 30. **Memb:** I4. **Interests:** SW/MW/LW/P/T/U/A/C. **Pub:** "Onde Radio" monthly in Italian. **Activities:** AIR serves individual listeners with technical assistance, contests, legal affairs etc. Local and national meetings periodically.

**Play-DX,** c/o Dario Monferini, Via Davanzati 8, 20158 Milano (EDXC member). **Memb:** I2. **Interests:** SW/MW/LW/VHF/C/U. **Pub:** "Play-DX" in Italian, 42 issues a year (weekly Sept-June). **Activities:** Edits "Guida Radio TV" listing Italian private st's.

**Gruppo di Ascolto di Torino (GAT),** c/o Riccardo Novarino, C.P. 108, 10024 Monalieri (TO). **Memb:** I1. **Interests:** SW/MW/LW/C/P/T/U. **Pub:** Gatflash, 7-8 issues a year in Italian. **Activities:** monthly meetings.

**Gruppo Ascolto Radio dello Stretto (GARS),** c/o Giovanni Sergi, Via Crotone 33, I-98010 Camaro Inferiore - ME. **Memb:** N1. **Interests:** SW/MW/LW/P/T/U. **Pub:** "GARS-Radio Notizie" monthly in Italian. **Activities:** Local meetings, DX-prgr in Italian on R. Portugal (1st Fri).

**Roma DX Club (RDXC),** c/o Sergio Roca, piazza Regina Margherita 19, I-00198 Roma. **Memb:** I2. **Interests:** SW/MW/LW/VHF/TV/A/C/P/T. **Pub:** "RDXC Informazioni", irr. in Italian. Annual list of broadcasts in Italian (Dec.). 1 or 2 booklets each year on specific topics. Report forms & cassettes. Produces DX-prgr for Italian language radio st's. DX-prgr via R. Portugal 3rd Fri of month at 2145.

**Gruppo d'Ascolto Marca Trevigiana,** C.P. 3-Succ. 10, 31100 Treviso. **Memb:** N1. **Interests:** SW/MW/LW/VHF/U + Computers. **Pub:** "DX's Connection", monthly in Italian. **Activities:** DX-Prgr on R. Portugal, DXpeditions, meetings, special publications.

**Italian DX-Club–Club Italiano di Radioascolto (IDXC),** Casella Postale 489, 80100 Napoli Centro. **Memb:** I2. **Interests:** SW/MW/LW/VHF/TV/P/T/U/C. **Pub:** Italian DX News, monthly in Italian; "Lista Programmi in Italiano", annually. **Activities:** DX-Prgr on DLF (1st Mon), R. Portugal (2nd Fri).

**NETHERLANDS**

**Benelux DX Club (BDXC),** Postbus 150, 5270 AD Sint-Michielsgestel. (EDXC member). **Memb:** I5. **Interests:** SW/MW/LW/VHF/TV/T/U/C. **Pub:** BDXC Bulletin, monthly in Dutch/**English.**

**NORWAY**

**DX Listeners' Club (DXLC),** P.O. Box 1969, Vika, N-0125 Oslo 1. (EDXC member). **Memb:** I3. **Interests:** SW/MW/LW/VHF/TV/C/P/T. **Pub:** "DX-News", 10 issues a year in Norwegian.

**SPAIN**

**Asociacion DX Barcelona (ADXB),** Apartado 335, 08080 Barcelona (EDXC Observer). **Memb:** I3. **Interests:** SW/MW/LW/VHF/TV/U/A. **Pub:** "Mundo DX", monthly in Spanish.

**Grupo de Escucha del Centro de España (GECE),** P.O. Box 4031, Madrid (EDXC member). **Memb:** I3. **Interests:** SW/MW/LW/VHF/TV/P/T/U/A. **Pub:** "MadriDX", monthly in Spanish. **Activities:** Weekly DX-prgr. on R. Korea. DX school, broadcasts in Spanish.

**Muy Alta Frecuencia (MAF),** c/o José Raul Laborda, P.O. Box 38015, 08080 Barcelona (EDXC Observer). **Memb:** I2. **Interests:** VHF/TV/P/T/C. **Pub:** "MAF", 60 pages bi-monthly in Spanish. Extra edition in spring with list of FM/TV st's in Spain. **Activities:** Exchange cassettes, videotapes, stickers.

**SWEDEN**

**SVERIGES DX-FÖRBUND (SDXF)**
**Addr:** Box 3108, 103 62 Stockholm 3 (EDXC member). **Memb:** N5. **Interests:** SW/MW/LW/VHF/TV/C/P/T. **Pub:** Eter-Aktuellt, 10 issues per year in Swedish. (any foreign DX-er may subscribe). **Activities:** SDXC is the umbrella organisation of 32 Swedish DX Clubs and individual members totalling approx. 1400. The addresses of SDXF member clubs are as follows — DX-Klubben de Radioaktiva, Gevärsgatan 46, 262 00 Ängelholm — Delsbo Radioklubb, c/o Andersson, Ringvägen 31, 820 60 Delsbo — DX Club Audioteurerna, c/o Webrant, Toftgatan 6, 234 00 Lomma — DX Club kiloHertz, Box 88, 693 01 Degerfors — Mälardalens Radiosällskap, Konsolvägen 3, 123 58 Farsta — Prihögs DX-Club, Box 101, 263 00 Höganäs — Radioklubben Tellus, Box 220, 431 23 Mölndal — Skalans DX-klubb, Saimagården, Saimagatan 57, 163 23 Spånga — Stora Tuna DX-klubb, c/o Johansson, Byängesvägen 21, 781 23 Borlänge — Svalans DX-Club, Box 8022, 250 08 Helsingborg — Tibro DX-klubb, c/o Sahlén, Brittgärden 235, 543 00 Tibro — Trollhättans DX-Club, Box 5037, 461 05 Trollhättan — Umeå Kortvågsklubb, Box 117, 901 83 Umeå — Västsvenska DX-sällskapet, Box 151, 423 01 Torslanda — Örebro Kortvågsklubb, c/o Fagerberg, Smedjebackevägen 6, 703 75 Örebro — DX-Club Lundensis, c/o Rydgren, Kämpagränd 19A, 3 tr, 223 76 Lund — DX-Klubben KMB, Box 32, 265 01 Åstorp — Falköpings Radioklubb, Box 686, 52101 Falköping — Frövi Radioklubb, c/o Andersson, Väringgatan 5C, 710 40 Frövi — Grängesbergs Radioklubb, c/o Karlsson, Sandudden 6362, 772 00 Grängesberg — Halmstads Kortvågsklubb, Box 15, 301 02 Halmstad — Korsbacka DX-Klubb, Sunnanväg 2, 244 00 Kävlinge — Luleå Utlandslyssnares Förening, c/o Eriksson, Mjölkuddsvägen 203, 951 57 Luleå — Malmö Kortvågsklubb, Box 32001, 200 64 Malmö — Murgrönans DX-klubb, c/o Olsson, Krohns väg 8, 621 48 Visby — Östra Aros DX-Sällskap, c/o Olde, Rälsvägen 14, 75252 Uppsala — DX-LuFFarna, c/o Jussila, Tunastigen 16, 951 58 Luleå — DX-Maffian, Box 10315, 434 01 Kungsbacka — Nybro Körtvägsklubb, s:t Sigfridsvagen 60, 38200 Nybro — Prilam, DX-sektionen, Box 4008, 350 04 Växjö — Volvo DX-klubb, c/o Friberg, AB Volvo, Avd 6550-HD3S, 405 08 GBG.

**Other Clubs:**

**Arctic Radio Club (ARC),** Box 5050, 350 05 Váxjö. **Memb:** I2. **Interests:** MW/LW/P/T. **Pub:** MV-Eko, 24 issues a year in Swedish/**English. Activities:** ARC members compile the LW/MW frequency lists for the WRTH.

**Sveriges Radioklubb (SRK),** Box 5083, 102 43 Stockholm (EDXC observer) **Memb:** I4. **Interests:** SW/MW/LW/P/T. **Pub:** DX-Radio, 11 issues per year in Swedish. **Activities:** Publishes annual QSL statistics based on data in Nordic DX magazines.

**SWITZERLAND**

**Radio- und Fernsehclub Basel und Umgebung (RFCB),** Postfach 149, CH-4016 Basel. **Memb:** N2. **Activities:** Member of AGDX, Germany. Issues "Weltweit Hören" monthly. Local meetings, excursions, infoblatt.

**Shortwave Listeners' Club Switzerland (SLCS),** P.O. Box 230, CH-8957 Spreitenbach. **Pub:** "Kurzwellen Telex" in German.

**Amitié Radio,** C.P. 20, CH-1700 Fribourg 7 (see main listing under "France").

**UNITED KINGDOM**

**British DX Club (BDXC-UK),** 55 Boundary Road, Worthing, Sussex BN11 4LL. (EDXC member). **Memb:** I3. **Interests:** SW/MW/LW/VHF/TV/C/T. **Pub:** "Communication", monthly. Special publications from time to time. Local meetings.

**DX Association of Great Britain (DXAGB),** Five Acres, Whiteditch Lane, Newport, Saffron Walden, Essex CB11 3UD. (EDXC member). **Memb:** I2. **Interests:** SW/MW/LW/TV/C/P. **Pub:** "DXAGB News" monthly.

**International SW League (ISWL),** 88 The Barley Lea, Coventry CY3 1DY. **Memb:** I4. **Interests:** SW/VHF/T/A. **Pub:** "Monitor", monthly.

**Medium Wave Circle:** Status of club uncertain at time of editing due to death of club co-ordinator.

**World DX Club (WDXC),** 17 Motspur Drive, Northampton NN2 6LY (EDXC member). **Memb:** I3. **Interests:** SW/MW/LW/VHF/TV/C/P/T/A. **Pub:** "Contact", monthly, samples 40p (2 IRC's).

## AFRICA

**NIGERIA**

**Africa DX Association,** Block "A" Room 610-US, School of Telecommunications, P.M.B. 3198, Kano. **Memb:** I2. **Interests:** SW/MW/U. **Pub:** "DX Afrik", bi-monthly (sample 3 IRC's).

**SOUTH AFRICA (Rep.)**

**South African DX Club (SADXC),** P.O. Box 96148, Brixton 2019 (EDXC observer). **Memb:** I2. **Interests:** SW/MW/LW/T/U. **Pub:** South African Shortwave Listener, monthly.

## ASIA

**BANGLADESH**

No details received during 1984, but the following may still be in existence: Federation of International Radio Club Bangladesh, GPO Box 2174, Dhaka-2 — International Radio Group, Mirpur 6A, 3L48 Dhaka 16 — Pan-Asia DX Club International, P.O. Chandana, Dhaka.

**INDIA**

**HAP-INDIA**

**Addr:** Mr. R. Shreedar, D-112E Sangeetha Colony, Anna Main Rd, K.K. Nagar, Madras 600078. **Purpose:** see HAP-Australia.

**Indian DX Club International (IDXCI),** GPO Box 646, Calcutta 700 001. (affiliate of ANARC, USA). **Memb:** I3. **Interests:** all categories. **Pub:** Asian DX Review (monthly). Sample copy 4 IRC's.

**Southern Asia Radio Club (SARC),** 1 Palit Niketan, Govind Mitra Rd, Patna 800 004 (Bihar). No information received in 1984.

**Youth Radio Club,** K-95, Badhwar Park, Colaba, Bombay-40005. **Memb:** I2. **Interests:** SW/MW/TV/P/T. **Pub:** Newsletter 4 times a year, DX Times 6 times a year, other pub's irr. (details for 3 IRC's, samples 4 IRC's).

**JAPAN**

**Japanese Association of DX-ers (JADX),** P.O. Box 1766, Tokyo Central 100-91. **Memb:** I1. **Interests:** SW/MW/LW/VHF/TV/C/T/U/. **Pub:** JADX news sheet, 24 issues a year in **English**/Japanese.

**Asian Broadcasting Institute (ABI),** C.P.O. Box 1334, Tokyo 100-91. **Memb:** I1. **Interests:** SW/MW/LW/VHF/TV/C/P. **Pub:** "Monthly Reports of the Asian Broadcasting Institute" in Japanese + Asian languages. "Japanese DX News File" in **English,** with news from 7 main Japanese DX Clubs. **Activities:** Specialises in broadcasting from East Asia. Issues cassettes and other material.

**Far East Radio Club (FERC),** P.O. Box 110, Showa-ku, Nagoya 466-91. **Memb:** I2. **Interests:** MW only. **Pub:** "Log" monthly in **English**/Japanese (English used for all reports and news).

**Japan BCL Federation,** 4F, Matsuokakudan Bldg, 2-8 Kudanminami 2-chome, Chiyoda-ku, Tokyo 102 (No further details received).

**Japan Short Wave Club (JSWC),** P.O. Box 1665, C.P.O. Tokyo. **Memb:** I5. **Interests:** SW/MW/LW/VHF/TV/C/P/T. **Pub:** Shortwave DX Guide, monthly in Japanese with some **English.** **Activities:** JSWC, with about 7,500 members, is Japan's oldest SW club.

**Indonesian DX Circle (IDXC),** c/o Atsunori Ishida, 30-4, Gen'emon-Shinden, Ueda, Tempaku-ku, Nagoya 468. **Memb:** I1. **Interests:** SW/MW/LW/P. **Pub:** Indonesian DX Review, 10 or 12 issues a year. **Activities:** Specialises in Indonesian DX.

**Nagoya DX-ers Circle (NDXC),** c/o Seiichi Hasegawa, 420 Shimacho, Inazawa 492. **Memb:** R2. **Interests:** SW/MW/LW/VHF/TV/P/T. **Pub:** NDXC Newsletter & NDXC Meeting Report, each 12 issues a year in **English**/Japanese. **Activities:** NDXC is not a club, but a joint meeting of members of various Japanese clubs. The bulletins contain news exchanges by the members, often "hot tips".

**Indoshinan Radio DX Circle,** c/o Hiroyuki Komatsuraba, 8-2 Sannai Aza Nozaki, Kawabe-machi, Kawabe-gun, Akita 019-27.

**USSR DXing News,** c/o Kenji Takasaki, 2-16-4, Nishimikuni, Yodogawa-ku, Osaka-shi 532.

**Radio Nuevo Mundo (RNM),** c/o Tetsuya Hirahara, 5-6-6, Nukuikita, Koganei-shi, Tokyo-to 184. **Memb:** N1 (with some correspondents overseas). **Interests:** SW/MW/C/P. **Activities:** Specialises in Latin American DXing. Provides news for R. Japan DX Corner. **Pub:** "Radio Nuevo Mundo" (monthly).

**URS Club (URSC),** P.O. Box 14, Gifu-kita 502. **Pub:** "Orbita". **Activities:** Specialises in DX-ing USSR st's.

**SRI LANKA**

**Union of Asian DX-ers (UADX),** 32/4A Malwatte Rd., Dehiwala, Sri Lanka. **Memb:** I2. **Interests:** SW/MW/LW/P/TV/C. **Pub:** "UADX", up to 12 issues a year. **Activities:** specialises in tropical bands with emphasis on Asian, clandestines and regional st's. Issues annual "Afro Asian Pacific" tropical band survey and twice yearly list of English broadcasts to Asia.

## PACIFIC

**SOUTH PACIFIC ASSOCIATION OF RADIO CLUBS (SPARC)**

**Addr:** Box 1313 Invercargill, New Zealand.

SPARC is the umbrella organisation for most clubs in the South Pacific area. SPARC publishes a Newsletter, promotes DX-ing and supports the Handicapped Aid Program.

**AUSTRALIA**

**HAP-AUSTRALIA**

**Addr:** 5 Helen Str, Launceston, Tas 7250.

**Purpose:** Dedicated to introducing the Disabled to the fascinating World of Shortwave Listening.

**Australian Radio DX Club (ARDXC),** Box 227, Box Hill, Vic. 3128 (EDXC Observer). **Memb:** I4. **Interests:** SW/MW/LW/VHF/TV/P/T/U/A. **Pub:** Australian DX News, monthly. **Activities:** Provides material for 2 comm. magazines, DX-prgrs on R. Australia, KTWR Guam & HCJB, Ecuador. Numerous special publications. Local branches hold monthly meetings in State Capitals.

**DX Australia (DXA),** P.O. Box 285, Mt. Waverley, Vic 3149 (SPARC member). **Memb:** I2. **Interests:** All categories. **Pub:** DXers Calling, monthly.

**Southern Cross DX Club Incorporated (SDC),** G.P.O. Box 1487, Adelaide, SA 5001. (ANARC/EDXC observer). Founder member of SPARC. **Memb:** I3. **Interests:** SW/MW/LW/P/T/U/A. **Pub:** DX Post, Monthly (sample 3 IRC's). **Activities:** list of English SW st's audible in Australia updated in June & December. Regular local meetings in 6 cities. Weekly DX-prgr on 4VL.

**NEW ZEALAND**

**New Zealand Radio DX League (NZRDXL),** P.O. Box 1313, Invercargill (ANARC/EDXC associate). Founder member of SPARC. **Memb:** I4. **Interests:** SW/MW/LW/VHF/TV/P/T (Specialising in South Pacific News). **Pub:** New Zealand DX Times, monthly. **Activities:** Local branches. Overseas enquiries must enclose 4 IRC's.

**New Zealand DX Radio Association Inc. (NZDXRA),** 40 Craigleith St, N.E. Valley, Dunedin. (Founder member of SPARC). **Memb:** I2. **Interests:** SW/MW/P/U/A. **Pub:** Tune-in, 11 issues a year. Send 5 IRC's with enquiries.

## NORTH AMERICA

**ASSOCIATION OF NORTH AMERICAN RADIO CLUBS (ANARC)**

**Addr:** 1500 Bunbury Drive, Whittier, CA 90601.

ANARC is the umbrella organisation of most North American DX Clubs. It publishes a monthly newsletter and organises an annual convention. For more details, see the advertisement in this Handbook.

**HANDICAPPED AID PROGRAM (HAP)**

**HAP-USA:** 2105 N. Illinois, Arlington, VA 22205.

**CHAP:** P.O. Box 1143, Pointe Claire, PQ H9S 4H9, Canada.

**CANADA**

**Canadian International DX Club (CIDX),** 6815 12th Avenue, Edmonton, Alberta T6X 3J6. (ANARC member). **Memb:** I3. **Interests:** SW/MW/LW/VHF/TV/P/T/U/A. **Pub:** CIDX Messenger, monthly (sample 4 IRC's).

**Ontario DX Association (ODXA),** P.O. Box 232, Station Z, Toronto, ON M5N 2Z5. (ANARC member). **Memb:** R3. **Interests:** SW/MW/P/T. **Pub:** "DX-Ontario", monthly. **NB:** Non-residents of Ontario may subscribe to the bulletin. Sample $1.50 Canadian or US$1.00 worldwide.

**Okanagan DX-SWL Club,** Box 211, Keremeos, BC V0X 1N0. **Memb:** R1. **Interests:** SW/MW/P/A/C. **Pub:** irr. Newsletter. **Activities:** antenna experiments, active monitoring, irr. meetings.

**Club Ondes Courtes du Quebec (COCQ),** Case Postale 37, Succursale Youville, Montreal, P.Q. H2P 2V2 (ANARC member). **Memb:** I3. **Interests:** SW/MW/P/T/U/A. **Pub:** "L'Onde", monthly in French. (sample for 5 IRC's). **Activities:** Computer listings, members services, regular lists of French prgrs on SW, monthly DX-prgr on R. Portugal. The only French-speaking DX Club in No. America.

**UNITED STATES OF AMERICA**

**American Short Wave Listeners Club (ASWLC),** 16182 Ballad Lane, Huntington Beach, CA 92649. (ANARC member). **Memb:** I5. **Interests:** SW/MW/U. **Pub:** "SWL", monthly (sample 8 IRC's).

**Association of Clandestine Enthusiasts (A*C*E),** P.O. Box 452, Dept. WR, Moorhead, MN 56560. **Memb:** I2. **Interests:** Clandestine and "spy"/numbers st's on all bands + T. **Pub:** "The Ace", monthly. (sample $1)

**Association of DX Reporters (ADXR),** 7008 Plymouth Rd, Baltimore, MD 21208. (ANARC probationary member). **Memb:** I2. **Interests:** SW/MW/LW/VHF/TV/T/U/A. **Pub:** "DX Reporter", monthly.

**Central Maryland DX Association,** 726 So. Clinton Str, Baltimore, MD 21224. **Memb:** L1. **Interests:** SW/MW/LW/FM/TV. **Pub:** monthly bulletin. **Activities:** Monthly meetings, open to nonmembers.

**DX South Florida (DXSF),** 3156 NW 39th Str, Ft. Lauderdale, FL 33309. **Memb:** R. **Interests:** SW/MW/U. **Pub:** Regular bulletin for experienced DXers (sample 3 IRC's).

**Great Circle SW Society (GCSS),** P.O. Box 874, Kankakee, Ill 60901. **Memb:** I2. **Interests:** SW/MW/LW/U/T/A & radio nostalgia from 40's and 50's. Serves as fraternity for "WPE" callsign holders. (Bulletin/information 25¢ or 1 IRC).

**International Radio Club of America (IRCA),** P.O. Box 26254, San Francisco, CA 94126 (ANARC member). **Interests:** MW only. **Pub:** DX-Monitor, 34 issues a year (sample 3 IRC's).

**Longwave Club of America (LWCA),** 45 Wildflower Rd, Levittown, PA 19057 (ANARC member). **Memb:** I4. **Interests:** LW only. **Pub:** "The Lowdown", monthly (sample 5 IRC's). **Activities:** Also covers 1750 meter operations, only legal in USA.

**Miami Valley DX Club (MVDXC),** 4666 Larkhall Lane, Columbus, OH 43229 (ANARC member). **Memb:** I3. **Interests:** SW/MW/LW/VHF/TV/P/T/U. **Pub:** DX World, monthly (sample $1 in USA, 6 IRC's elsewhere).

**National Radio Club (NRC),** P.O. Box 118, Poquonock, CT 06064. (ANARC member). **Memb:** I4. **Interests:** MW/P/T. **Pub:** DX News, 30 issues a year (sample 3 IRC's).

**North American Shortwave Association (NASWA),** 45 Wildflower Rd, Levittown, PA 19057. (ANARC member). **Memb:** I5. **Interests:** SW only. **Pub:** FRENDX, monthly (sample US$1.00 in USA, US$2.00 or 4 IRC's elsewhere).

**Ozark Mountain DX Club,** Rt. 1, Box 437, Berryville, AR 72616. **Memb:** I1. **Interests:** SW, with emphasis on rare and difficult DX. **Pub:** DX Log, twice monthly. Sample copy free.

**Radio Communications Monitoring Association (RCMA),** P.O. Box 542, Silverado, CA 92676. (ANARC member). **Memb:** I5. **Interests:** VHF/UHF Public Sce/T/U (not broadcasting). **Pub:** "RCMA Newsletter", monthly (sample 6 IRC's).

**Southern California Area DX-ers (SCADS),** 3809 Rose Avenue, Long Beach, CA 90807. **Memb:** R. **Pub:** monthly newsletter. **Activities:** meetings in Feb/June/Oct for SWL's in California.

**SPEEDX,** 7738 East Hampton Str, Tucson, AZ 85715 (ANARC member). **Memb:** I5. **Interests:** SW/P/T/U. **Pub:** "SPEEDX", monthly, Sample copy 8 IRC's or U.S. $1.00. Info for return postage.

**Washington Area DX Association (WADXA),** 606 Forest Glen Rd, Silver Spring, MD 20901. (ANARC associate). **Memb:** R1. **Interests:** SW/MW/U. **Pub:** "WADXA News", quarterly. **Activities:** Meetings about 4 times a year. Membership restricted to Maryland, Virginia and Washington, DC.

**Worldwide TV-FM DX Association (WTFDA),** P.O. Box 514, Buffalo, NY 14205. **Interests:** VHF/UHF/TV. **Pub:** VHF/UHF Digest, monthly (sample 6 IRC's).

**Minnesota DX Club (MDXC),** 5212 Drew Ave. South, Minneapolis, MN 55410. **Memb:** L. **Interests:** SW/MW/U. **Pub:** Newsletter for members only. **Activities:** Regular meetings.

## CENTRAL AMERICA & CARIBBEAN

### BARBADOS

**Caribbean SW Listeners Club,** Apt. 8, "El Dorado", Black Rock, St. Michael. **Memb:** R. **Pub:** Bi-monthly newsletter planned. **Interests:** Social.

### DOMINICAN REPUBLIC

**Radio Club DX International,** P.O. Box 1191, Santiago. No details received during 1984.

### MARTINIQUE

**Amitié Radio,** c/o R. Charlery-Adèle, Voie No. 1. Route de Didier, 97200 Fort de France (see main entry under "France").

## SOUTH AMERICA

### ARGENTINA

**Asociacion DX del Litoral/Asociacion DX Latinoamericana (ADXL),** P.O. Box 26, Villa Diego, 2124 Santa Fe. **Memb:** I3. **Interests:** SW/MW/VHF/TV/T/U. **Pub:** "Latinoamerica DX", monthly in Spanish (sample copy US$ 1.70 or 7 IRC's); "Latin American DX Report", bi-monthly for English-speaking DXers (sample copy US$1.00 or 5 IRC's). Cassettes with ID's, jingles and slogans of Latin American and worlwide radio stations.

**Grupo DX Suquia (GDXS),** P.O. Box 616, 5000 Córdoba. **Pub:** "Circular DX", quarterly in Spanish.

**Club Sistema DX Argentina (CSDXA),** P.O. Box 45, 2128 Arroyo Seco. **Pub:** "Sistema DX", monthly in Spanish.

**Grupo de Escucha DX Lomas (GEDXL),** P.O. Box 91, 1832 Lomas de Zamora. **Pub:** "La Antena Loca DX", monthly in Spanish.

**San Nicolas DX Club (SNDXC),** Lamadrid 73, 2900 San Nicolas. **Pub:** "Propagación DX", monthly in Spanish.

**Grupo de Escucha Buenos Aires (GEBA),** P.O. Box 41, 1416 Buenos Aires. **Pub:** "DX al Dia", monthly in Spanish.

**La Peña Diexista Argentina (LPDXA),** P.O. Box 157, 5700 San Luis. **Pub:** "Inti Huasi", irr. in Spanish.

### BOLIVIA

**Bolivia DX Club,** Casilla 2043, Cochabamba. **Interests:** SW/MW. **Activities:** DX-Prgr. on R. Nacional, Cochabamba.

### CHILE

**Departamento de Radioescuchas (DRE),** c/o Carlos Toledo Verdugo, Carlos Gautier Lizana, P.O. Box 166, San Fernando. **Memb:** N2. **Interests:** SW/MW/VHF/A/T/U. **Activities:** Produces "Manual de Radioescucha" in Spanish. English/Spanish reception report forms and QSL-cards to amateur st's. (**NB:** DRE is the SWL department of FEDERACHI, the national amateur radio clubs organisation).

### URUGUAY

**Grupo DX del Uruguay (GDXU),** P.O. Box 966, Montevideo. No details received during 1984.

### VENEZUELA

**Club DXistas de la Amistad (CDXA),** Calle 4 No. 82, Cafinca II, Barinas 5201. (No details received during 1984).


ASSOCIATION OF NORTH AMERICAN RADIO CLUBS ANARC

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ANARC Newsletter — Sample copy: 60¢ & SASE in NA or 4 IRCs

# PROGRAMMES FOR DX-ERS AND SHORTWAVE ENTHUSIASTS

Many international stations have regular prgrs for those interested in various aspects of radio listening, and associated activities. The majority of these prgrs still concentrate on international SW broadcasting, but there are also those which concentrate exclusively on technical subjects, advanced DXing or amateur radio. A growing number of st's have followed the lead set by R. Netherlands' Media Network prgr, and widened their coverage to include other branches of the electronic media, and more recently the applications of home computers to the radio hobby.

Many st's give "DX tips" which can vary from excellent up-to-the-minute items by such as Media Network, AWR Europe, Radio Canada International and ORF's German sce, to out-of-date and often inaccurate quotes from old club bulletins by some less resourceful broadcasters. The WRTH recommends readers to try the different prgrs on offer and decide which are of most relevance to their own personal interests.

**ARGENTINA: RAE: English:** Wed 1740; Thurs 0140. **French:** Thurs 2040. **German:** Tues 1940. **Spanish:** Tues 0420, Wed 0140, Thurs 2220. **Portuguese:** Mon 0040. **Italian:** Fri 2120. **Japanese:** Sat 1040. **Arabic:** Mon 1940 (DX-Editor for all languages: Gabriel Ivan Barrera).

**AUSTRALIA: R. Australia: Japanese:** "DX Time": Sun 1042. **English:** "Talkback": Sat 1610; Sun 0530, 0810, 1210, 2110. **French:** Sun 0000, 0500.

**AUSTRIA: ORF: English:** "Shortwave Panorama": Sun 0900, 1030, 1230, 1330, 1500, 1805; Mon 0430. **German:** "Kurzwellen Panorama": Sat 1330, Mon 1930. "DX-Telegramm": Sun 0925, 1720. **French:** "DX-d'Autrich": 1st and 3rd Fri 2030; 1st & 3rd Sat 0100, 0800. **Spanish:** "Boletin DX": Wed 1300, 2000, 2300; Thurs 0100, 0300.

**BANGLADESH: English:** 4th Fri of Month in GOS at 1815.

**BELGIUM: English:** Sun 1910, 2200; Mon 0030; Wed 1915, 2200; Thurs 0030. **French:** Fri 1730, Sun 1230. **Spanish:** Sun 2000, Mon 0000.

**BOLIVIA: R. Nacional, Cochabamba: Spanish:** "Sintonía DX": Sat 1000, Sun 2330 (produced by Bolivia DX Club).

**BULGARIA: R. Sofia: English:** Mon 0001, 0400; Wed 0400, 2230; Thurs 0001; Fri 2130; Sat 0001, 0730; Sun 2230. **German:** 1st and 3rd Sun 2040, Wed 0630. **Italian:** 1st and 3rd Mon 1900, 2200.

**CANADA: R. Canada Int: English:** "Shortwave Listeners' Digest": Sat 2130; Sun 1940 (Europe), 2330; Mon 0300, Tues 1830. (**NB:** the European version is shorter). **French:** Sun 1900, 2000, 2200; Mon 0030, 0230.

**CZECHOSLOVAKIA: R. Prague: English:** Wed 2000, 2130. To No. America: Fri 0100, 0300. **French:** 1st Sun 1830, 2030; 1st Wed 0600. **Spanish:** 1st Sun/Mon (for Latin America) 2300, 0200. **Portuguese:** 1st Sun 2230, 2400. **German:** Sun 1700, Mon 2100. **Italian:** Mon 1930, 2200.

**ECUADOR: HCJB: English:** "DX Party Line": Mon/Wed/Sat 0930, 2130; Tues/Thurs/Sun 0230, 0630. **Danish:** 1st Sat of Month at 0500, 2000. **Swedish:** Fri 0500, 2100. **German:** Sat 0600, 1830, 2100. **Japanese:** Sat 1200. **French:** Fri 0645, 2045; Sat 0145 (produced by Amitie Radio, France).

**EGYPT: R. Cairo: Italian:** Sat 1910.

**FRANCE: R. France International: French:** Sun 0745. (exc. July/August).

**GERMANY (F.R.): "Deutsche Welle": German:** 2nd Fri of the month at 0850, 1250, 1650, 2050; Sat 0050, 0450. **English:** 3rd Sat of month at 0930. **Japanese** (Hoso Majagen): Every 3rd Tues 1140-1200. **Spanish:** 3rd Sun 2300, 0200. **Deutschlandfunk: Swedish:** "MW 1268" (DX-Editor: A. Riewesel): Sat. **Norwegian:** Tues. **Danish:** Fri. **English** (DX-Circle): Tues. **Dutch:** (DX-Panorama) 3rd Mon. **Italian:** Mon.

**GERMAN DEMOCRATIC REPUBLIC: Radio Berlin International: RBI DX-Club: English:** Mon fortnightly in all prgrs; DX-tra, Mon fortnightly (alternating with DX-Club Prgr) to Europe only. **French:** Mon (fortnightly) 0615, 1400, 1500, 1630, 1745, 1845, 2215. **German:** Fortnightly on Mon: 1240, 1930, 2245; Tues 0545. **Spanish:** Wed (fortnightly) 0115. **Danish:** Mon 1600, 1730, 1945. **Italian:** Mon (fortnightly) 1700, 1830, 2045.

**GUAM: KTWR: English:** "DX Listeners Log": Sat 0915, 1345; Sun 0040. **Japanese:** Fri 1130, 1400.

**HUNGARY: R. Budapest:** 1400-1415 (Sat in German), 1515-1530 (English Tues & Fri, German Wed, Italian Mon & Thurs), 0400-0415 to No. America (English Wed and Sat, Spanish Tues and Fri).

**INDIA: All India Radio: English:** (in GOS): 1st & 3rd Mon 1040, 1435, 1930, 2125; Tues 0050.

**ISRAEL: English:** Sun 2020, 2250; Mon 0020, 0120, 0220.

**JAPAN: R. Japan:** "DX-Corner". English (weekly): Sat 0035, 0220, 0920, 2025; Sun 0640, 1225, 1810, 1940 (Regional Sces); also Sun 1320 (General Sce.)

**KOREA (Rep.): R. Korea: Spanish:** Fri. **German:** Sun.

**MONACO: Trans World Radio:** Sat 1400 in **German.**

**NETHERLANDS: R. Nederland: English:** "Media Network" (Producer: Jonathan Marks): Thurs 18 min after start of transmission; **Portuguese:** "Mundo das Communicaçoes" (Producer: Jacobo Borenstein): Thurs approx 2300: **Spanish:** "Radio Enlace" (Producer: Alfonso Montealegre): Fri 1248, 2048, 2303; Sat 0003, 0203, 0403. **Arabic:** "Donia Al Hiwayat" (Producer: Yacoub el Tom): Wed approx. 24 min after start of transmission.

**POLAND: "R. Polonia": Danish:** 1st & 3rd Tues 1530, 1st & 3rd Wed 1430. **English:** 2nd/4th Wed 1400, 1730, 2230; rpt. Thurs 0630, Fri 1500 & 1600, Sat 1200 & 2030; Sun 0200 & 0300, rpt Thurs 0200.

**PORTUGAL: Adventist World Radio: English:** Sun 0915 (Su: 0815) Produced in collaboration with Danish SW Clubs International. **Radio Portugal: English:** Fri (every 3 weeks) 1800, 2030; rpt Sat 0300, 0530. **German:** Fri 2000; **French:** 2nd & 4th Fri; **Italian:** Fri 2140. **Spanish:** Alternate Fri 2245, 0115, 0245.

**ROMANIA: R. Bucharest: English:** Mon/Wed 1930; Tues/Thurs 0200. **German:** Fri 1800; Sat 1200. **Spanish:** Sat 2115, 0045. **Italian:** Wed 2000; Fri 1530.

**SO. AFRICA: R. RSA: English:** "DX-Corner" Sat 2100, Sun 0200/0300, Thurs 1300. **French:** Fri at the end of 1200, 1800 and 2000 prgrs. **German:** Tues/Thurs/Sat within 1800 prgr. **Dutch:** Tues/Thurs/Sat within 1700 prgr. **Spanish:** Fri 0045. **Portuguese:** Thurs 2215.

**SPAIN: R. Exterior: English:** Sun 1918, 2023, 2348; Mon 0048, 0148, 0548. **French:** Sat 1818, 1918, 2248. **Spanish:** Sat 1745; Sun 0120, 0320.

**SRI LANKA:** English: "R. Monitors International": Sun 1100, 1330 (on SLBC All-Asia Sce).

**SWEDEN: R. Sweden:** (DX-Editor: George Wood): Every Tues in English, French, German, Portuguese, Spanish, Russian.

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In addition to those listed above, the editors thank the many readers who have written to us during 1984 with information and suggestions for this edition. All letters are equally appreciated.

## DX-Programmes (from page 563)

**SWITZERLAND: Swiss Radio International: English:** "Swiss Shortwave Merry-Go-Round" 2nd and 4th Sat of month (also occ. 5th Sat). **French:** 4th/5th Sun/Mon of month 0800, 1130, 1415, 1630, 2400, 0315, 0600. **German:** 2nd Sat of month. **Italian:** 3rd/5th Sun of month.

**TURKEY: Voice of Turkey: English:** Sat. **Greek:** Wed. **German:** Thurs; **French:** Thurs.

**UNITED KINGDOM: BBC World Sce:** "Waveguide": Mon 0915; Wed 0430, 1735; Thurs 0130. **Finnish:** Last Sun of the month in 1930 transmission. "DX-Extra" fortnightly Tues in 1930 transmission. **German:** Tues 2020 (exc. 2nd Tues of month). **Spanish:** Mon 0145.

**U.S.A: Voice of America** in **English:** Thurs during VOA Evening Magazine prgr.

**WRNO Worldwide:** "World of Radio" (produced by Glenn Hauser) in English: Sat 0530; Sun 0230, 1400 (all one hour earlier during Su.) Also carried on various non-comm. FM-st's at different times.

**USSR: R. Moscow: English:** (No. American Sce): Tues 0050, 0250 (Ea), 0550, 0750 (We.); (World Sce): Sat 0900, 1500, 2100; (British Sce): Thurs 2000. **German:** Wed 1750, Thurs 2035. **French:** 2nd & 4th Sun 1900. **R. Kiev: German:** Sat 1900. **English:** Wed 2000; Thurs 0050, 0320. **R. Tashkent: English:** 2nd Sun of month 1200, rpt. following Sat 1400.

## Shortwave Stations (from page 556)

| | | |
|---|---|---|
| 22455 | | Cape Town Radio, South Africa |
| 22536 | | VPS22 Time signal St., Hong Kong |
| 25640 | 20/300 | Tel Aviv, Israel |
| 25650 | 100/250 | BBC, United Kingdom |
| 25665 | 20/250 | RFE/RL |
| 25690 | 20/250 | RL |
| 25790 | 250/500 | RSA, South Africa |
| 25820 | 100/500 | Medias France Intercontinents, France |
| 25900 | 100/500 | Medias France Intercontinents, France |
| 25970 | 300 | R. Nederland, Madagascar |
| 26000 | 35/250 | VOA, Philippines |

**We remind all Collaborators and Monitors that our Newsletter deadlines are:**
**April 15th**
**August 15th**
**October 15th**
**The deadline for WRTH86 is:**
**October 15th 1985**

# LAST MINUTE INFORMATION

## EUROPE

### PORTUGAL

The official schedule of the Ext. Sce was received after deadline, and reads as follows: **English:** 1600-1630d (IV) on 15105, 1700-1730c (V) on 11915, 1800-1830a (IV) on 11915/15250, 2030-2100 (I) on 7155/9740/11775, 0300-0330 (X) on 6060/11925, 0530-0600 (X/XI) on 6075/9575 — **French:** 1730-1800c (V) on 11915, 1830-1900a (V) on 11915/15250, 2100-2130 (I) on 7155/9740/11775, 0030-0100 (X) on 6060/11925, 0500-0530 (XI) on 6075/9575 — **German:** 2000-2030 (I) on 7155/9740/11775 — **Italian:** 2130-2200 (I) on 7155/9740/11775 — **Portuguese:** 0500-0700a (I) on 6025/9740, 0800-1300b (I) on 9740/11800/15125, 0900-1030 (II/III) on 15275/15365, 1100-1300 (V) on 17880/21700, 1100-1300a (I) on 9740/11800, 1300-1745b (I) on 9740, 1400-1600b (IV) on 15105, 1400-1800 (X) on 15285, 1400-1800 (V/VII) on 21700, 1800-2000 (I) on 7155/9740/11775, 1900-2100 (V) on 11915/15250, 2000-2100 (VI) on 11840, 2200-0100 (VII) on 9600, 2300-0130 (VIII) on 11840, 0000-0130 (IX) on 9745, 0100-0300 (X) on 6060/11925, 0400-0500 (X) on 6075, 0400-0500 (XI) on 9575 — **Spanish:** 2200-2230 (I) on 7155/9740/11775, 0100-0130 (VIII) on 9600/11840, 0130-0200 (IX) on 9745 — **Music Prgr:** 1400-1800a on 15285 (X), 21700 (V/VII), 9740/11800 (I).

### SWITZERLAND

The Overseas Sce. of Swiss Radio International during the period March 3rd-May 4th, 1985 will remain as in this edition, exc. that the 1315-1515 block will use an extra frequency of 17765 (beam 305°) to No. America.

### U.S.S.R.

Due to extremely poor reception conditions, our monitors were unable to compile a complete frequency survey for the USSR External Services. However, the following partial survey covers the broadcasts of most interest to WRTH readers.

#### WORLD SERVICE IN ENGLISH

**Areas:** I = Europe, II = Middle East, III = Africa, IV = So. Asia, V = So. Ea. Asia, VI = Far East, VII = Australia/New Zealand, VIII = No. America.

| kHz | Area | Times |
|---|---|---|
| 5900 | VI | 1400-1800 |
| 5920 | I | 0400-0700 |
| | | 2200-2300 |
| 5980 | I | 1600-1700 |
| | | 1900-2000 |
| | | 2100-2200 |
| 6005 | II | 2000-2100 |
| 6020 | VI | 1400-2300 |
| 6050 | VI | 1400-1700 |
| 6090 | I | 2100-2300 |
| 6115 | VIII | 0400-0500 |
| 6145 | I | 2200-2300 |
| 6165 | I | 1600-1700 |
| 6175 | I | 1730-2000 |
| | | 2100-2200 |
| 7100 | II | 1230-1400 |
| | VIII | 0400-0900 |
| 7115 | VIII | 2200-2300 |
| 7130 | II | 0300-1400 |
| 7135 | VI | 1100-1730 |
| | ? | 1600-2100 |
| 7150 | VIII | 0400-0800 |
| | | 1400-1700 |
| 7165 | VIII | 0400-0900 |
| | | 1930-2300 |
| 7175 | VI | 1400-1800 |
| | I | 2100-2300 |
| 7185 | VI | 1400-1800 |
| 7195 | VIII | 2100-2300 |
| 7265 | II | 1200-1400 |
| 7290 | ? | 1400-1530 |
| | | 1600-2100 |
| 7295 | V | 1400-1600 |
| 7305 | II | 1900-2100 |
| 7310 | I | 0500-0800 |
| | | 1730-2000 |
| | | 2100-2300 |
| 7315 | IV | 1400-1800 |
| 7320 | VIII | 0400-0500 |
| 7335 | VIII | 0500-0700 |
| | | 1730-2000 |
| | | 2100-2300 |
| 7340 | IV | 1630-1800 |
| 7345 | VI | 1400-1800 |
| 7360 | VIII | 0700-0800 |
| 7390 | I | 1700-2000 |
| | | 2100-2300 |
| 7493* | | 1400-2230 |
| 9450 | I | 0500-1000 |
| | | 1100-1700 |
| 9470 | III | 2200-2300 |
| 9490 | I | 0500-1000 |
| 9500 | V | 1500-1800 |
| | | 2300-0300 |
| 9515 | III | 1900-2000 |
| | | 2200-2300 |
| 9575 | II | 0500-0600 |
| | | 1200-1400 |
| 9580 | VI | 1730-1800 |
| | | 1900-2100 |
| 9610 | I | 0400- ? |
| 9620 | III | 1430-1700 |
| | | 2100-2300 |
| 9625 | VI | 2130-2200 |
| | | 2330-2400 |
| 9650 | III | 1800-2000 |
| 9655 | IV | 0000-0500 |
| 9710 | III | 2200-2300 |
| 9745 | III | 2100-2300 |
| 9750 | I | 0500-0800 |
| 9760 | III | 1600-1700 |
| | | 1800-1900 |
| | | 2100-2300 |
| 9765 | II | 1000-1100 |
| | | 1130-1400 |
| 9775 | III | 1400-1700 |
| | | 1800-2000 |
| 9780 | VII | 0930-1300 |
| | I | 2100-2300 |
| 9785 | I | 0400-0800 |
| 9790 | III | 1900-2000 |
| 9810 | III | 1900-2000 |
| | | 2100-2200 |
| 9865 | III | 1800-2000 |
| | | 2100-2200 |
| 11675 | V | 0630-1100 |
| 11700 | IV | 1500-1700 |
| 11705 | I | 0700-1600 |
| 11710 | II | 0730-1200 |
| 11745 | II | 1130-1500 |
| 11770 | VIII | 1100-1200 |
| 11800 | III | 0700-0900 |
| 11820 | V | 0800-1300 |
| | III | 1500-1700 |
| | | 2100-2300 |
| 11840c | VIII | 1630-2200 |
| 11845 | IV | 0000-0500 |
| 11860 | VIII | 1600-1900 |
| 11880 | ? | 0400-0700 |
| 11900 | I | 0830-1700 |
| 11950 | I | 0430-0900 |
| 12010 | I | 0730-1500 |
| | VI | 1830-2200 |
| 12050 | VIII | 1900-2000 |
| | | 2130-2300 |
| 12055 | III | 0300-1700 |
| | | 2100-2200 |
| 15130 | VII | 2100-0900 |
| 15135 | VIII | 1000-1500 |
| 15140 | VIII | 2130-2300 |
| 15150 | VIII | 1230-1500 |
| 15185 | V | 0430-1300 |
| 15265 | III | 0700-1000 |
| 15280 | IV | 0600-1200 |
| 15305 | I | 0530-1400 |
| 15320 | II | 1000-1100 |
| | | 1130- ? |
| 15350 | II | 0400-1100 |
| 15360 | V | 0800-1100 |
| 15385 | VII | 2300-0900 |
| 15420 | V | 0300-1000 |
| 15435 | IV | 1230-1400 |
| | | 1500-1600 |
| 15455 | I | 1000-1700 |
| | VIII | 2000-2300 |
| 15460 | IV | 0430-1000 |
| | III | 1500-1700 |
| 15470 | III | 0500-1000 |
| 15475 | ? | 1200-1700 |
| 15500 | II | 0500-1100 |
| | | 1130-1300 |
| 15510 | IV | 0900-1100 |
| 15515 | V | 0300-0500 |
| 15520 | III | 0600-1000 |
| 15530 | II | 0930-1500 |
| 15535 | IV | 1000-1300 |
| 15540 | I | 0700-1300 |
| 15550 | IV | 1000-1100 |
| | | 1600-1700 |
| 17700 | IV | 0900-1000 |
| | VIII | 2130-2300 |
| 17720 | VIII | 2130-2300 |
| 17730 | V | 0600-1300 |
| 17745 | V | 0700-1000 |
| 17755 | ? | 0500-0700 |
| 17765 | IV | 0200-1300 |
| 17805 | ? | 0430-0500 |
| 17810 | VIII | 0900-1500 |
| 17855 | II | 1000-1100 |
| 17880 | VI | 2300-0900 |
| 21450 | III | 0900-1400 |
| 21475 | III | 0900-1200 |
| | VI | 2300-0130 |
| 21515 | III | 0800-1600 |
| 21530 | V | 0100-0800 |
| 21585 | V | 1000-1100 |
| 21590 | III | ? -1000 |
| | | 1200- ? |
| 21600 | V | 0800-1000 |
| 21715 | III | 0800-1400 |

*) LSB — c) via cuban tr.

**NB:** Some freqs may operate longer than the audible periods mentioned above. Others may not be continuous within stated time period.

#### OTHER BROADCASTS IN ENGLISH

| To Europe | kHz |
|---|---|
| 2000-2100 | 5980/6175/7230/7310/7335/7390 |
| **To Africa** | |
| 1700-1800 | 9470/9630/9650/9745/9760/9775/11820/12045/15470 |
| 2000-2100 | 9515/9620/9745/9775/9810/9865 |

#### GENERAL SERVICE IN FRENCH

**Areas:** I = Europe, II = Africa, III = Maghrib.

| kHz | Area | Time |
|---|---|---|
| 5950 | I | 1700-2200 |
| 6010 | I | 1900-2100 |
| 7195 | I | 0600-0700 |
| 7230 | I | 2100-2200 |
| 7240 | I | 0500-0700 |
| | | 1700-2200 |
| 7360 | I | 0500-0700 |
| 7370 | ? | 2100-2200 |
| 7440 | III | 1700-2200 |
| 9450 | I | 1700-2200 |
| 9470 | II | 2000-2200 |
| 9480 | III | 1700-2200 |

| kHz | Area | Times |
|---|---|---|
| 9515 | II | 2100-2200 |
| 9550 | III | 2030-2100 |
| 9560 | II | 2030-2100 |
| 9575 | II | 2100-2200 |
| 9610 | ? | 0500-0700 |
| 9630 | III | 0500-0700 |
| | | 1830-1900 |
| 9640 | ? | 0500-0700 |
| 9675 | I | 0500-0700 |
| 9710 | III | 1700-2200 |
| 9745 | II | 0500-0700 |
| 9760 | III | 0500-0700 |
| 9760 | | 1900-2100 |
| 9765 | I | 1700-2200 |
| 9795 | I | 0500-0700 |
| 9810 | ? | 0500-0700 |
| 11630 | II | 0500-0700 |
| 11725 | II | 1700-1900 |
| 11745 | II | 0500-0700 |
| | | 1800-1900 |
| 11800 | II | 0500-0700 |
| 12055 | II | 1700- ? |
| 13635 | II | 0500-0700 |
| 15265 | II | 0500-0700 |

**NB:** At 1830-1900 & 2030-2100, the General Sce. is replaced by separate prgrs for the three target areas.

| German | kHz |
|---|---|
| 1000-1100 | 9450/11870/13680/17860 |
| 1600-2030 | 5920/5950 (to 1700)/5960/6145 |
| 2100-2130 | 5920/5960/6145 |

**EXTERNAL BROADCASTS FROM THE SOVIET REPUBLICS**
**R. Alma Ata:** all broadcasts on 900/5035/5915/6135kHz. **R. Baku:** all broadcasts on 1296/6110/6135kHz. **R. Kiev: English:** 1900 on 6020/6165/7230/7280kHz, 0030 on 7205/9750/11790/15100/15240kHz, 0300 on 7195/7205/9750/15100/15240kHz; **German:** 1700 on 5980/6020/6165/7230/7280kHz, 2200 on 1242/5905/7230kHz. **R. Minsk:** 1800 on 5980/6010kHz & 31mb, 2130 on 6120/6185/7240kHz. **R. Tashkent: English:** 1200 and 1400 on 5945/5985/9540/9685/11785kHz. **R. Vilnius: English:** 2230 on 666/6100kHz, 2300 on 9685/9750/11790/15100/15240kHz + 41mb. **R. Yerevan: to Europe:** 0800-0900 (Sun) on 15305/15510/17790kHz, 2130-2200 on 9795kHz + 1 low power; **to Latin America:** 2200-2300 on 9480/12045kHz.

**RADIO STATION "PEACE AND PROGRESS"**

| English | kHz |
|---|---|
| 1330-1400 | 7355/9635/11845 (to So. Asia) |
| 1630-1700 | 6005/6170/6190/9575 (to Middle East/So. Asia) |
| | 9470/9515/9710/9745/12045 (to Africa). |
| **German** | |
| 2030-2100 | 5920/5960/6145/7360 |

**Monitors:** Olle Alm (Sweden), Douglas Johnson (USA).

# AFRICA

## SEYCHELLES

R. Seychelles now operates Mon-Fri 0200-0400, 0700-0900 & 1400-1800; Sat/Sun 0200-1800. **N. in English:** 0300, 0900, 1500. **N. in French:** 0330, 0830, 1700. Now identifies as "RTS-Radio Television Seychelles". (Official information).

# NEAR & MIDDLE EAST

## AFGHANISTAN

Relays of R. Afghanistan via USSR tr's have been monitored as follows: 0130-0430 on 7235kHz, 0130-0500 on 9755kHz, 0600-1200 on 15435kHz, 1230-1600 on 9755kHz, 1730-1930 on 5905/7320/9575kHz (Olle Alm).

## LEBANON

The MW-tr. on 989kHz has been dismantled acc. to reports (Bengt Ericson).

The Voice of Hope on 6215kHz has the following schedule: 0300-0600 Arabic, 0600-1000 English, 1000-1500 Arabic, 1500-1700 English, 1700-1830 Russian, 1830-1900 German, 1900-2000 French/Swedish/Romanian/Vietnamese, 2000-2300 English. (Official information).

# ASIA

## KOREA (Dem. People's Rep.)

English at 1500-1650 also heard on 720 and 13680v kHz. An unidentified tr. on 1368kHz carries Ext. Sce prgrs (Bill Harms).

# PACIFIC

## HAWAII

Add to MW list: 29) KKAI 1310kHz 0.5kW, with cp for 5kW. Location Honolulu. (Lars Rydén).

# NORTH AMERICA

## CANADA

New telephone no. for CBC Head Office in Ottawa is (613) 724-1200.

## U.S.A.

Proposed schedule of new SW-st. KVOH, Rancho Simi, California (operated by High Adventure Broadc. Network): 1400-1600 on 9525kHz, 1600-2200 on 17755kHz, 2200-2400 on 15115kHz, 0000-0400 on 11930kHz, 0400-0600 on 9525kHz, 0600-0800 on 6005kHz. Power 50kW, prgrs in English (Target on-air date: spring 1985).

# CENTRAL AMERICA

## COSTA RICA

6) 610, location is San José — 10) v780, power is 3kW — 15) 960, name is R. San José — delete 21) r1176v (cf. 1220). (Tore Larsson).

## CUBA

Ronald Schabz has informed us of the following last-minute changes to the Home Sce details (these changes have been incorporated into the MW table): 1) GC/KC/AC now on 750/730/720kHz respectively (ex-720/720/740); amend 3) OB to read 26) OR; 2) DI has moved from 1100 to 910; Correct location of 16) 1250 is Imías; 2) ED has moved from 1280 to 1100 — 27) R. Caribe, la Emisora . . . ; 19/32/34/45/50: Format is instrumental music, with timechecks given by female announcer.

## DOMINICAN REPUBLIC

The location of 30x) is Sto. Domingo, not Santiago. Addr: Ap. 928, Sto. Domingo (Tore Larsson).

# SOUTH AMERICA

## BOLIVIA

5985kHz: C.P. 222 R. San José, 0900-0200. Addr: Correo Central, Oruro — 6140kHz: R. Santa Cruz reactivated under new owners, a religious/educational organisation called "Instituto Fe y Alegría". S/on 0900, and heard until past 2300. (Tony Jones).

# WRTH TESTS FULL-SIZE RECEIVERS

by

**Lawrence Magne, President**
**International Broadcasting Services, Ltd.**

**About the Author**

Lawrence Magne has been an annual contributor to the **World Radio TV Handbook** publications since 1972 and is managing editor of the **Radio Database International** series of publications. He is also a regular voice over Radio Canada International's "Shortwave Listener's Digest" and maintains **Radio Database International's** monthly presentation for shortwave listeners over Swiss Radio International and Radio Canada International.

Larry, who was awarded an M.B.A. in 1964, has participated in computer database design and management since the mid-1960's. He currently is president of International Broadcasting Services, Ltd., with headquarters in Penn's Park, Pennsylvania. In addition to radio and television guest appearances, he also finds time to contribute articles to such varied publications as **High Technology** and American Express **Expression!,** along with a variety of specialized radio magazines and books. In 1980 he was chosen "Man of the Year" by the Association of North American Radio Clubs in recognition of his achievements in the fields of international broadcasting and shortwave listening.

His wife, Jane, is a molecular biologist at the University City Science Center in Philadelphia. When not busy working, they usually can be found tilling the fields or repairing the barn at their colonial farm in rural Bucks County.

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When we did last year's reports on portables for the **Handbook,** none of us ever imagined we would be writing on what was to become the greatest receiver bargain in shortwave history. In mid-1984, Uniden, the Japanese electronics firm, decided to "dump" its model CR-2021 that we rated so highly in our report last year. Nearly overnight, the retail selling price plummeted from US$189-250 to $89-100 for the 4,000 or so lucky shortwave listeners—largely, but not entirely, in the US—who were knowledgeable and fortunate enough to snatch up these sets while they were available. As I write this in November, 1984, it appears as if every last CR-2021 has been sold, with only the nearly identical Realistic DX-400 still being available . . . at $300.

There are no comparable bargains in this year's line-up . . . at least not as yet. But Uniden is represented once again by dint of their having purchased, in 1984, the American firm of Electra/Bearcat, producers of VHF scanners and the DX-1000 shortwave communications receiver. ICOM makes another appearance with its IC-R71 replacement for the highly rated 'R70 that took the shortwave listening hobby by storm when it was introduced two years ago. Grundig has finally come up with a solid offering for shortwave program listeners, which should come as welcome news, especially for Europeans.

We also have complete reports on the latest in improved-fidelity shortwave reception, plus gear to amplify and peak signals *before* they get to your radio. Please let me know how you feel about these reviews. You can reach me at: IBS Ltd, C.P.O. 300, Penn's Park, PA 18943 USA.

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**Looking Back . . . and Ahead**

If you don't find a model to suit your needs among those tested for this year's **Handbook,** you may wish to consider the full-sized models originally reviewed in the 1982 and 1983 editions of the **Handbook** (cf. the cumulative index at the end of this article). One of these, the Japan Radio NRD-515, is unusually well constructed and priced only slightly above this year's ICOM IC-R71. The '515 currently is being sold at reduced price in at least some countries. Another, the Sony ICF-6800W, provides unusually well-balanced performance at a somewhat lower price.

At International Broadcasting Services, we are testing recent production and modified versions of the '515 and will report on our findings in due course. Also to be tested upon their scheduled appearance on the market in December '84 and January '85 are the new Yaesu FRG-8800, Eska RX99PL and Sony ICF-2001D/ICF-2010, as well as the forthcoming improved version of Zenith/Heathkit's SW 7800 originally introduced in 1984. Test reports on these are planned for early 1985 in the **World Radio TV Handbook Newsletter** and **Radio Database International** publications, and over "SWL Digest".

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**Those Who Have Helped and Shared**

These evaluations would not have been possible had it not been for the time, talent, and feedback from the following loyal friends of the **Handbook:** Rob Sherwood (US), who came on board this year to perform equipment lab tests for IBS; Don Jensen (US), who aided with editing; plus J.M. Brinker (US), Konrad Kroszner (US), Jonathan Marks (Netherlands), Ian McFarland (Canada), Mike Nikolich (US), Toshimichi Ohtake (Japan), Lars Rydén (Sweden), Simo Soininen (Finland), and Alan Thompson (Wales).

In order to establish a common point of reference for the various receivers tested, prices are given, whenever possible, in US$ as established in that country. This provides a general framework for making relative price comparisons, but you should keep in mind that the actual pricing structure and model availability vary greatly from country-to-country.

**BEARCAT DX1000**
Uniden Corporation of America, Marketing Services, Personal Communications Division, 15161 Triton Lane, Huntington Beach, CA 92649 USA; Tel. [toll-free within US] (800) 722-6637, [elsewhere] (714) 898-0576. Warranty: (US) 1 year. Suggested Retail Price: (US) $499.95.

**HIGHLIGHTS:**
**Advantages:** Keypad tuning. Frequency slewing. Knob tuning. 10 Programmable channel memories. Two 24-hour clocks with multi-cycle programmable timer and tape recorder control. Relatively flexible noise blanker. Two selectable AGC configurations. Fully self-contained. Reasonably accurate signal-strength meter.
**Disadvantages;** Mediocre dynamic range. Moderately high circuit noise. Selectively only fair. Audio quality with inboard speaker only fair. Painted plastic exterior. Does not receive FM broadcasts.
**Overall:** Good features-to-cost radio, but overall radio performance only fair.

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The Bearcat DX1000 is more than just a new receiver. It is the first entry into shortwave by Electra, an established name in scanners and wireless telephones. Since this receiver came on the market in 1984, Electra has been acquired by the Uniden Corporation of America, which shortly thereafter discontinued the Uniden model CR-2021 shortwave portable. As the DX1000 continues to be widely advertised—and because Bearcat is such a popular name in scanner technology—the receiver arouses more than the usual new product interest.

The DX1000 is a table model communications receiver with secondary portable capability. It's designed along the lines of Trio-Kenwood and Yaesu receivers, but it differs considerably from the relatively unorthodox ICOM IC-R70, and to a lesser extent its successor model IC-R71.

**Convenience Features**

The most striking thing about the DX1000, the product of one of the world's most renowned scanner houses, is that it contains no scanner facility whatsoever. This might seem odd, but it makes sense. Scanners work poorly with shortwave broadcasts, where signal strengths change constantly because of fading. Electra must have known better than to hang a marginally-performing ornament onto the DX1000, if only to protect their reputation as scanner experts. But the absence of a scanner shouldn't suggest that the DX1000 is some stone-age device. It has every other synthesized tuning facility imaginable—programmable-step frequency slewing, knob tuning, 10 programmable channel memories, and keypad frequency entry.

The DX1000 is chockablock with features, including a noise blanker with two widths. This allows it to function against local pulse noises, such as from engine ignitions, as well as the infamous Soviet "Woodpecker". The digital frequency display is shared with two 24-hour clocks—one for UTC, the other for local time. These clocks also tie into a timer system that allows up to five on-off/frequency configurations per day. And the timer also controls the operation of a tape recorder. Three selectivity positions are selectable independent of reception mode, as are the two automatic gain control time constants.

**Modest Performance**

Performance is similar to that of the several recent models of Trio-Kenwood and Yaesu receivers. Sensitivity is good, but limited by circuit noise. Selectivity is only fair, the three bandwidth choices notwithstanding. Audio quality is modest but acceptable, and is aided by the presence of a continuous tone control.

Dynamic range is mediocre. This is compounded by the fact that the mediumwave AM range has the same sensitivity as the shortwave range. The result of these two factors, plus ineffective high-pass filtering when the shortwave spectrum is tuned, is the appearance of mixing products from mediumwave AM stations within portions of the shortwave spectrum. The DX1000 has a −20/−40 dB attenuator that alleviates the symptom, while at the same time reducing the sensitivity necessary for serious DXing. An RF gain control or a less coarse attenuator would have been better, but a relatively short antenna will provide a quick fix. This may be why the DX1000 includes as standard equipment an inverted-L antenna of only 10 meters' length. If you need to hear really weak stations, a more effective solution would be to use a trap dipole or other frequency-selective type of antenna. An antenna tuner or preselector also can be used to good effect by peaking it onto the tuned frequency.

Of the three IF selectivity positions provided, the narrowest works reasonably well for listening in congested situations. The 6 kHz middle filter—the one most relevant to shortwave listening—has modest skirt selectivity. The ICOM IC-R70/71 also use 6 kHz bandwidth filters, but ones with tight skirt selectivity. The same stations that come in free from significant interference on the ICOMs are awash in interference on the DX1000 with the same −6 dB bandwidth.

The DX1000's third bandwidth filter is 12 kHz. This is far too wide for listening to shortwave broadcasts, but is appropriate for listening to communications or amateur traffic in the FM mode.

The DX1000 doesn't have an inboard AC mains power supply. Instead, it uses a wall transformer to convert AC to DC. A minor disadvantage of this is that stray current fields tend to be more easily picked up by the antenna than when the power supply is inboard and shielded by the receiver's metal wraparound.

On the other hand, the DX1000 accepts 8 "D"-size alkaline batteries to allow it to be used as a field portable. The problem with this is that the receiver has *very* high battery drain—about 2½ times that of the Sony ICF-2001, which itself was known as a battery monster. Using alkaline batteries, it costs about 75 US cents per hour to operate the DX-1000. And it won't accept rechargeable NiCads, as these don't put out enough voltage to power the set properly. Still, for emergency use or to eliminate power line noise while DXing, the inclusion of inboard batteries is a plus.

With a battery cavity, internal speaker, carrying handle, and telescopic antenna as standard equipment, the DX1000 is fully self-contained. But if you use the telescopic antenna, be sure to bring along a length of wire to extend this, or else you'll find sensitivity pretty disappointing.

Stability is good, especially for a receiver in this price range. Single-sideband tuning is aided further by the excellent analog fine tuning control which interpolates between the 100 Hz synthesized tuning increments. It has a detent in the center of its range to facilitate resetting it to zero.

The front panel of the receiver is logically laid out for the user, but certain of the software has been less well thought out. For example, with the Realistic DX-400 or Uniden CR-2021 the memory is activated whenever a memory button is pushed. But on the DX1000, three buttons have to be depressed. Going from one memory channel to another requires depressing *six* buttons, as opposed to one on the DX-400/CR-2021.

Another software peculiarity concerns the clock. As it shares the digital counter with the frequency readout, a button has to be depressed in order for the time to read out in lieu of the frequency. That button also switches the tuning mechanism into the keypad mode. So if you've dialed a signal via the tuning knob, you may find your signal detuned slightly by the difference between the frequency achieved via the keypad—which can tune no finer than exact 1 kHz increments—and the frequency more precisely tuned by the tuning knob. This forces you to retune following each time check. Fortunately, this only affects reception of single-sideband or CW signals, or broadcasts tuned via exalted-carrier selectable sideband (ECSS). Even then, this can be avoided by dialing in 1 kHz, rather than 100 Hz, increments, then using the analog fine tuning control for all interpolation between 1 kHz points.

The DX1000 comes with a signal strength meter calibrated in "S" units and dB over S-9, plus the 1-5 signal scale used for SWL reception reports. Even though it fluctuates with modulation, as well as carrier, level, it gives reasonably accurate readings.

The receiver's front panel and controls consists of painted plastic. How well the paint will hold up under use is hard to say, but the tuning knob can easily be replaced by another and more substantially-constructed spinner knob, such as those used on the recently-discontinued Drake R-7A or found at hamfests.

The Bearcat DX1000 is the latest and most refined of a series of similar receivers that began in 1979 with the Yaesu FRG-7000 and subsequently has included the Yaesu FRG-7700, plus the Trio-Kenwood models R-600, R-1000, and R-2000 (how it will fare against the forthcoming 1985 Yaesu FRG-8800 will be known after we report on this new model in the **WRTH Newsletter,** "SWL Digest", and **Radio Database International).** The DX1000's price—and its relative level of refinement—make it worth considering. It would be markedly improved by installing—or having your dealer install—one of the better MuRata or other multi-element ceramic filters in lieu of the ineffective filter used for the DX1000's 6 kHz bandwidth. Other feasible improvements include changing the attenuator steps to −10 and −20 dB and the adding of a switchable 2 MHz high-pass filter to reduce penetration of mediumwave AM signals into the shortwave spectrum.

**GRUNDIG SATELLIT 600**

Grundig AG, Kurgartenstrasse 37, D-8510 Fürth/Bayern, Federal Republic of Germany; Tel: (09 11) 70-31. Euro Service & Parts, 20826 E. Vermont Street, Torrance, CA 90502, USA; Tel: (213) 438-2302/320-1173/320-2033. Warranty: (US) 6 months labor, 12 months parts. Retail Price: (US) $650-700, including shipping; (W. Germany) DM 1500-1600.

**HIGHLIGHTS:**

**Advantages:** Pleasant audio with separate bass and treble controls. Shortwave station selection via keypad, tuning knob, and 32 programmable channel memories. Comes standard with inboard fused dual-voltage AC power supply. Clock in 24-hour format with seconds and multi-cycle programmable timer. Dial light. Large digital characters easy to read. Analog signal strength meter. Fully self-contained.

**Disadvantages:** Although nominally a portable, too large and heavy for most portable applications. Motorized preselector requires manual peaking. Modest dynamic range. Modest selectivity.

**Overall:** A pleasant shortwave program listening receiver with minor DX appeal.

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Whatever the lion's share of the shortwave radio market that is held by the Japanese, there remain a few European and American firms to provide competition. None has been so established in this regard as the West German firm of Grundig. Grundig's line of nominally-portable shortwave receivers includes several in the Asian-made "Yacht-Boy" series, plus two in the Portuguese-made "Satellit" series. The larger and costlier of the latter is the Satellit 600 Professional, introduced in 1984.

The S600's most obvious characteristic is mass. It is large by portable standards and, at 9 kilos (20 lbs.), weighs more than some table-model sets. Accordingly, we consider it to be a self-contained table model or field portable.

**Improved Design**

The S600 is markedly different from earlier large Satellit models. For one thing, the tuning system is synthesized. Not only does this aid stability, it also allows for keypad tuning and 60 programmable channel memories (of which 32 are for shortwave) to be incorporated. More in keeping with Grundig tradition is the audio—powerful and relatively clean, with separate bass and treble controls plus a tweeter on/off switch. Other controls include a three-position selectivity knob, an RF gain control, a mode switch (for LSB/AM/USB), BFO pitch, antenna

trim, as well as sundry controls for the microprocessor, clock/timer, noise limiter, and band (FM/SW/MW/LW/AUX).

The digital clock includes seconds and uses a 24-hour format—both plusses for the fastiduous shortwave listener. The clock circuitry includes a programmable timer with up to three on/off cycles per day. An analog signal strength meter is also included; calibrated in the emerging standard of 1-10, it doubles as a battery strength indicator.

**Motorized Preselector**

But the real surprise is in the tuning knob, which includes two concentric controls to regulate the operation of, yes, a preselector. It's unusual to find a preselector on any receiver of modern design. New radios usually use up conversion to 40+ MHz or so in the first IF, then 455 kHz or something similarly low for the second IF. This provides good performance without the need for a preselector, but in principle a self-tracking high "Q" preselector can improve dynamic range over that which can be achieved via up conversion alone.

Grundig must have anticipated that pampered shortwave listeners would not take kindly to having to tune a preselector by hand, so they automated its operation. As the listener tunes up and down the band, every now and then a motor retunes the preselector for nominally-optimum performance on the tuned frequency. If this robotry isn't to your taste, you can switch off the motor and tune the preselector by hand, the old fashioned way.

The S600's tuning knob has a variable-rate incremental tuning (VRIT) system, which automatically switches the kHz-per-revolution ratio, depending on how fast you turn it. Dial it rapidly and the kHz zip by; turn it slowly and the rate drops sharply. We continue to consider this of only marginal interest to most receiver users.

Shortwave sensitivity with the built-in or an external antenna is quite good. On the other hand, the "Rube Goldberg" preselector does only a fair job of providing front end selectivity. The great potential of an auto-tracking preselector isn't fully realized for a number of reasons, among them that the device doesn't track precisely enough. The listener sometimes has to manually "tweak" the preselector control in order to obtain maximum sensitivity and unwanted-spectrum rejection.

Further limiting the S600's performance is the set's modest dynamic range, which is almost identical to that of the Trio-Kenwood R-2000 we reported on in the 1983 **Handbook.** This probably results from Grundig's insistence on designing a briefcase-sized receiver to be "portable". Given today's available semiconductors, excellent dynamic range usually has to be traded off against power consumption. With an AC-powered receiver, this is not a matter of moment. But with a portable, low power consumption is of paramount importance. Alas, the S600 has the worst of both worlds: mediocre portability and modest dynamic range. Even at International Broadcasting Services' monitoring facility in the hinterland of Penn's Park, Pennsylvania, powerful nighttime signals within the 49 meter band "ghost in" to provide ersatz co-channel interference to neighboring stations. Hand-tweaking of the preselector helps, but does not entirely cure, this consequence of inadequate dynamic range.

**Superior Audio**

There are various high-sounding excuses given for why most "serious" shortwave receivers have such dreadful audio quality. The truth is, as is illustrated by Sony's ICF-6800W, that good performance and clean audio are not mutually exclusive. Indeed, Sony's forthcoming ICF-2001D/ICF-2010 (cf.) will attempt to carry this a step further in a portable of reasonable size.

By comparison with nearly any *bona fide* table-model communications receiver, the S600 has above-average, if slightly bassy, audio for anything from Radio Prague to local FM music.

An apparent plus in the S600's design is its use of three selectivity positions. Upon closer inspection, however, only two of these are separate IF bandwidths. The third is actually the wide IF bandwidth combined with a narrowed-band audio filter. Furthermore, neither IF filter provides terribly impressive skirt selectivity. Still, overall selectivity is adequate for noncritical shortwave listening purposes.

The S600's use of stable synthesized tuning circuitry makes it a reasonably good performer in receiving single sideband signals. Exalted-carrier selectable sideband (ECSS) reception of normal AM-mode shortwave broadcasting signals fares less well.

As with most other Grundig shortwave radios, the spirit of internationalism is kept alive via the inclusion of an inboard fused dual-voltage AC power supply.

The Satellite 600—easily the pride of Grundig's fleet—is a pleasant set for reasonably serious shortwave program listening. Although its size and heft keep it from being truly portable, its several self-contained features allow it to operate without AC mains current in backyards, on auto/van trips, and where electricity is unreliable. Its audio alone will endear it to those interested in enjoyable reception of major broadcast stations. Especially for listening over long stretches of time, audio such as that found on the S600 and Sony ICF-6800W results in relatively little listening fatigue. But the S600's pedestrian dynamic range and selectivity make it a less-than-optimum choice for the DXer or SWL "explorer" chasing after tough, exotic radio fare. For them, the ICOM IC-R71 is preferable. However, in Europe, where Grundig tends to be favorably priced relative to Japanese models, for most applications the purchase of a Satellit 600 may make sound economic sense.

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**ICOM IC-R71**

ICOM Incorporated, 1-6-19, Kamikuratsukuri Hirano-ku, Osaka, Japan. ICOM America, Inc., 2112 116th Ave., Bellevue, WA 98004, USA; Tel: (206) 454-8155. Warranty: (US) 90 days. Suggested Retail Price: (US) US$799.00; (Australia) A$850. FL44 crystal-lattice variable bandwidth filter for 3 kHz "narrow" bandwidth: US$159.00. IC-SP3 speaker: US$49.50.

**HIGHLIGHTS:**
**Advantages:** Quiet circuitry with wide dynamic range. Excellent skirt selectivity. Synthesizer tunes in 10 Hz increments. Very good stability and single-sideband performance. Variable notch filter. Variable-bandwidth (PBT) control. Keypad tuning. 32 programmable channel memories. Knob tuning. Two AGC time configurations, plus "off", selectable independent of mode. Noise blanker relatively effective against "Pulser" interference. Accurate signal-strength meter. RF gain control. Comes standard with 90-129/180-259V AC input.
**Disadvantages:** Audio quality with inboard speaker only fair. Variable-bandwidth (PBT) filters have mediocre skirt selectivity (partially remediable, see story). Use of noise blanker increases possibility of cross-modulation. Synthesizer tunes in 10 Hz increments, but frequency displays only to nearest 100 Hz. Lacks fine tuning (RIT) control. Change in AC input voltage requires internal rewiring. Does not receive FM broadcasts. Brief warranty period.
**Overall:** More convenient to operate than the predecessor ICOM IC-R70, but mixed overall performance as compared with R70. In all, still the best shortwave DX receiver under US$950.

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ICOM's introduction in 1982 of the model IC-R70 communications receiver sent shock waves through the shortwave listening community. Here, at last, was professional-caliber performance at a price many could afford. However, upon closer inspection thorns appeared among the roses. Excellent performance notwithstanding, the IC-R70 was unnecessarily complicated to operate and, worse, suffered from deficiencies in quality control.

To ICOM's credit, this model did not last long. Just over a year after it was introduced, ICOM bid *sayonara* to the pioneering R70, replacing it with the similar, but handier-to-operate, model IC-R71, sold variously as the R71A, R71E, and R71D.

**More Convenient Operation**

The most obvious improvements in the R71 over the R70 are the incorporation of a keypad/memory system to facilitate frequency selection and the ability of both the narrower and wider voice bandwidth filters to work in either the AM or SSB modes. Unquestionably, these are plusses. Keypad tuning greatly simplifies "getting there from here", whereas the bank of 32 programmable channel memories is a godsend for those who listen regularly to certain favorite stations. Both work well, although the keypad requires entry of the least significant digit (tenths of kiloHertz). Also, below 1 MHz in the mediumwave AM band, a leading zero must be entered. Thus, callup of 15070 kHz requires 1-5-0-7-0-0-ENTER (thankfully, the decimal isn't required), whereas 880 kHz requires 0-8-8-0-0-ENTER. In all, small points when one recalls that the $6,000 Racal RA6790/GM has similar entry requirements.

The R70 came equipped with two crystal-lattice voice bandwidth filters—both excellent. However, the narrow filter could be activated only for reception in the SSB mode, which is only occasionally used by shortwave broadcasters. Reception of ordinary AM-mode shortwave broadcasts, using the narrow filter, required tuning the signals as though they were SSB. This technique, known as exalted-carrier selectable sideband (ECSS), can produce reduced interference and lower distortion as compared with ordinary reception. However, it is complex and fussy to use, so listeners understandably tend to resent being forced to receive in the ECSS mode whenever tight selectivity is required. Bandscanning is especially affected. ECSS, for all its virtues, requires that each station passed by be carefully fine tuned simply to determine whether it is worth hearing. Electronic Equipment Bank and other firms devised modifications to get around this, but for those unable or unwilling to obtain such modifications the R70 usually ended up being operated as a single-bandwidth receiver . . . quite a letdown for a model in this price category.

The R71, however, allows the voice bandwidth filters to be selectable independent of mode. This is a major improvement, though this still leaves the R71 with only two bandwidths (as opposed, for example, to up to five on the now-discontinued Drake R-7A). The end result is adequate, but leaves ICOM with room to improve in future models.

As can be gleaned from International Broadcasting Services' test results, the R71 is no slouch. Its synthesizer and bandwidth filters are all superb—better, in fact, than a number of models of costly professional-grade receivers. The front end is good by any yardstick although, under the difficult conditions encountered in Europe and North Africa, nearby powerful signals can cause problems. But as compared with competing models in or near the R71's price class, only the Japan Radio NRD-515 fares better.

**Variable Bandwidth**

As is ICOM's custom, all manner of operating controls are provided to gladden the heart of the most inveterate knob-twiddler. Among the most novel is a "passband tuning control," something of a misnomer, since it does not act in the manner of a true passband tuning circuit *à la* the Drake R-7A. Surprisingly, ICOM has not chosen to call it what it actually is: a variable-bandwidth control, even though the concept of variable bandwidth should be warmly welcomed by consumers. Indeed, in principle a variable-bandwidth control should serve to negate our earlier criticism that only two voice bandwidths are available.

Presumably the reason ICOM has downplayed the variable-bandwidth feature is that the performance of the two filters in that circuit is limp as compared with that of the unaided crystal-lattice bandwidth filters.

Why is this?

What takes place with ordinary bandwidth filtering is straightforward: a filter defines the width through which signal(s) may pass. With ICOM's R71 (and R70), the "passband tuning" circuit acts to narrow that bandwidth filter opening yet further by "sliding in" the outer limit of the bandwidth, much as a curtain slides in from one side to narrow what can be seen through a window. It's a great idea, provided the circuitry doesn't cause untoward signal attenuation and provided the second filter has performance at least comparable to that of the bandwidth filter.

The R71's "passband tuning" circuitry does not appreciably attenuate received signals. However, the filters that come standard with the receiver are so inferior to those used for the two fixed-bandwidth voice positions that to activate this variable-bandwidth feature is to degrade significantly overall skirt selectivity.

Fortunately, ICOM provides as an option a pricey but excellent crystal-lattice alternative filter (FL-44) for the passband tuning circuit used in conjunction with the narrow bandwidth filter. So if the 3 kHz bandwidth of that narrow voice bandwidth filter is too wide for congested listening, the listener can use the "passband tuning" circuit with the FL-44 to reduce it to exactly that point which provides optimum results. Almost as effective, but somewhat less costly, is the MF-455 mechanical filter

available from Electronic Equipment Bank (see following review). Either is helpful for the serious DXer struggling under adverse conditions to flush out a readable signal.

This improvement leaves unresolved the need for intermediate bandwidths between the wide and narrow filter positions. Here, the wide variable bandwidth falls flat. ICOM has made no room on the circuit board for an alternative filter to replace the dismally performing inexpensive ceramic filter used to narrow the 6 kHz "wide" bandwidth. This is doubly disappointing, as although the R71's wide filter has skirt selectivity at least equal to that of the wide filter on the R70, the −6 dB bandwidth is a tad greater. The width of the R70's "wide" bandwidth was already considered by most to be a bit too wide.

Because the passband tuning circuit is passive, it does not take kindly to replacement filters unless they are mechanically and electrically "solid" against the circuit board. Murata, NTKK, and others produce lines of high-caliber ceramic filters, but these are larger than the inexpensive filter used by ICOM, so flush mounting is not practical. Bending the filter's pins to effect insertion allows so much leakage that the net effect is no better than that of the original filter. Similarly, attempts to affix outboard filters via umbilical cables are unlikely to result in improvement.

**Noise Blanker**

Noise blankers and limiters originally were designed to help alleviate ignition pulse noises, especially for "hams" operating from their automobiles. This continues to be a useful function, but now the real need is to overcome a wide variety of electrical noises (including from the proliferation of computers and other devices with microprocessors). RCA, the US electronics conglomerate, recently was granted a patent for a device for TV sets to diminish the impact of local electrical noises on television signals. Although this is disconcertingly analogous to a pharmaceutical firm's announcing the introduction of a drug to overcome the effects of avoidable water pollution, in the real world this sort of approach seems to be necessary.

Another target for modern noise-suppressing circuitry is the Soviet "Pulser" over-the-horizon radar system (the US also has been testing OTH-b shortwave radar systems, but to date harmful interference to shortwave broadcasts reportedly has been almost nil). Again, digital technology has come to the rescue: Datong Electronics of England produces the SRB2 Auto Woodpecker Blanker, which does a superb job of attenuating this radar pest.

The R71's noise blanker has not just the usual one, but rather a full four operating controls: on/off, level, action time, and width. Adjusting these controls carefully results in above-average attenuation of the "Pulser" radar and various other pulse-type noises. However, it still is a conventional blanking circuit, which is to say it does not incorporate the advanced microprocessor technology that makes either the RCA or Datong devices exceptionally effective against their specialized targets. The R71's blanker may be old technology, but in many respects it is advanced old technology and thus is superior to the toothless blankers found in many other models of non-professional quality shortwave listening equipment.

All this having been said, the R71's blanker suffers from a shortcoming most other blankers long since have overcome: cross-modulation. When the blanker circuitry is switched in, the otherwise-excellent dynamic range of the set sags, sometimes allowing for a mishmash of signals to be heard up and down the band. Compare this to the Drake R-7A's noise blanker, which not only does not degrade dynamic range, it actually improves matters slightly by adding two poles of front-end selectivity. Like a flawed drug, the R71's noise blanker creates side effects that can be more serious than the problem solved.

Fortunately, in practice the blanker often is useful. The "Pulser", which is increasingly the major target for noise suppression circuits, tends to operate more in the higher shortwave bands than the lower. Simultaneously, the worst problems with powerful nearby signals—and thus potential cross-modulation—tend to be concentrated in the lower bands . . . notably 6, 7, 9, and 11 MHz. Thus, for many "Pulser" encounters the R71's blanker in the "wide" position can be put to fruitful use.

**Notch Filter**

The R70 was originally hailed for its inclusion of a traditional listening aid largely forgotten by modern radio designers: the "notch" filter, a reverse-peaking device to eliminate nearby carriers that cause the howls and squeals that have been the traditional banes of shortwave listening.

These howls—heterodyne interference—result from the interaction of two or more nearby carriers (many modes of transmission, such as AM, CW, RTTY, and reduced-carrier SSB, incorporate carriers), the pitch of the "howl" being equal to the distance, in Hz, between the carriers. For example, if RTV Ivoirienne is on 4940 kHz and ER do Malanje is on 4941 kHz, there will be a 1 kHz (1,000 Hz) howl when both stations are propagating to your location. A notch circuit can be tuned to eliminate this noise, provided the competing carriers aren't too far apart (notch circuits only have so much "sweep"). In general, notch circuits operating within low IF values, e.g. 50 kHz or 455 kHz, perform well and have a moderately wide sweep.

The R70's notch operates within a higher IF, just over 9 MHz, and thus has a narrow sweep for use in the double-sideband AM mode. It thus operates properly only in the single-sideband mode, with operation in the AM mode being restricted to the lower sideband only.

The R71 continues with essentially the same notch circuit, except that in the AM mode the sweep is centralized and narrowed to the point that it is essentially non-functional. In the SSB/ECSS mode, operation is comparable to that of the R70, with reasonable depth and width.

Notch circuits fell out of favor with their original supporters, the manufacturers of amateur radio receivers, when suppressed-carrier SSB all but replaced AM as the preferred voice mode for shortwave "hamming". The notch's rediscovery by ICOM for shortwave listening is cause for celebration, even if in execution the ICOM notch leaves a great deal to be desired.

In a perfect world, all shortwave broadcasters would operate exactly 5 kHz apart within bands never shared with non-broadcasting services. However, neither assumption is fully valid. First, a number of stations are off-channel by reasons of choice or electromechanical happenstance. For example, in North America the BBC's powerful signal from Ascension on 6005 kHz is continually made unpleasant by the persistent signal of Radio Reloj, Costa Rica, on 6006 kHz. Second, sharing between broadcasters and other services (usually fixed, but globally referred to by hobbyists as "utilities") is increasing, thanks to the growing scramble to broadcast outside the designated international broadcasting bands. Additionally, certain broadcasting bands are shared, by international convention, with other services. For example, the tropical domestic shortwave broadcasting bands, which are of such keen interest to radio monitors and listeners, are used outside the tropical zones by fixed and other non-broadcasting services. The 41 and 75

meter international broadcasting bands also are shared with other services, notably amateur, on a geographical basis, with resulting problems. These various non-broadcasting services operate much more closely together, with what amounts to random spacing (just as on a crowded bus you stand where you can, not within some square formally marked on the floor for that purpose). So when broadcasters operate in shared portions of the shortwave spectrum, heterodyne interference becomes commonplace. One means by which broadcasters in shared bands cope with this problem is to operate co-channel to what otherwise would be a source of heterodyne interference if they adhered to the usual practice of 5 kHz separation between broadcasting channels. Thus, WYFR in the US operates on 15566 kHz, Israel on 12027.5 kHz, and so on. But, for the most part, broadcasters try to stick to 5 kHz spacing, which is orderly but compounds the heterodyne interference problem.

Thankfully, the R71 operates very well in the ECSS mode, so listeners to shortwave broadcasts degraded by heterodyne interference can simply tune to the sideband not so afflicted. However, that sideband may have interference problems of its own, so another alternative is to tune to the sideband with the undesirable heterodyne, then use the receiver's notch circuit to kill the howl.

The R70 was the first Japanese receiver to emulate the Drake tradition, exemplified in the models R-7/R-7A/R4245, of placing as many aspects as possible of the radio's operation in the hands of the operator, rather than in a microprocessor or other automated electronic circuitry. For the skilled operator, this unquestionably is more enjoyable, and at times results in improved performance over what can be obtained from more automated models. Not surprisingly, serious DXers tended to praise the R70, as they have praised the more costly Drake models, for this reason. However, program-oriented shortwave listeners—especially those not interested in broadcasts within the tropical bands—tended to shy away from the complexities of the R70's operation. The thicket of knobs and buttons that attracted the shortwave "hotrodder" simply served to intimidate the listener primarily interested in hearing a variety of international broadcasters' programs.

Additionally, the R70 was awash with operating quirks, including false frequency readouts and user-unfriendly operating procedures.

In these respects, the R71 has been markedly improved. Although the sheer number of controls continues to leave the operator feeling he is operating something more akin to a Boeing 747 than a receiver, the R71's operation is appreciably more logical and straightforward than that of the R70. Partly this results from common-sense design improvement, but in addition this has come about via the inclusion of keypad, memories, and 1-MHz-step coarse-tuning.

**Operating Controls**

Still, operation is not what it could be. First, most of the controls are crammed onto a relatively small front panel. The result is that the controls are tiny, even though they are carefully and logically laid out. Compounding this is the use of concentric controls with inner knobs of only 12 mm. diameter and outer knobs with their positions being indicated by an all-but-invisible thin red line etched against a low-contrast silvered knurled background. The noise blanker knobs are even more miniscule: a mere 8 mm. diameter.

On the other hand, the main tuning control is large and beefy, with something approximating reasonable "feel". But although it has a finger indent, that indent doesn't spin. It's a small point, and even some multi-thousand-dollar professional models use the same technique. But the Drake approach of having the finger indent spin is just another indication of how the small points of "human engineering" can make operation more pleasant.

Two holdovers from the days of the R70's quirks are the operation of the bandwidth and mode selectors.

The bandwidth selector logically should have a number of positions corresponding to the total number of available bandwidth choices. However, the R71 uses two buttons for bandwidth selection, with the way they are pushed in concert determining which bandwidth filter is to be chosen. The scheme is illogical and confusing. In practice the casual or occasional user tends to forget the manual's directions and simply pokes at the controls until the desired bandwidth is in.

As to the mode selector, it requires that the tuning knob be adjusted each time the mode is changed. It's an annoyance, and quite unnecessary, given today's microprocessor technology.

But—to put both these inconveniences into perspective—the two-button bandwidth selector is no more inconvenient than the AGC selector buttons for the Drake R-7, and retuning when switching modes is also required on the otherwise-excellent Japan Radio NRD-93 we are currently testing.

**Excellent Synthesizer**

The R71 utilizes a synthesizer that is even better than that of the R70. This quiet double-loop design is essentially "birdie-free" and operates in 10 Hz increments. Here, in this essential circuit, ICOM has done its homework. It puts to shame the synthesizers on the various Yaesu and Trio-Kenwood receivers.

Moreover, it's very stable, and a crystal oven (CR-64, not tested) is available to stabilize further the frequency reference.

Offsetting this slightly is the R71's display of the tuned frequency to the nearest 100 Hz, rather than the nearest 10 Hz that could and should be displayed. This is particularly puzzling in light of the availability of the CR-64 oven, which implicitly is intended for critical applications.

The high stability of the R71's synthesizer invites the use of ECSS reception. This technique requires not only high stability, but also high frequency resolution. The reason for this is the same as that for the notch: contiguous carriers generate interference, the pitch of which is the sum of the distance between those carriers.

When ECSS is used, the radio's internal carrier ("BFO") is superimposed over the station's transmitted carrier. To the extent the superimposition isn't perfect, the carriers interact with each other. If the carriers are 100 Hz apart, there is a 100 Hz rumble. As they move closer together, the rumble decreases in pitch until it moves below audibility. However, even below audibility the phase mismatch affects the overtones of speech and music, plus there is what amounts to fading, the rate of which—again—is equal to the separation. So, if the two carriers are 4 Hz apart, there are four fades per second generated exclusively by this mismatch.

Phase-locked circuitry can perfectly match the carriers, and this is discussed in more detail in the review of the Liniplex F1, which incorporates a particularly effective variation of such circuitry. But with a receiver, such as the R71, lacking such facilities, the listener must carefully phase the two carriers manually.

The R70, the synthesizer for which also tuned in 10 Hz increments, incorporated a receiver incremental tuning (RIT) control to allow for tuning to the nearest Hz or better. Alas, the R71 has no RIT whatsoever, so phase mismatch during ECSS reception can be up to 5 Hz.

**Mediocre Audio Quality**

This is not quite the problem it might be, but for the wrong reason. The R71's audio quality—which involves more than the audio stage and speaker—is somewhat distorted and bassy, even with adjustment to the set's continuous tone control. We rarely measure audio distortion on shortwave receivers, as most tend to fall within a 1-5% range except at higher volumes. However, the distortion of the R71 in the AM mode measures up to 30% (at 80 Hz). This is offset to some extent by the tapering off of the distortion level as the audio frequency rises. In the SSB mode, which is used for ECSS reception, distortion is still high, but reduced over that of the AM mode. On the other hand, audio output drops off during ECSS reception.

A good outboard speaker does help mask audio distortion while improving upon the mediocre performance of the R71's inboard upward-aimed speaker atop the set.

The consequences of this poor audio are, first, that listening over time is tiring and somewhat unpleasant; second, that the nuance of having ECSS out of phase by up to 5 Hz is simply not noticeable in this pedestrian audio environment. ECSS is an enhanced-fidelity technique, but the R71's audio quality is not equal to the fidelity potential of ECSS.

As a practical matter, DXers and other active radio enthusiasts with no compelling interest in audio fidelity will continue to embrace the R71 as they have the R70. However, the more program-oriented shortwave listener is likely to continue to favor the Sony ICF-6800W, which provides a better balance of overall performance and audio fidelity.

The R71 incorporates three tuning rates for the main tuning knob, plus a scanner for fast tuning. The slowest rate, 10 Hz, is excellent for very precise tuning, such as ECSS reception. The fastest rate, 1 kHz, combined with the kHz-per-revolution ratio, is swift indeed. As to the handy 100 Hz rate of the R70, this has been replaced by a 50 Hz rate that switches in automatically when the tuning knob, in the slow tuning rate, is turned quickly. This variable-rate incremental tuning (VRIT) system has long been a favorite of communications receiver designers, but draws little enthusiasm from users. That of the R71 is no exception. A manually-selectable 100 Hz—or even 50 Hz—tuning rate would be preferable, and not incidentally would fit in more logically with the R71's design philosophy of keeping control over receiver operation in the hands of the operator, rather than some automatic electronic circuit.

**Improved Dynamic Range**

A common complaint from European users of the R70 concerns its seemingly low dynamic range. The worst cases of this appear to have resulted from variable quality control at the ICOM factory. However, our tests indicate that the R70 is unusually susceptible to cross-modulation from nearby—as opposed to distant—signals.

Thus, for listeners in parts of the world, notably Europe and North Africa, laden with very powerful signals, the R71's superior strong-signal handling capability makes it preferable to the R70. However, for those in other parts of the world, the R70's dynamic range should be more than adequate, leaving the consumer to choose based on the other aspects of each model.

**Alignment Variability**

The R70 has suffered from high sample-to-sample variability in performance, most of which has been traceable to misalignment and sloppy assembly. Reports have filtered to us suggesting that ICOM has improved production control, and indeed the worst of the problem appears to have been relegated to history. However, judging from our test samples, there is considerable room for improvement. One sample, new, arrived with the loudspeaker inoperative. Measurements from sample-to-sample differed considerably due to variances in alignment. Conversely, the two EEB samples (realigned) gave consistent—and better—readings. The moral thus appears to be the same with the R71 as it has been with the R70: either purchase it from a vendor that will realign it before the purchase—and is familiar with such realignment—or take your chances. If you are familiar with electronics servicing and can obtain the ICOM service manual, you should be able to do this yourself, and in the process gain a greater understanding of the receiver and its potential.

Unfortunately, in most parts of the world, the R71 with this sort of "prepping" must be imported from countries where such realignment is available. Perhaps some of the more technically-minded clubs can offer this service to their members, or induce domestic vendors to perform this service at reasonable cost. The tragedy is that the individual listener is likely to detect most such problems only if they are so serious as to be clearly evident. The typical diminution of performance from misalignment is such that the set doesn't live up to its potential—something that rarely can be ascertained except when a properly-performing sample is alongside for A-B comparison.

In fairness to ICOM, some of this difficulty is inevitable when complex innovative products are designed. Sony—another innovative manufacturer—also has had relatively high sample-to-sample variation in its certain of its shortwave radios, whereas Matsushita (National Panasonic)—which prides itself in not being first with a new concept—turns out radios with above-average quality control.

Reports of R70 front ends becoming damaged by static electricity serve to underscore that static electricity is a fairly common source of damage to shortwave radios. If you have an outdoor antenna or the AC mains wiring for your community is above ground, almost inevitably your receiver will be subject, sooner or later, to potentially-damaging static discharges. Lightning, even some distance away, creates powerful charged fields of inductive current that act as mini-lightning bolts going into your receiver. Similarly, snow and sand storms can create static buildup along an antenna, with the same result.

One solution is to connect an outdoor antenna only when potential hazards are not in the vicinity. More practical is to connect a gas (*not* spark gap) static protector to your external antenna. These only cost $20-30 and are available at radio stores or from manufacturers (e.g., Alpha Delta Communications, Inc., P.O. Box 571, Centerville OH 45459 USA; R.L. Drake Company, 540 Richard Street, Miamisburg OH 45342 USA).

As to overhead AC wiring, a direct lightning strike to the wiring feeding your house can result in complete destruction of your radio (and other electronic devices), even when it is turned off. Lightning leaps across the contact points of an on-off switch, so the only meaningful solution where AC wiring is overhead is to unplug prized electronic appliances when lightning is nearby.

In most other respects, the R71 is comparable to its R70 predecessor. AGC response times are appropriate; the preamp provides welcome gain for DXing without seriously degrading dynamic range; the signal strength meter is good, with calibration both in "S" units and for the SIO reporting code (but the needle does fluctuate with modulation peaks); AC voltage is changeable only via internal rewiring (a moot point except for international travel); 12V DC is available as a wired-in option; and the elevation rod continues to be flimsy and lacks rubber

sheathing to protect table tops.

Options not already covered include communications frequency modulation reception; synthesized voice frequency readout (for blind listeners); and wireless remote frequency control. We tested none of these.

In the final analysis, the R71 is the best new receiver on the affordable side of a Japan Radio NRD-515, provided it is properly aligned and the audio distortion is acceptable to your ears. R70 owners in Europe and North Africa who have had difficulty with excessive cross-modulation may wish to consider the R71 (or realignment of their R70's) as an alternative. However, those in other parts of the world who have become accustomed to the R70's operating quirks are unlikely to find the improvements in the R71 of real moment, whereas they may consider the R71's audio to be a letdown.

In West Germany, the R71 tunes only from 0.15-26.1 MHz, rather than the 0.1-30 MHz usually covered. The Australian version covers only 2-30 MHz in order to qualify for a lower import tariff. However, in both instances the full 0.1-30 MHz coverage can be restored by reprogramming of a RAM within the receiver.

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**ICOM IC-R71—EEB MODIFIED**

Electronic Equipment Bank, 516 Mill Street, Vienna, VA 22180 USA; Tel: [toll-free within US] (800) 368-3270. [elsewhere and VA] (703) 938-3350. Warranty (extended): six months. Suggested Retail Price: Basic R71A: US$659.00. Realignment/burn in/extended warranty: US$40.00. Upgraded front end/preamp: US$35.00. Audio power increase: US$35.00. MF-455 mechanical variable bandwidth filter for 3 kHz "narrow" bandwidth: US$95.00, installed. Price reductions when multiple options purchased.

**HIGHLIGHTS:**

**Advantages** (over standard R71): Reduced sample-to-sample variation. Improved performance. Lengthened warranty period.

**Disadvantages** (over standard R71): Added cost.

**Overall:** Usefulness of modifications depends on individual listening situation, but realignment package unusually useful.

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A shortcoming of the ICOM IC-R70, and to some extent the newer IC-R71, has been what is broadly referred to as quality control. This rubric may have been apt for the R70, but a more precise term for the R71's situation is casual factory alignment. Samples with defective circuits and the like do not appear to be significantly more common with the R71 than they are with comparable models from most other manufacturers.

However, suboptimal alignment can be more insidious than defective circuitry. The radio may appear to be performing normally, yet not be yielding the results that it should. The buyer may conclude that the model itself—rather than the sample—is mediocre.

There are many technical reasons why factory alignment tends to be casual, but the root cause is money. Every model has to incorporate compromises if it's not to be priced out of the market and suffer the fate of the excellent, but costly, Drake R-7A.

With the R70 and R71, the need to cut costs is more considerable than it is with lesser receivers. Both models easily outperform most competing models—thanks not only to good engineering, but also to some complex and costly circuitry. If this seems crass and unnecessary, ask yourself whether you would consider, instead, the purchase of a meticulously-assembled, semi-professional Japan Radio NRD-515. In the US, the R71A's suggested retail price is $799; that of the '515 is $949 . . . only 19% more. Yet, in the US the '71 outsells the '515 by a factor of several times.

Fortunately, there is a way to have your cake and eat it, too . . . at least if you live in North America. For $40, Electronic Equipment Bank provides post-factory alignment for any 'R71, whether purchased from them or not, then follows this up with an extended "burn-in" to shake out any potential defects. Although test measurements from factory '71's have tended to vary from sample-to-sample, the three EEB-aligned units we have tested at International Broadcasting Services all performed consistently and near the model's potential. Also included in the $40 price, if the receiver is new, is a 6-month warranty (i.e., the 90-day ICOM warranty plus another 90 days via EEB).

Another problem with the R70 has concerned excessive cross-modulation, particularly in such locations as Europe, where field strengths frequently are considerable. By redefining how dynamic range should be measured, we have found that by the standard measurement the R70 has a reasonably good dynamic range figure. But when measured at narrow signal separation points, the '70's dynamic range falls off considerably. This is, of course, in addition to the problem of reduced dynamic range resulting from samples not precisely aligned at the factory.

The standard R71 has improved upon this, and EEB has carried the process further. The result is that the EEB R71's dynamic range is as improved over that of the factory '71 as the factory '71's is over that of the '70. This puts the EEB '71's measured dynamic range in the same league as that of the Drake R-7A or Japan NRD-515. The pity is that this sort of front end enhancement isn't more easily available in Europe, where it would be especially helpful.

Also included in EEB's front end offering is a modification to allow the preamplifier to operate below 1600 kHz. On the face of it, the improved dynamic range resulting from the EEB front-end modification should help make this feasible, for with the factory version's dynamic range the additional cross-modulation resulting from the preamplifier gain could wipe out any benefit resulting from enhanced sensitivity. However, in practice, at the wider channel spacing on MW (9-10 kHz), as opposed to SW (5 kHz), the differences between the factory and the EEB versions' dynamic ranges is relatively small except for reception of "splits" (stations on other than the channel standard of your region). Accordingly, while the ability to activate the preamplifier for mediumwave and longwave is a manifestation of respect for the listener's discretion, in practice this option should be used sparingly—such as for faint "splits"—unless your personal experience suggests otherwise.

For normal reception of radio signals, the audio power of the R71 is adequate, even if the distortion level is not what it could be. However, ECSS reception is compromised by relatively limited audio output. EEB informs us as we are going to press that it has overcome this by altering the audio to produce nearly twice as much gain. We haven't tested this, but if it works as EEB has indicated it would appear to be worthwhile for those listening regularly in the ECSS mode.

ICOM offers a number of options, including the FL-44 filter, all of which are available through any ICOM dealer. The FL-44 replaces the wide-skirted ceramic filter that comes standard for the variable-bandwidth (PBT) in the "narrow" position. Our tests of the FL-44 in the '70 and '71 indicate it is a superb device, but pricey at $159.00 plus installation. For those seeking this sort of improvement at less cost, EEB also offers a mechanical filter, the MF-455. Our tests indicate that the MF-455 is a considerable improvement over the basic factory unit's ceramic filter, although not quite the equal of the FL-44. Still, the MF-455 provides the sort of skirt selectivity typically found in semi-professional receivers, so most listeners should be more than satisfied with its performance.

One of Electronic Equipment Bank's early modification options simply substituted a narrower version of the same mediocre wide variable-bandwidth filter that comes standard from the factory. Whether this can be considered an improvement is open to question. It's a bit like choosing between mounting a defective tire on the front *vs.* the rear wheels of a car. Generally, the rear is preferable, but the proper solution is to get a new tire. However, the point is now moot, as EEB informs us that the replacement filter is no longer available. Should the filter again become available, we recommend you avoid it.

For Europeans and mediumwave DXers, the front end upgrading should prove attractive. Those using active preselectors or other forms of high-gain antenna input should also find an upgraded front end to be useful in extending useable sensitivity. For DXers and others who make use of narrow IF bandwidths—especially when receiving via ECSS—either the MF-455 or the FL-44 are a marked improvement over the factory-standard ceramic filter in the PBT circuit. But, in all, realignment is the one thing that unquestionably is useful regardless of to what purpose the set is being put.

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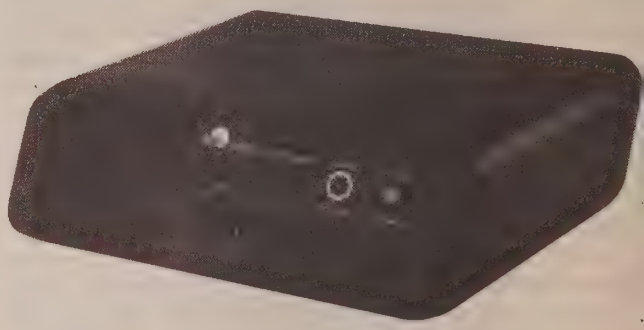
**LINIPLEX F1**

Phase Track Ltd., 132 Queens Road, Reading, Berks RG1 4DG, England; Tel: (0734) 53933. Radio West, 3417 Purer Road, Escondido, CA 92025 USA; Tel: (619) 741-2891. Gilfer Shortwave, Box 239, Park Ridge, NJ 07656 USA; Tel: (201) 391-7887. Suggested Retail Price: (UK) £525, including crystals, battery charger, and external dipole antenna. Prices outside UK vary according to the prevailing foreign currency exchange rate.



**HIGHLIGHTS:**

**Primary Advantage:** Exceptional ability, when properly configurated, to provide enhanced-fidelity reproduction of shortwave broadcasts with minimal effects from fading and interference.

**Primary Disadvantage:** No tuning facility beyond selection of up to nine crystal-controlled shortwave channels.

**Overall:** The F1's performance is commendable when the unit is connected to a good external antenna. When a suitable external audio amplifier/speaker is also used, results can be exceptional and shortwave broadcast listening pleasure enhanced over what one customarily expects from the shortwave medium.

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Phase Track, a British firm, has produced an unusual little shortwave receiver in the Liniplex F1. It is about the size and weight (1.85 Kg, or 4 lbs.) of a typical portable set, and it is operated from rechargeable batteries. The receiver has only five front panel controls, plus three more in the rear, so obviously it is not aimed at the knob twiddler.

Upon closer inspection we see some more unusual aspects of the F1. First, although the receiver has most of the obvious attributes of a portable, it is not quite portable in the usual sense. It uses self-contained batteries and a speaker, but has no carrying strap or built-in antenna. In order to work properly, it requires (and comes standard with) a tuned or other reasonbly high-gain external antenna—hardly what you would expect from a portable.

Also, if you look for the usual tuning control, it's not there, for good reason: the F1 only tunes a maximum of nine preset channels. These are crystal-controlled channels—that is, not programmable by the user. So if you wish to change frequencies, you have to order new parts from the factory or dealer.

The Liniplex F1, therefore, is not a receiver for the bandscanning listener. But for the person who wants to listen to a limited number of favorite stations, and appreciates audio quality of a higher caliber than most shortwave sets offer, the receiver could be a suitable choice.

**Overcoming Shortwave's Drawbacks**

Let's consider for a moment the matter of pleasant listening. As we all know, one of the great drawbacks of shortwave is that it can grate upon the poor listener's ears. Stuck in with what we are trying to hear are all matter of gremlins, from interference to fading to distortion.

Shortwave signals normally are transmitted in the double-sideband, full-carrier mode, receivable on relatively simple receivers using what is known as diode detection. Double-sideband (DSB) means that signals have three components: two mirror-image sidebands and one carrier. Single-sideband (SSB) signals, which amateur radio operators and others have used for years, have only one of those components—a sideband—and yet can accomplish the same things as double-sideband, full-carrier transmissions.

SSB has some important advantages. It uses less energy to transmit and it's slim, taking up only half the radio spectrum of conventional DSB broadcasts. This would mean, if SSB were to be widely adopted by broadcasters, less crowding on the shortwave bands; hence, less interference and more pleasant listening experiences.

What has slowed progress toward single-sideband broadcasting on shortwave has been the lack of inexpensive and easy-to-operate receivers which will tune SSB. Phase Track, in its Liniplex offering, has met the second criterion, if not that of low cost.

For some years, International Broadcasting Services

has been alluding to the possibility of radio manufacturers getting this situation off dead center by incorporating circuitry within shortwave radios to allow them to receive—automatically—double-sideband, full-carrier signals as though they were single-sideband. This step would do two things: first, it would allow for a significant improvement in the listenability of existing DSB signals. Second, it would allow a growing number of listeners to be able to tune at least some types of single-sideband signals, and in so doing, whittle away at the broadcasters' reluctance to switch to SSB, by creating larger potential audiences.

There are varieties of single-sideband. One calls for the carrier to be fully suppressed; another leaves a weak residual carrier; and yet another has the carrier at full strength. Now, if broadcasters shift over to suppressed-carrier single-sideband, they will almost certainly do so by preceding this with intermediate steps consisting, first, of full-carrier single-sideband, then with gradual reductions in carrier strength. If a receiver is designed to lock onto a full carrier of a DSB signal, it will also work with a full-carrier single-sideband signal. In reality, the ability of a receiver to lock into progressively weaker carrier levels is a bit more involved, but once the principle were put into popular practice, the enhancement of that type of circuitry to allow for locking in on varying carrier levels would be both technically feasible and likely from a marketing standpoint.

An add-on device to accomplish this has been marketed for some time by the US firm of Sherwood Engineering. It attaches to high-caliber communications receivers and provides luxurious improved-fidelity performance for the perfectionist. But the device and the radios it will work with are costly, and the configuration can hardly be termed simple to operate.

Later, Eska Elektronik of Denmark came up with a simple, handheld shortwave portable incorporating these advances. However, both the radio and the special circuitry had drawbacks. We might add that the British firm of Racal some years back produced a costly professional communications receiver with these facilities available as an option.

**Improved Reception Technique**

All of this brings us back to the Liniplex F1. This receiver has come up with a highly effective means for tuning ordinary shortwave broadcasts as though they were single-sideband. Phase Track terms this "flywheel tuning," which is not an inappropriate rubric, considering how the receiver goes about its task by audibly seeking out, then zeroing in on, the signal.

As we mentioned earlier, standard shortwave broadcasting signals have two sidebands, each of which carries the same program content, and a carrier. Consider the carrier as a blank piece of paper and the sidebands as ink placed upon that paper to deliver information. Now there is nothing, except frequency, to distinguish one carrier from another, so there is no reason why it cannot be generated within the receiver itself, rather than at the transmitter. If this were done, then the carrier wouldn't be subject to disruptions over the long transmission path. And since both sidebands carry identical program material, there would be no need to receive more than one.

So what Phase Track has done is to create a carrier within the F1 receiver and exalt it over the carrier transmitted by the station you are trying to hear. You can actually hear the set's beat frequency oscillator (BFO) zeroing in on the transmitted carrier. The receiver is equipped to pick up either or both of the two transmitted sidebands of the conventional DSB signal. The reason that this ability to select one sideband over another is so useful is that the shortwave broadcasting bands are so dreadfully overcrowded, with the result that adjacent-channel interference often ruins an otherwise-listenable signal. If a receiver can choose between sidebands, it can receive the sideband that is less disturbed by adjacent interference. So if Radio Canada International on 17820 kHz is disrupted by jamming interference from 17815 kHz, RCI's lower sideband—the one nearer 17815—may be badly disrupted; but the upper sideband—which is somewhat farther away—may be free from interference altogether. Obviously, hearing only the quieter sideband, rather than that one plus the one disrupted by interference, is more pleasant.

As the receiver's carrier is exalted over the transmitted carrier, and the sidebands are selectable, this reception technique is called exalted carrier selectable sideband (ECSS).

Conventional efforts at automated ECSS reception have relied on phase-locking techniques which synchronize (ECSS-s) the station's transmitted carrier with the carrier generated within the receiver. This works fine, but there is a tradeoff between what is called "lock-in depth" and "lock-in width." Lock-in depth refers to the ability of the transmitted and locally-generated carriers to stay in perfect phase—which is important if the audio is to sound realistic. Lock-in width refers to the tuning range within which the receiver will automatically lock onto the transmitted carrier. A wide lock-in width makes it easier for the listener to tune in properly, as the adjustment is far less precise than if the width were very narrow. However, the wider the lock-in *width,* the less the lock-in *depth.* If you don't have enough lock-in depth, the receiver will make croaking and other peculiar sounds during deep signal fades. On shortwave, such fading is common. Lack of adequate lock-in depth thus was a major drawback of the Eska handheld portable mentioned earlier.

Phase Track has overcome this tradeoff dilemma by means of an innovative technique. The F1 has a relatively wide lock-in width, but it *memorizes* the exact frequency of the station so that if lock is momentarily lost, the receiver holds that frequency during the fade. So with the F1, we don't get any odd sounds during fades. Instead, it produces a clean signal with less degradation from the effects of fading and interference than is possible with nearly any other receiver available.

For this reason, the British Forces in the Falkland Islands and elsewhere make use of the Liniplex F1 to receive shortwave signals from Great Britain for retransmission locally. We tried something similar, with the cooperation of New York FM radio station, WFME. The station used an F1 to pick up the BBC World Service for retransmission, to good effect.

**Other Findings**

The F1 does not make use of a frequency synthesizer—the designers' opting instead for the tried and true notion of using individual precision-ground crystals to establish frequencies. Phase Track says the choice was made to avoid phase noise from a synthesizer. Indeed, this can be a problem. But multiple-loop frequency synthesizers in receivers such as the ICOM IC-R71 and the Japan Radio NRD-515—which are largely free from such difficulties—show they need not be inherent, given proper design.

The F1 incorporates only one IF bandwidth. Although this is well chosen with a high-caliber filter, it is a disappointment that an enhanced-fidelity device such as this does not provide the user with a range of options from which to choose. Such a choice would allow the listener to obtain the widest possible frequency response *vis-a-vis* adjacent interference.

# POINT-BY-POINT: HOW FU

Listed in order of estimated ov

E = Excellent
G = Good
F = Fair
P = Poor
Y = Yes
N = No
X = Not Tested
A = Built-in Antenna(s)
B = Internal Batteries
C = 24h Clock/Timer
H = Handle, Carrying
S = Internal Speaker

| | OVERALL PERFORMANCE | | | | | | CONVENIE | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | OVERALL RATING, SWL | OVERALL RATING, SWDX | OVERALL RATING, ECSS/ECSS-s | OVERALL RATING, SSB (J3E) | OVERALL RATING, MW | OVERALL RATING, FM (88-108 MHz) | SIMPLICITY OF OPERATION | PROGRAMMABLE SW MEMORY CHANNELS | KEYPAD TUNING | KNOB TUNING |
| **TUNABLE MODELS** ICOM IC-R71—EEB MODIFIED[1] | GE | EG | G (ECSS) | EG | EG | — | F | 32 | Y | Y |
| ICOM IC-R71[4] | GE | GE | G (ECSS) | GE | GE | — | F | 32 | Y | Y |
| GRUNDIG SATELLIT 600 | G | F | F (ECSS) | GF | G | GE | F | 32 | Y | Y |
| BEARCAT DX1000 | GF | FP | F (ECSS) | GF | F | — | G | 10 | Y | Y |
| | | | | | | | | | | |
| | | | | | | | | | | |
| **FIXED-FREQUENCY MODEL** LINIPLEX F1 | E/P[6] | G | E (ECSS-s) | X | — | — | E | N[7] | N | N |

1. INCLUDES ALL MODIFICATIONS TESTED (SEE STORY).
2. VARIABLE-BANDWIDTH SUPPLEMENTS 6/2.3 kHz FIXED BANDWIDTHS.
3. SKIRT SELECTIVITY FOR FIXED BANDWIDTHS ONLY.
4. WITHOUT FACTORY OPTIONS, SUCH AS FL-44 FILTER.

# ZE RECEIVERS COMPARE

as shortwave listening devices.

| | SHORTWAVE PERFORMANCE CHARACTERISTICS | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| SELF-CONTAINED FEATURES | VOICE IF BANDWIDTHS (kHz @-6dB) | SKIRT SELECTIVITY | SENSITIVITY | DYNAMIC RANGE (@ 5kHz) | STABILITY | IF NOTCH FILTER | AUDIO QUALITY | LW/MW/SW FREQUENCY COVERAGE (MHz) (US VERSION) | FREQUENCY READOUT |
| S | 6[2]<br>2.3 | E[3] | EG | GE | GE | −3 kHz LSB<br>−3 kHz USB | F | 0.1-<br>30.0 | DIGITAL<br>XX.XXX.X MHz<br>FLUORESCENT |
| S | 6[2]<br>2.3 | E[3] | EG | G | GE | N | F | 0.1-<br>30.0 | DIGITAL<br>XX.XXX.X MHz<br>FLUORESCENT |
| B,C,H,S | 5 5<br>3 | G | E | —[5] | G | N | G | 0.15-0.42<br>0.51-26.1 | DIGITAL<br>XX.XXX MHz<br>LCD |
| B,C,H,S | 7<br>2.7 | G | G | P | G | N | F | 0.01-30.0 | DIGITAL<br>XX.XXX MHz<br>LED |
| | | | | | | | | | |
| | | | | | | | | | |
| S | 3.7 | E | F | —[8] | GE | N | F[9] | 2.0-26.5 | N |

. COULD NOT BE MEASURED AT 5 kHz, BUT INFERIOR AT GREATER SEPARATION.
. P, INASMUCH AS CANNOT BE TUNED; OTHERWISE, E.
. NINE CRYSTAL-CONTROLLED (NON-PROGRAMMABLE) CHANNELS.
. COULD NOT BE MEASURED AT 5 kHz, BUT SUPERIOR AT GREATER SEPARATION.
. IMPROVES TO E WITH SUITABLE EXTERNAL AMPLIFIER/SPEAKER.

Dynamic range and skirt selectivity of the F1 are quite good. In principle, broadbandedness could cause difficulties under strenuous conditions, such as within the 49 meter band in Europe at night with a high gain antenna. But, in practice, we encountered no deleterious effects along those lines.

Perhaps surprisingly, the F1's sensitivity is quite low relative to other sets tested. This all but guarantees it won't overload under all but the most extreme conditions, but it does make a good antenna virtually essential. Although Phase Track recommends against amplification between the antenna element and the receiver, under certain conditions the inclusion of an active preselector (cf. following article) may prove to be helpful.

The receiver's four front panel knobs are the channel selector, marked 1 through 9; a switch to select upper or lower sideband or double sideband; a fine tuning or clarifier control; and a volume control. Just above the last mentioned is a small red on-off button. And above the fine tuning control is a mini-jack for earphones.

The knobs themselves are tiny and set closely together. Still, they operate smoothly, and the soft, round rubber texture is especially pleasing to the fingers—tactilely a minor, but papillary touch of human engineering.

The rear panel consists of a socket for an AC adaptor/charger, DIN audio output socket, two antenna inputs, a ground input, and three tiny switches clearly not designed for regular usage: antenna impedence (high or low), tracking (on or off), and automatic gain control (AGC) decay (fast or slow). Those who prefer to change the AGC setting regularly will find that the only practical way to adjust this recessed non-DIP switch is with the tip of a ball-point pen or similar probing object.

The F1 has a tiny—and, unfortunately, tinny—speaker which is totally inappropriate for a receiver designed for improved shortwave audio quality. It is best, therefore, to use the DIN audio output jack at the rear of the set to feed a decent audio amplifier and speaker.

The battery charger nominally should work equally well on 115 or 230 volts AC. However, the use of the former voltage requires a painfully long recharge time.

The F1 does not cover FM, which is not surprising, or mediumwave, which is surprising. ECSS is especially well-suited to eliminate distortion resulting from selective fading. On mediumwave, this can be a real drawback to listening evenings, especially in local fringe reception zones where the ground wave and sky wave sometimes cancel each other out because of the phase mismatch resulting from the slightly differing distances the two types of waves travel.

For most shortwave listeners and nearly all DXers, the limitations of the Liniplex F1 are obvious and considerable. But the F1 is well-suited for use by broadcasters for pickup for retransmission, as well as for aurally-fastidious SWL's who tend to tune the same limited number of frequencies regularly. It is foolproof to operate, with not even a synthesized tuning circuit to go wrong or memory batteries to fail. It is well-built and easy to use. It lacks programmable operation for switching frequencies at predetermined times, but since conditions vary from day to day and night to night, it may well be better to trust in human personnel to choose among the available frequencies to provide optimum reception.

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**SONY ICF-2001D/ICF-2010**

Addresses, Warranty: Cf. Sony AN-1. Retail price: (USA) $329.95.

As detailed in the review of the Liniplex F1 elsewhere in this article, exalted-carrier selectable sideband (ECSS) has a number of advantages over conventional reception techniques. However, it is neither easily nor optimally accomplished manually.

To get around this, phase-locked circuitry can be used to synchronize the receiver's fade-free internal carrier with the more problematic carrier transmitted by the station being tuned. This has been accomplished before by Racal, and more recently by other European manufacturers of specialized equipment. Now Sony plans, in 1985, to be the first major manufacturer of consumer electronics to incorporate this beneficial reception technique in one of its products.

Due out in early 1985, the forthcoming model ICF-2001D (sold in the US as the ICF-2010) is to be Sony's first receiver with synchronous exalted-carrier selectable sideband (ECSS-s). Just before the **Handbook** went to press, we took a brief look at two pre-production prototypes of the '2001D/2010. Although in various respects these may differ from what finally emerges from the production line, we were able to glean a few facts that should serve to give a rough idea of what Sony is up to with this unusual receiver.

A midsize portable with dimensions as those of the discontinued ICF-2001, the '2001D/2010 has been carefully designed for ease of tuning ECSS. The lock-in width is very broad—something in the order of 2 kHz—yet, the receiver does not lose lock easily during fades. A tuning knob has been restored after being omitted from the earlier '2001—a major plus for bandscanners. It tunes in either 100 Hz or 1 kHz increments, albeit with a soft "thoop" for each increment tuned. The liquid crystal display includes the frequency reading to the nearest 100 Hz, various operating data, and a 24/12 hour digital clock that also serves as a programmable on/off timer. All the possibilities of this timer are not immediately evident (we had no instructions or manual of any sort), but it would appear that it can be set to go on at various times of the day for cycles of predetermined length, e.g. fifteen minutes.

**Straightforward ECSS Tuning**

The ECSS-s tuning arrangement could hardly be more straightforward. The sideband being received is indicated by a pair of LED's. To tune the upper sideband in ECSS-s, the station is tuned conventionally, i.e., onto the exact carrier frequency (e.g., 15070.0 kHz). The lower sideband is obtained simply by detuning the set —100 Hz (e.g., 15069.9 kHz). Generally, this works well, although the wide lock-in range can cause confusion when there are competing carriers nearby. In practice, this is not common and usually is remediable via judicious diddling with the tuning knob.

The front panel is awash with little pushbuttons for multitudinous functions, including programmable channel memories. Also included is coverage of the VHF aeronautical band—a clue that this model is, in fact, targeted to the travel and scanner enthusiast markets. However—somewhat mystifyingly for the first popular model to embrace advanced-fidelity technology—the only tone control is a three-step slide switch on the side.

**Radio Performance**

Unfortunately, for all this attention to detail and features, the radio performance of the two prototypes checked out was substandard. Similar results have been reported by a European colleague familiar with the model. However, Sony has indicated a keen interest in remedying this before production commences.

In early 1985, International Broadcasting Services will present a comprehensive report on the final production version of the Sony ICF-2001D/ICF-2010 in the **World Radio TV Handbook Newsletter** and **Radio Database International** publications.

# WRTH TESTS SIGNAL-BOOSTING ACCESSORIES

by

Lawrence Magne

Although the majority of modern communications receivers have adequate sensitivity for most shortwave listening and DX applications, there are situations in which an additional boost may be helpful. Apartment or hotel dwellers, for example, rarely have space to string up an outdoor inverted-L or trap dipole SWL antenna. And DXers always seem to crave additional dollops of sensitivity in the hope of flushing out yet another rarity. Ethnic listeners, especially during the daytime, may also find their favorite, but feeble, home-service or national station to be mixed in with receiver circuit hiss. For these sorts of listeners and others, a signal-boosting accessory can produce a welcomed improvement in signal audibility. For those with single-conversion receivers, preselection circuitry found on certain signal-boosting devices can greatly reduce the dit-dit-dah of "image" interference.

Signal-boosting accessories are divided into two general categories: **active antennas** and **preamplifiers.** An active antenna consists of a short stainless-steel or other antenna element, followed by a stage of electrical amplification. The purpose of this amplification is to boost the anemic signal trickling from the small untuned antenna.

A preamplifier is essentially an active antenna *sans* the antenna element. An external antenna (not provided as part of the preamplifier package) is connected to the preamplifier to boost the signal before it is fed into the receiver.

Many preamplifiers and some active antennas also come equipped with *preselection* circuitry. Although preselection complicates tuning—more knobs must be twiddled—it usually results in an improvement in receiver image and spurious-signal rejection . . . and possibly dynamic range, as well. However, when preselection is combined with preamplification, the results may not always be positive. The additional signal level coming into the receiver may result in overloading not previously encountered; plus the amplifier itself may be noisy, or may possess a level of dynamic range less than that of the receiver, thus downgrading overall dynamic range.

This may make more sense if we think of the manner in which successful receivers are designed. The earliest possible post-antenna stage of a receiver is the RF stage, followed by a mixer. In general, the earlier in the input chain amplification is applied, the poorer the dynamic range. Of course, there has to be amplification—lots of it—or we wouldn't hear the signal. But with the best designs, there is no RF stage whatsoever, or at most a switchable inboard preamplifier or variable-strength RF stage with modest maximum gain. When an outboard preamplifier is added, what is being done, in effect, is to incorporate an external RF stage that the receiver's designers felt was best left out if a given balance between sensitivity and dynamic range were to be achieved. By adding amplification, you upset this balance.

Still, most good communications receivers (but few consumer portables and "tabletops") are designed to accept highly effective passive (unamplified) antennas. To the extent that the end result of an active antenna is a signal level not appreciably greater than that which would be achieved were an optimum passive antenna in use, an active antenna is not likely to disrupt this balance appreciably.

Outboard signal-boosting accessories have other potential shortcomings, as well. Those who listen near radio or TV transmitters of any sort should be prepared to expect difficulties, especially with certain models, resulting from the penetration of these transmissions into the desired portion of the shortwave spectrum. Too, these accessories do not connect properly to some portables.

Who should buy? Assuming your listening situation makes the idea of purchasing a signal-boosting device attractive, the next question is whether your receiver is equal to handling the resulting additional signal input. The best way to forecast this is to study the dynamic range findings in the shortwave receiver tests in the **World Radio TV Handbook,** the **World Radio TV Handbook Newsletter,** and **Radio Database International.**

One alternative is not to buy. If you are fortunate enough to have ample land for a good passive antenna, you will almost certainly find that this provides a better signal-to-noise ratio than even the best of active antennas. Properly designed and erected tuned passive antennas, such as outdoor trap SWL dipoles, usually provide superior performance . . . if your ear, and not your signal strength meter, is the ultimate guide. Following such an antenna by an active preselector may be perfectly acceptable, depending upon the specifics of the configuration, although the combination of a good unamplified antenna and first-rate communications receiver usually makes an intermediate amplification device unnecessary. But should you switch in signal-boosting, you will find the result of a carefully peaked wire-antenna/preselector combination to be superior to that of an otherwise-comparable broadbanded active rod antenna. First, almost any properly installed high-caliber passive antenna is superior to a short antenna element in producing superior signals for boosting. Second, peaking active preselector amplification to the tuned frequency greatly reduces the likelihood of disruption resulting from internally generated signals and cross-modulation.

Too, if you are using a random-length antenna, such as the ubiquitous inverted-L (so-called "long wire"), you can improve its performance by the use of a passive antenna tuner. This simply resonates—or tunes—the antenna to match the received signal from the antenna to the impedance requirements of the receiver. In so doing, it allows the antenna/receiver configuration to perform at nigh-optimum efficiency.

You may wish to avoid active antennas with the sole element being attached to the amplifier cabinet (which is why we tested the Arcomm AP4 as an active preselector, rather than an active antenna). The reasoning behind this is that any antenna element works best if placed in the clear—away from structures, appliances, utility wires, and the earth . . . certainly not within a room, smack amidst a congeries of radios, wiring and electrical accessories. *Inter alia,* the digital frequency counter on your receiver and that 24-hour digital clock you just purchased can cause your shortwave receiver to give you an inop-

portune earful of digital-circuit "whine" should the shortwave antenna element be nearby.

Of course, no portion of an active antenna—or any other antenna—should ever be placed in proximity to electrical power lines. If lightning is a potential problem, consider the purchase of a gallium arsenide (*not* spark gap) static discharger, such as is produced by the R.L. Drake Company (540 Richard Street, Miamisburg, OH 45342 USA) and Alpha Delta Communications, Inc. (Box 571, Centerville, OH 45459 USA).

Thus, with a signal-boosting device there is much more than the gain figure to consider. In the following test reports, you'll find the results for those factors that we at International Broadcasting Services have found to be helpful in making a sensible purchasing decision.

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## ACTIVE PRESELECTORS

### ARCOMM AP4

Arcomm Electronics, 24 Valley Street, Lewistown, PA 17044 USA; Tel: (717) 248-7739. Warranty: No written warranty enclosed with new unit tested. Suggested Retail Price: (US) $89.95, including outboard AC mains power supply.

**HIGHLIGHTS:**
**Advantages:** Broad frequency coverage. Relatively high gain. Very good dynamic range. Also functions as a passive preselector.
**Disadvantages:** Noise factor only fair.
**Overall:** A good all-around performer.

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The recently-introduced Arcomm AP4 provides good gain throughout the shortwave spectrum, with relatively limited valleys and peaks. It also tunes the mediumwave AM band. Its dynamic range is very good, and its ability to reject images is more than satisfactory.

On the other hand, the noise factor is only fair. In practice this should not be a significant problem with the majority of midpriced receivers, many of which are not quiet, anyway. Too, natural static tends to make this moot within the lower (e.g., tropical) bands.

The AP4 is laden with useful features. Up to four antennas and three receivers may be accepted. One of these antennas may be of high-impedance, such as an inverted-L—the most common antenna design in use for shortwave listening. Knobs are of reasonable size and generously laid out, making operation a pleasure. A telescopic antenna is included, although this sort of "active antenna" design can hardly be recommended (see introduction to this article). An outboard AC mains power supply is included, and operation is also possible from an inboard 9V battery. Given that the AC power supply is outboard, virtually any local AC mains voltage can be accommodated via the use of a locally-purchased power supply with properly-polarized and rectified 9V DC output.

The AP4 is particularly commendable in that it functions as a passive preselector when the amplifier is switched out. The advantages of this are alluded-to in the introduction to this article.

Overall, the AP4 is one of the best active preselectors we have tested at International Broadcasting Services, as well as a thrifty alternative to the $199 McKay Dymek DP 40 passive preselector.

### MIZUHO SX-3

Mizuho Communications Co., Ltd., 2-8-6 Morino, Machida-City, Tokyo 194, Japan; Tel: (0427) 23-1049. ACE Communications, Inc., 22511 Aspan Street–B, Lake Forest, CA 92630-6321 USA; Tel: (714) 581-4900. Warranty: No written warranty included with new unit tested. Suggested Retail Price: (US) $99.50, including inboard AC mains power supply.

**HIGHLIGHTS:**
**Advantages:** Very quiet. Excellent image rejection. AC mains power supply inboard.
**Disadvantages:** Does not tune below 3 MHz. Gain only fair throughout much of shortwave spectrum. Lacks high-impedance antenna input. Does not operate as a passive preselector.
**Overall:** An obvious choice for use with quiet receivers or receivers with poor image rejection.

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The Mizuho SX-3, the third model from this firm that we have tested in recent years, is an exceptionally "clean" performer, with a very low noise figure plus the ability to peak sharply. On the other hand, gain is only fairly good with a low-impedance antenna, and worse with a high-impedance antenna. The reason for this disappointing performance with high-impedance antennas is the lack of a suitable input. Given that the most common SWL antenna is the high-impedance inverted-L (so-called "long wire"), this seems to be a peculiar oversight, albeit one also found on Mizuho's earlier model SX-59.

Dynamic range is adequate for all but the most trying circumstances.

The SX-3 does not tune below 3 MHz, e.g., the 120 meter tropical band is not covered. This, plus the relatively modest gain within the tropical range, should serve to limit the attractiveness of this model to avid DX'ers.

The AC mains power supply is inboard. This is generally preferable to an outboard power supply, inasmuch as it is less likely to radiate unwanted current fields. Too, electrical devices with outboard power supplies are never really "off", as the on-off switch follows, rather than precedes, the power supply. The AC mains voltage for the SX-3 is chosen by the factory or distributor in light of the conditions in the intended country of sale. No provision is made for battery power or DC input.

The SX-3 is a handsome, well-constructed unit. Controls are generously spaced, and the tuning knob is large and smooth to operate. However, unlike the Arcomm AP4, the SX-3 does not act as a passive preselector when the switch is turned off.

The Mizuho SX-3 is particularly well-suited for use with quiet receiving configurations—especially those with low-impedance antennas—where gain is of secondary consideration to low noise. Too, for older single-conversion communications receivers with reasonably good sensitivity, the SX-3 stands out, thanks to its excellent image rejection.

## ACTIVE ANTENNAS

Both models of active antennas tested include an amplifier module to be situated near the receiver, plus a separate antenna module intended to be mounted as clear as possible of potential sources of electrical interference, as well as absorbent entities (e.g., structures, earth).

Apartment or hotel dwellers should, if possible, mount any antenna module on the roof—well away from elevator and other motors. If this is not practical, the antenna module should be secured to a window (or balcony) ledge so that the antenna rod is *outside* the window (or beyond the balcony) at a 75-90 degree angle to the outermost vertical surface of the building. This places the antenna as far as possible from the wall or balcony (either, unless of wood, absorbs signals), while the horizontal or near-horizontal reception angle tends to minimize pickup of local electrical noises. Each model tested has a collapsable antenna element, so in cases where discretion is called for that element can be kept all but hidden as necessary.

For most applications, the active antenna of choice among those tested for this year's edition is the MFJ-1024. But if intrusion of local mediumwave AM stations into the shortwave spectrum is a problem with the '1024 and the gain of the Sony AN-1 is inadequate, then one of the two preselectors tested for this edition can simply be fitted with an ordinary antenna rod (the longer, the better), available at electronics or automobile supply stores, along with a suitable length of coaxial umbilical cable.

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**MFJ-1024**
MFJ Enterprises, Inc., Box 494, Mississippi State, MS 39762 USA; Tel: [toll-free within US] (800) 647-1800. [elsewhere, plus MS] (601) 323-5869. Warranty: (US) 1 year. Suggested Retail Price: (US) $129.95, not including power supply; MFJ-1312 outboard AC mains power supply US$9.95.

**HIGHLIGHTS:**
**Advantages:** Very low noise factor. Excellent dynamic range. Good gain. Broad frequency coverage.
**Disadvantages:** Lacks circuit to limit intrusion of mediumwave AM signals into shortwave spectrum. Lacks preselection circuitry.
**Overall:** A first-rate active antenna for those not in close proximity to local mediumwave AM transmitters.

---

The availability of the MFJ-1024 will come as welcome news for those wishing to possess a first-rate, easy-to-operate active antenna. Quiet, with excellent dynamic range and good gain, this model should satisfy the needs of most shortwave listeners who cannot—for whatever reason—erect a high-quality passive wire antenna.

The '1024 also covers the longwave and mediumwave AM bands. Although this extended frequency coverage may be welcomed in certain situations, in general ferrite-bar antennas (as accessories or as factory-built into radios), being directional, usually provide more satisfactory results than do omnidirectional antennas, such as the '1024.

An unfortunate side effect of this broad frequency coverage is that amplified mediumwave AM signals tend to cross-modulate into the lower reaches of the shortwave spectrum. This easily could have been avoided had MFJ included a switchable 1.8 MHz high-pass filter—something which, in a model priced at $130, is a puzzling omission. Ironically, it is in the very metropolitan areas where active antennas tend to be most sought after that the potential for disruption of shortwave reception by powerful mediumwave AM locals is greatest.

Fortunately, if you obtain the '1024 from the factory in Mississippi you may return the unit for a full refund (less shipping) anytime within 30 days of purchase.

A minor point is that the ergonomics of the '1024 is substandard. As is the custom with MFJ products, a tiny knob—complete with narrow ridges to dig into your fingers—is used for the gain control. The amplifier module is light and equipped with three firm pushbuttons. Consequently, that module must be held in place whenever those buttons are depressed; otherwise, it tends to slide about.

The '1024 can feed (one at a time) up to two receivers. The AC mains power supply is outboard and an extra-cost option. Although no battery facility is included, the unit will accept 12-15V DC from a properly-polarized external power source.

Overall, the MFJ-1024 is an excellent choice in an active antenna. However, if you listen in close proximity to a mediumwave AM transmitter, you should purchase a '1024 with a trial-period agreement.

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**SONY AN-1**
Sony Corporation, 7-35 Kitashinagawa, 6-chome, Shinagawa-ku, Tokyo 141, Japan; Tel: (03) 448-2111. Consumer Audio Marketing, Sony Corporation of America, Sony Drive, Park Ridge, NJ 07656 USA; Tel: (201) 930-1000. Sony of Canada, Ltd., 411 Gordon Baker Road, Willowdale, Ont. M2H 2S6, Canada; Tel: (416) 499-1414. Sony, Ltd., Pyrene House, Sunbury Cross, Sunbury-on-Thames, Middlesex TW16 7AT, United Kingdom; Tel: 09327-87644. Sony G.m.b.H., Hugo-Eckener-Strasse 20, 5000 Cologne 30, Federal Republic of Germany; Tel: (0221) 5966-1. Sony Overseas, S.A., 31 Rue Madame de Sanzillon, 92110 Clichy, France; Tel: 739-32-70. Warranty (USA): One year. Suggested Retail Price: (US) $79.95, not including AC mains power supply; AC-12 120V AC mains power supply US$18.00; other AC mains power supplies are AC-160 (100V) and AC-170W (110/120/220/240V).

**HIGHLIGHTS:**
**Advantages:** Very good dynamic range. Broad frequency coverage.
**Disadvantages:** Gain varies from fair to unity. Noise factor relatively high (see story). Lacks preselection circuitry.
**Overall:** A useful device for portables, but limited for many other applications.

---

Given Sony's leading role in the production of advanced shortwave receiving devices, it comes as no surprise that they have introduced an active antenna to complement their line of radio receivers. This antenna, the model AN-1, has broad frequency coverage extending from the low end of the longwave broadcasting band to the upper reaches of the shortwave spectrum. Additionally, unlike the MFJ-1024 (see preceding review), the

# POINT-BY-POINT: HOW ACTIVE PRESELECTORS AND ANTENNAS COMPARE

| | Frequency Coverage (MHz) | Gain- 2 MHz | Gain- 20 MHz | Noise Factor- 20 MHz | Dynamic Range- 2 MHz | Dynamic Range- 20 MHz | 455 kHz Image Rejection- 10 MHz(1) | Other |
|---|---|---|---|---|---|---|---|---|
| **Active Preselectors** | | | | | | | | |
| Arcomm AP4 | 0.54-32 | G(2) | G(2) | F | GE | EG | G | a,b,c |
| Mizuho SX-3 | 3-30 | F(3) | G(3) | E | G(4) | GF | E | d,e |
| **Non-tunable Active Antennas** | | | | | | | | |
| MFJ-1024 | 0.05-30 | GE | GF | E | E | E | — | f,g,h |
| Sony AN-1 | 0.15-30 | F | P(5) | FP(5) | EG | E | — | i |

(1) With amplification at full gain (image source +910 kHz).
(2) With low- or high-impedance antenna.
(3) With low-impedance antenna (gain drops with high-impedance).
(4) Measured at 3 MHz.
(5) Antenna produces unity gain at 20 MHz; noise figure measured under these circumstances (see story).

a. Includes 92 cm. (36 in.) telescopic antenna attached to cabinet.
b. Comes equipped to operate from AC mains or internal battery.
c. Operates as a passive preselector with amplifier switched out.
d. Lacks high-impedance antenna input.
e. Operates from AC mains only.
f. Lacks circuit to limit intrusion of mediumwave AM signals into shortwave spectrum.
g. AC mains power supply extra-cost option.
h. Does not operate from internal batteries, but accepts 12-15V DC from properly-polarized external sources.
i. Comes equipped to operate from internal batteries; AC mains power supply extra-cost option.

AN-1 incorporates circuitry to attenuate mediumwave AM signals when shortwave signals are being received. Thus, when the AN-1's range switch is set to the 1.6-30 MHz position, cross-modulation problems are far less likely to be present than they would be with the '1024.

More good news is that the AN-1 possesses nigh-excellent dynamic range. This, plus the attenuation of signals below 1.6 MHz, suggests a design unusually resistant to cross modulation. Indeed, that is just what we found.

The problem is that all this engineering base-building has been put to little useful effect. Gain at the low end of the shortwave spectrum is fair, but by 20 MHz it falls to unity. That gives the AN-1 the worst of both worlds: no gain from the amplification circuitry, but noise from that circuitry. Helping offset this, in a sense, is the combination of the collapsable whip antenna and the long coaxial cable that runs from it to the AN-1's amplifier module. This tends to provide a reasonably lengthy antenna that can, under the right circumstances, be fairly effective as a passive antenna *sans* amplification and the circuit noise that comes with it. Alas, the AN-1 has no provision for amplifier bypass, so to run "straight through" you have to reconnect the coaxial cable to run the unamplified antenna directly into the receiver.

Nor is that noise necessarily slight. At 20 MHz, where there is no gain, the noise factor measures as relatively high. However, there is a wrinkle to this finding. Normally, the noise factor is computed from a gain figure, but in this instance there is no gain from which to make the usual computation. In any event, the noise level, especially at lower frequencies, should not pose a problem with the sorts of sets for which this antenna appears to be targeted.

On the face of it, the AN-1 is a modest performer. However, when one considers that it appears to be intended for use primarily with Sony receivers, its performance makes more sense. Most Sony (and other) portables and field portables are characterized by mediocre dynamic range. In addition to cost considerations, this results from a necessary design tradeoff between battery consumption and dynamic range. The result is that were a high-gain active antenna connected to this sort of radio, it would overload badly in many parts of the world.

Accordingly, the AN-1 is probably the model of choice for use with a good many portables. Helping make that practical during travels is the AN-1's use of internal batteries. However, for shortwave listeners and DXers with more sophisticated receiving devices, other alternatives should be weighed.

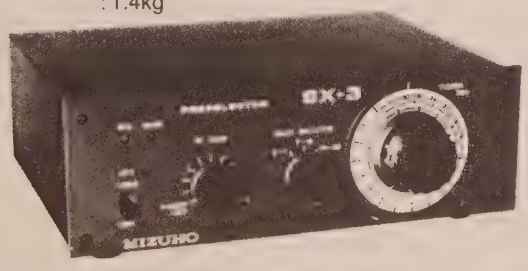

## MIZUHO SX-3 Low-Noise Pre-amplifier...

**Features:**

- Covers continuously between 3MHz and 30MHz with 3 selective bands.
- Improves weak signal reception while reducing image interference and rejects out-of-band signals.
- RF gain control and attenuator reduces the cross modulation.
- Usable with transceiver with a remote control or also applicable with short-wave receiver with high impedance output.

**Specifications:**

| | |
|---|---|
| **Frequency Range** | : 3–30MHz (3 bands; 3–7MHz, 7–14MHz, 14–30MHz) |
| **RF Gain** | : Over 15dB, adjustable by RF gain control |
| **RF Attenuator** | : 10dB |
| **Input Impedance** | : 50–Ohm |
| **Output Impedance** | : Low (50–Ohm) & High (1k–Ohm) |
| **Stand-by** | : Remote control (Relay 'ON' when receiving) |
| **Handling Power** | : 100W (CW) maximum |
| **Power Source** | : 117/220/240VAC 50/60Hz |
| **Dimensions** | : 195mm (w) × 62mm (H) × 152mm (D) |
| **Weight** | : 1.4kg |

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# CUMULATIVE INDEX TO WRTH EQUIPMENT REVIEWS 1978-85

Following is a cumulative index of the equipment reviews prepared by Lawrence Magne of International Broadcasting Services, Ltd., and published in the **Handbook.**

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**NB: A limited number of back issues (except the 1981 edition) are available from the editorial office in Copenhagen. Write for details. We regret that separate copies of individual reviews cannot be supplied.**

**THE EDITORS**

# 50 YEARS OF SWISS RADIO INTERNATIONAL

**by Michael McMahon, Head of English Service, Swiss Radio International**

The Swiss have always known how to talk to people over long distances. At one time that meant using alphorns to send signals reverberating across mountain tops and down into the valleys. But even the biggest alphorn has its limitations, no matter how mighty the lungs of the cowherd who plays it.

So in the 1930s the sensible Swiss found a better way to accomplish the job. It involved less wind and fewer hernias. What they did was exchange mouthpieces for microphones and sounding bells for transmitters, thereby joining the Global Village that Marshall McLuhan was to define some 30 years later.

When the Swiss Shortwave Service began regular broadcasts in 1935 its mission was "to assure a direct link with home for the growing number of Swiss who lived abroad, and to contribute to the presence of Switzerland throughout the world." Those fundamental goals remain the same today. But 50 years on, the world has changed. And so has the Swiss Shortwave Service.

Swiss Radio International — the name is part of that change — represents a country that countless people feel they already know. Not long ago, most of them considered Switzerland to be an idyllic place of cheese, chocolate and watches, with a grog-toting St. Bernard dog and a girl called Heidi thrown in for good measure.

No doubt that image lingers on in the minds of many, overlaid by often incomplete views of Swiss neutrality, direct democracy, banking secrecy, non-membership of the United Nations and other factors which influence Switzerland and its role in the world. However, despite some misconceptions here and there, it is not the role of Swiss Radio International to set its listeners right by ramming a pre-packaged "reality" into their ears. There is enough of that going on in the world as it is.

SRI is not in the business of persuasion, friendly or otherwise. Its programmes are aimed at providing facts, opinions and a day-to-day picture of Switzerland and the world. Its intention is to stimulate listeners to consider issues often affecting us all, and thus help them arrive at their own independent conclusions. The long search for the short truth ultimately has to be made alone.

Such thoughts have always guided SRI programme-makers, even on that day in 1934 when the future director of the Swiss Shortwave Service, Paul Borsinger, approached the Swiss Broadcasting Corporation with the idea of transmitting programmes to distant regions of the world for the Swiss who lived abroad.

At that time the aim was to provide a direct link between the expatriots and home. The experiment was set for August 1st, Swiss National Day, when a special programme was beamed in the direction of South America, using the League of Nations transmitter at Prangins on Lake Geneva. There is no record of whether it was the broadcasters or the listeners who were more elated when the programme actually got through!

In any case, the success was repeated the following year and created so much interest that in September, 1935 a regular monthly programme in German, French and Italian was scheduled for listeners in both North and South America.

Swiss Radio International was born:

- — 1934: experimental programme to South America
- — 1935: regular programmes to North and South America
- — 1939: Schwarzenburg transmitting centre inaugurated (transmitting power, 25 kW)
- — 1946: first 100 kW transmitter as Schwarzenburg
- — 1961: international news service is introduced
  new studios are completed
- — 1964: the Arab service brings to eight the number of languages broadcast (others are German/Swiss German, French, Italian, English, Spanish, Portuguese and Esperanto — Romansch, the 4th national language, followed in 1971).
- — 1966: two 250 kW transmitters are added to Schwarzenburg
- — 1970: the new programme policy emphasizing information is instituted
- — 1972: a 500 kW transmitter is inaugurated at the Sottens transmitting centre
- — 1978: Swiss Radio International becomes the official name of the service

When celebrating one's jubilee no date can be more important than the first one. But since we have well and surely tugged our forelock in that direction, let us go on to single out 1970 as another year of signal importance for Swiss Radio International. It was then that SRI introduced a programme policy which reflected a fundamental change in thinking.

It was not an easy decision. The European and Overseas Services of the Swiss Broadcasting Corporation (the official name at that time) had evolved a pleasant mixture of programmes in its three decades of existence. It attracted a loyal audience who, during the years, grew beyond being casual listeners to become friends; at times it seemed that the station and its audience had grown into one big family. It was a cosy relationship which showed that this particular audience seemed quite happy to listen forever to SRI's blend of request shows, features, concerts and other programmes about life in the land of cheese, chocolate and watches.

But Swiss Radio International recognized that times were changing and that ruts, while comfortable, were dangerous. Whereas the core audience in the thirties had mostly been emigrant Swiss, nine out of 10 listeners who wrote in the sixties were non-Swiss.

Until that time, the main effort had been to re-create for a typical listener — the Swiss abroad — the picture of a Switzerland as similar as possible to the one he had left behind and which he was seeking to re-capture through radio. The result was a kind of fairy-tale, appealing and picturesque to be sure, but becoming less and less relevant as the world and Switzerland progressed.

To be sure, audience reaction in the traditional target areas of the industrialised world remained steady and positive. But there were large parts of the world which were mostly silent. Did Switzerland not have something to say to them, too?

By the beginning of the 1970s some 60 countries had

achieved independence from the colonial powers, and a striking gulf between the "haves" and the "have nots" was sharply defined. The classic concepts of peace and war no longer applied. The world was an uncertain place.

"To understand everything makes one tolerant", said Germaine Staël, the 18th century French-Swiss writer. But it seemed as if people had lost the knack of understanding each other. Or possibly they weren't even trying.

It was a time for reasonable voices to speak in a straightforward way.

Against this background, Swiss Radio International established its new programme policy. It meant reconciling the irreconcilable, finding a concept that would interest all of SRI's audiences; the literate and the illiterate, the Third World and the industrialized countries, the Swiss living abroad temporarily and those who had gone for good.

But before we flung ourselves on this contradictory horse to ride madly off in all directions, we took stock of our modest resources — limited budget, limited staff, limited transmitter power. It was clear that the multiplicity of programmes had to go.

From that point on, the common denominator would be information on shortwave, with cultural programmes on recorded transcriptions.

Socrates proclaimed: "There is only one good, knowledge; and only one evil, ignorance". At its best, international broadcasting on shortwave promotes the good and reduces the evil by providing honest information. Such information, especially on political subjects, has to be instantaneous and uncensured before the discerning listener will accept it as grist for his intellectual mill. Those were plain truths for Swiss Radio International as it prepared for the seventies and mid-eighties.

Several early critics of SRI's new information policy were quick to point out that the current affairs terrain was already crowded; occupied by prestigious and powerful giants of international broadcasting, several of which had been providing excellent service for decades. How could Swiss Radio International with its limited resources hope to compete? What could it say that was nothing more than duplication?

What the critics failed to consider when they expressed their doubts was a fundamental point which lies in the collective personality of listeners to international radio; their healthy scepticism of "truth" as perceived by the purveyor. This refusal to accept whatever version that is first to come along leads them to seek out diverse sources of fact and opinion.

The relationship between audience and radio programmes can be compared to the relationship between men and their mothers-in-law. They both get what they deserve. And there is a no more deserving audience than the listeners who insist on "their right to choose". They are treasures of the first kind. Swiss Radio International was convinced that by widening the choice available to them it could play an appropriate role; and as a non-governmental radio station broadcasting from a neutral democracy with no imperial past, SRI would bring to its new task an established credibility that often is lacking among the news-brokers of a divided world of vested interests.

So Jack joined the Giants of international radio.

The format chosen for all language services was a 30-minute vehicle of news, news analysis and commentary, as well as coverage of current affairs and issues in Switzerland. It was also decided to emphasise transmissions to distant audiences, especially those whose languages, customs and way-of-life were in marked contrast to life in Switzerland. Where Switzerland was least known was where Swiss Radio International would provide a daily picture of Switzerland and the world as seen by the Swiss.

That was 15 years ago. The world is still an uncertain place, and the need for understanding and a climate of tolerance is more important now than it was even in 1970. Therefore Swiss Radio International is intensifying its commitment to information programming by strengthening its news service, extending current affairs coverage and introducing more news features.

To quote SRI director, Joël Curchod, Swiss Radio International is "a sort of permanent court of appeal for general information and — within its own sphere — for specific information"

Radio today is indispensable. However, we must beware of an inherent danger. With 1,500 stations crowding the shortwave bands, an extraordinary flow of news and ideas is generated. But there are enormous gaps in this cascade of information. And that is the problem. A half-truth half listened to is more damaging than an outright lie.

Broadcasters and listeners both have a responsibility to get it right.

# TROPICAL BANDS DX-ing

by Anker Petersen
Chairman of the Danish Shortwave Clubs International

**What is Tropical Bands DX-ing?**

I'll never forget my birthday in May 1975. On that day the mailman handed me a long letter from Mr. Bebes Korowaro, Station Manager of Radio Western Highlands at Mount Hagen in the central part of Papua New Guinea. This became my best QSL so far because Mr. Korowaro verified my reception near Copenhagen, Denmark of his 2 kiloWatt Domestic Broadcasting Station on 2450 kiloHertz in the 120 metre band on March 29th, 1975 at 2025-2130 UTC.

He wrote: "I hope you will be happy to know that your report is being verified after it had been checked against our Station log. We are very happy about your report that you really picked us up in this part of the world in the morning because it is often difficult for people even in other parts of Papua New Guinea to get us." He further wrote that the station broadcast 8 hours a day in 4 local languages in the District Service and that the total staff strength was 22 persons who all were Papua New Guinea Nationals.

This is Tropical Bands DX-ing at its best! On my Drake R-4B with a 100 metres longwire I had heard a 2 kW station 13094 kilometres away with weak signals! On the same night I could hear four other local broadcasting stations in Papua New Guinea on the Tropical Bands:

| | | |
|---|---|---|
| Radio West New Britain | 2340 kHz | 2 kW |
| Radio New Ireland | 2428 kHz | 2 kW |
| Radio Wewak | 3335 kHz | 10 kW |
| Port Moresby | 4890 kHz | 10 kW |

This extreme example of long distance reception only occurs rarely, but this is what Tropical Bands DX-ers hunt for. I could follow directly from the spot what was going on in different towns in a remote country some 13000 kilometres away and listen to the native instrumental music and songs.

At the other end of the scale you find "Africa Numero 1" in Moyabi-Moanda, Gabon which can be heard each night throughout the year here in Denmark with its 250 kW of power on 4810 kHz in the 60 metre band. The reception quality is very good although the distance is 6222 kilometres.

**What are the Tropical Bands?**

Three frequency bands on shortwave are assigned by the International Telecommunication Union (ITU) to broadcasting exclusively in the tropical countries. They are:

The 120 metre band on 2300-2498 kHz,
The 90 metre band on 3200-3400 kHz,
The 60 metre band on 4750-5060 kHz.

These Tropical Bands are assigned to all countries located between the Tropic of Cancer and the Tropic of Capricorn. Furthermore, they are assigned by the ITU to the Republic of South Africa, Swaziland, Lesotho, Iran, Iraq, Afghanistan, Pakistan and Nepal.

Most of the countries just mentioned do broadcast on these shortwave bands, but the bands are also occupied on several frequencies by other countries such as the USSR, China, North Korea, Mongolia, Albania and Austria with its Army Broadcasting Station.

*The writer at his listening post outside Copenhagen. He is holding a copy of the DSWCI Tropical Bands Survey, a standard reference source for DXers, which he edited for a number of years.*

**Broadcasting on the Tropical Bands**

There can be given at least five reasons for allocation of these three shortwave bands exclusively to the tropical countries:

**Geographical reason**

The tropical countries often have large areas with sparse populations; extensive transmitting facilities would be required to give adequate coverage if mediumwave or FM were to be adopted. Just imagine how many MW/FM stations would be needed to cover Papua New Guinea which is 1500 kilometres from east to west and 1000 kilometres from south to north. Today 21 low-powered stations in the Tropical Bands are doing most of the job.

**Geophysical reason**

High atmospheric static levels in the tropical region make mediumwave reception more difficult than in other regions of the World, and greatly restrict MW coverage. MW signals require much greater power to cover the same area, as compared with transmitters operating in the Tropical Bands.

**Economic reason**

Thus MW and FM coverage would be much more expensive than broadcasting on the Tropical Bands of 120, 90 and 60 metres — even though quality and reliability of the former may be better.

**Technical reasons**

Electric power distribution is very limited, especially in remote areas in most of the tropical countries. The installation of high power transmitters to replace Tropical Bands transmitters would lead to excessive power demand, and to strain and breakdown of supply and distribution of power.

If an excessive local network of MW or FM transmitters were installed to replace one or two Tropical Bands transmitters, there would still be technical problems in providing the modulation from the Central Station to these dispersed hinterland outlets.

**Developmental reasons**

Developing countries, like Papua New Guinea, have limited economic resources and more pressing claims on their resources, e.g. the need for basic education, medical care, elimination of malnutrition, etc. These are more urgent than the provision of new high power transmitters or extensive MW or FM networks!

The populations of developing countries are poorer and therefore not affluent enough to buy VHF/FM radios with stereo, TV sets, etc. Therefore they often keep their old domestic radio receivers, and these stay tuned to Tropical Bands transmitters.

Thus Tropical Bands broadcasting in accordance with the ITU allocation generally has the pattern — be it public or private — of being confined to the *tropical areas*, with *low power transmitters* broadcasting to an *internal audience*, on *one frequency.*

During the past ten years the actual number of broadcast transmitters operating in the Tropical Bands has decreased from 751 in 1974 to 687 in 1980, and settled at 682 in 1984. This decrease mainly occurred in Indonesia and Central America where many broadcasters moved to MW or FM.

At the same time there has been a considerable increase in the powers of the transmitters now being used on the Tropical Bands, with many rated at 100 kW, and a few even with 250 kW like "Africa Numero 1".

**External Broadcasting on the Tropical Bands**

Most of the transmission time on the Tropical Bands is used for domestic broadcasting. However, today at least 7% of the frequencies are used for external broadcasting, either part time or full time. Ten years ago it was only 4%. This double-up in broadcasting to abroad is caused by stations who find it profitable to use these bands for external broadcasting, mainly at shorter ranges. Examples are Radio Moscow, Radio Beijing, Radio RSA, some religious stations, Africa Numero 1 and various "liberation movements".

The present war between Iran and Iraq can be followed on the Tropical Bands where Tehran is broadcasting programmes in Arabic called "The Voice of the Islamic Republic" on 4990 kHz (variable), and Baghdad is broadcasting a programme in Farsi called "The Free Voice of Iran" on 3367 kHz.

**Jamming**

Unfortunately, political broadcasts to other countries — like these two just mentioned — are often accompanied by jamming. This is also the case nowadays in the Tropical Bands, although only on a few frequencies.

**How is DX-ing possible on the Tropical Bands?**

Let us take a closer look at my reception of Radio Western Highlands on 2450 kHz. Their local morning programme at 2000-2200 UTC was broadcast with 2 kW omnidirectionally. One signal path goes North-Northwest towards Denmark across Okinawa, Shanghai, Beijing, Ulan Bator and Northern USSR. At this distance there must be at least 4 F-layer hops:

| Hop No. | F-layer reflection | Ground/Sea reflection |
|---|---|---|
| 1 | 800 km North of Biak | 800 km East of Taiwan |
| 2 | 100 km NW of Shanghai | 500 km SSE of Ulan Bator |
| 3 | 400 km S of Krasnoyarsk | 700 km NE of Sverdlovsk |
| 4 | 500 km N of Moscow | Copenhagen Listening Post |

Critical for the long distance travel of the radiated signal is whether any absorption occurs in the D and E layers in the ionosphere caused by ultraviolet and X-rays from the Sun. At this hour, Sunrise is approaching the Western Pacific, and the point of interest is located some 250 km North of Jayapura where the radio signal penetrates the D & E layers upwards for the first time on its route (=Transmitter Control Point). The transmission path will close when the absorption gets too intense at this Point. Similarly the path will first open when absorption is nearly zero around Sunset at the last E & D layer penetration (Receiver Control Point).

Thousands of loggings indicate that the absorption gets too high for signal penetration of these low powered stations *when the Sun is more than 15 degrees above the horizon* at any of these Control Points. On March 29th this happens at the Transmitter Control Point mentioned above at 2136 UTC which was the time of complete fade-out during my listening to Radio Western Highlands!

DX-ing far-away countries is possible on the Tropical Bands when the signal path between the Transmitter Control Point and the Receiver Control Point lies in full darkness or the Sun is not higher than 15 degrees above the horizon.

Even if most of the domestic transmitters in the Tropical Bands are of 10 kW, or less, they can often be picked up overseas on good receivers with high sensitivity and selectivity.

On the international shortwave bands this is rarely possible due to interference from the high powered transmitters. On the Tropical Bands interference occurs to a lesser extent from utility stations located outside the tropical zone.

**Why DX on the Tropical Bands?**

Tropical Bands DX-ing is becoming more and more popular throughout the World. Thousands of DX-ers find this way of being able to listen directly to domestic broadcasting from remote countries as the most fascinating aspect of the DX hobby.

The reception conditions vary from day to day, throughout the year and throughout the Sunspot Cycle, and this variation offers the DX-er a great challenge. There is always something to search for, and if conditions are bad, he can nearly always enjoy the programmes of stations like Radio Republik Indonesia in Medan and Ujung Pandang, Radio Nacional Bata in Ecuatorial Guinea, Kampala in Uganda, Radio Brasil Central in Brazil, Radio Reloj Continente in Venezuela and Radio Santa Fé in Colombia, which all are heard worldwide most of the year during the hours this particular signal path is open.

The European DX Council's Conference in 1984 was honoured by having one of the top Third World DX-ers on the Tropical Bands as a guest speaker, Mr. G. Victor Goonetilleke from Sri Lanka. He told us that Tropical Bands DX-ing is just as fascinating in his area in the tropics as it is here in Europe. Reception conditions are in principle the same, but of course different stations are audible except for those mentioned above which are heard worldwide.

**A Threat to Tropical Bands Broadcasting**

The Tropical Bands are only assigned for broadcasting to stations in the tropical areas at present. The ever expanding international broadcasting from the industrialised and developed countries makes the international broadcast bands on shortwave more and more crowded. Particularly the 49 and 41 metre bands are overcrowded during night-time with short-distance transmissions. The International Broadcasters are urging their respective Telecommunication Administrations to try to get ITU permission to broadcast on more low frequency shortwave bands, e.g. the 60 and 90 metre bands.

The World Administrative Radio Conference (WARC) in 1987 will review the shortwave band allocations for broadcasting. Radio waves also travel worldwide on the low frequencies during night-time. Thus the introduction of high powered international broadcasting on the 60 and 90 metre bands would highly disturb the existing domestic broadcasting in the tropical countries, even if it was not beamed to these areas. As was the case at the WARC 1979, the tropical nations are expected to oppose this development once more, especially because they do not want broadcasts to be directed to their own listeners by countries who may have a policy not favorable to their own ideas. If such a radio war should start on the Tropical Bands — accompanied by jamming — all domestic services would be highly disturbed in addition to the political implications of such a development.

The Tropical Bands DX-ers certainly hope that the 60 and 90 metre bands will not be opened to international broadcasting. Instead it is suggested that the 41, 49 and 75 metre bands which are already used for international broadcasting, are expanded with the necessary number of frequency channels. There must be many available after the move of several Utility services from shortwave to satellites.

**Conclusion**

The Tropical Bands are mainly used by low powered broadcasting stations in the tropical area for domestic services. With relatively little interference on these bands, a good portion of these stations can be heard all over the World when reception conditions are favourable. In Denmark we are able to listen to some 300 radio stations in 70 countries on the Tropical Bands! This brings us directly to the places where events are happening — whether they be the broadcasts during a military coup d'etat in a small African state, or the Carnival in Rio de Janeiro.

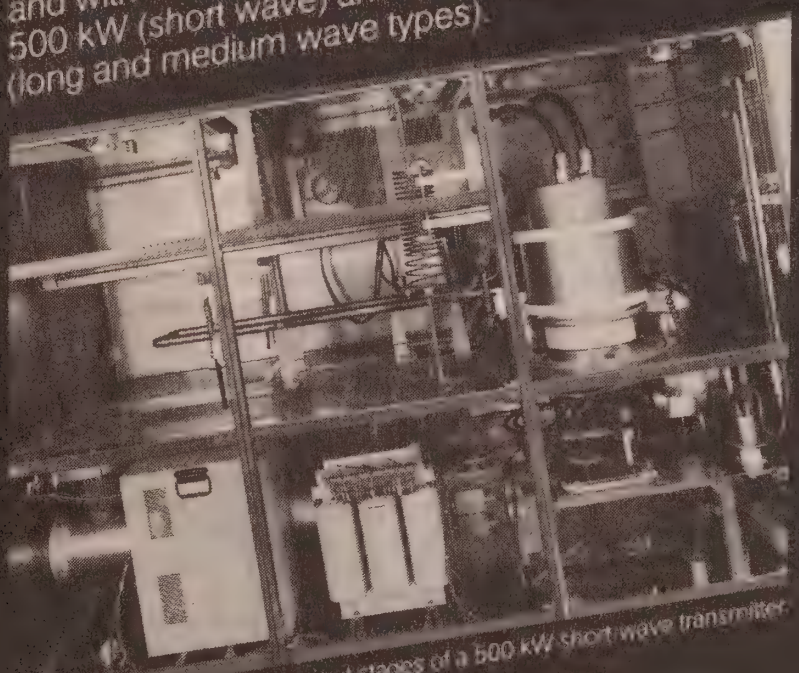
I hope that many more will join this fascinating hobby of Tropical Bands DX-ing. The DX-Clubs are ready to advise you on how to do it.

*The writer's home has been the setting for several memorable meetings involving DXers. For instance, the European DX Council was founded at one such meeting. More recently, in June 1984, WRTH Editor-in-Chief Jens Frost met our Sri Lankan collaborator Victor Goonetilleke, and took the opportunity to explain matters of relevance on a face-to-face basis. (Speaking of faces, for those not familiar with the ethnic origins of these two gentlemen, Victor Goonetilleke is the one with the slightly darker skin!)*

**For further details about the Danish Shortwave Clubs International, we refer you to the list of "Clubs for DXers and International Listeners" in this Handbook.**

# High Power Broadcast Transmitters with Pulse Step or Class B Modulation

**BBC Brown Boveri's long, medium and short-wave broadcast transmitters are available with either PSM or class B modulation**
and with carrier power ratings of 100, 250 and 500 kW (short wave) and 300, 600 and 1000 kW (long and medium wave types).



Front view of the driver and output stages of a 500 kW short wave transmitter.

## PSM:
Constant high efficiency
No modulator tubes
Latest solid state and digital technique

## Class B:
High effective efficiency in programme service
Simple, proven modulation technique
Lower capital investment

...the choice is yours!

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*Phone 056-29 96 11, Telex 558 250*

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# WORLD RADIO & TV BY COUNTRY

| | Radio | TV |
|---|---|---|
| Afghanistan | 177 | 410 |
| Alaska | 249 | 422 |
| Albania | 71 | 391 |
| Algeria | 153 | 405 |
| Andorra | 73 | |
| Angola | 153 | 405 |
| Anguilla | 285 | |
| Antarctica | 371 | |
| Antigua | 285 | 424 |
| Argentina | 313 | 429 |
| Ascension Island | 155 | |
| Australia | 235 | 419 |
| Austria | 73 | 391 |
| Azores | 75 | 392 |
| Bahamas | 285 | 424 |
| Bahrain | 177 | 410 |
| Bangladesh | 187 | 413 |
| Barbados | 285 | 424 |
| Belau | 241 | 421 |
| Belgium | 75 | 392 |
| Belize | 286 | |
| Benin | 155 | 405 |
| Bermuda | 251 | 422 |
| Bhutan | 187 | |
| Bolivia | 317 | 430 |
| Botswana | 155 | |
| Brazil | 321 | 430 |
| Brunei | 187 | 413 |
| Bulgaria | 77 | 392 |
| Burkina Faso | 156 | 405 |
| Burma | 187 | 413 |
| Burundi | 156 | |
| Cameroon | 156 | |
| Canada | 252 | 423 |
| Canary Islands | 157 | 405 |
| Cape Verde (Rep.) | 157 | |
| Cayman Islands | 286 | |
| Ce. African Rep. | 157 | |
| Chad | 157 | |
| Chile | 341 | 432 |
| China (P.R.) | 189 | 413 |
| China (Rep.) | 196 | 413 |
| Christmas Island | 199 | |
| Cocos Islands | 199 | |
| Colombia | 344 | 433 |
| Comoros | 158 | |
| Congo (P.R.) | 158 | 406 |
| Cook Islands | 242 | |
| Costa Rica | 286 | 424 |
| Cuba | 287 | 425 |
| Cyprus | 177 | 410 |
| Czechoslovakia | 78 | 392 |
| Denmark | 79 | 393 |
| Diego Garcia | 199 | 413 |
| Djibouti | 158 | 406 |
| Dominica | 289 | |
| Dominican Rep. | 289 | 425 |
| Ecuador | 351 | 433 |
| Easter Island | 242 | |
| Egypt | 158 | 406 |
| El Salvador | 291 | 425 |
| Equatorial Guinea | 159 | 406 |
| Ethiopia | 159 | 406 |
| Falkland Islands | 358 | |
| Faroe Islands | 80 | 393 |
| Fiji | 242 | |
| Finland | 80 | 393 |
| France | 81 | 394 |
| Gabon | 159 | 406 |
| Galapagos Isl. | 242 | 421 |
| Gambia | 160 | |
| Germany (F.R.) | 85 | 395 |
| Germany (D.R.) | 93 | 398 |
| Ghana | 160 | 406 |
| Gibraltar | 95 | 398 |
| Greece | 96 | 398 |
| Greenland | 262 | 423 |
| Grenada | 292 | 425 |
| Guadeloupe | 292 | 425 |
| Guam | 242 | 421 |
| Guatemala | 292 | 426 |
| Guiana (French) | 358 | 433 |
| Guinea-Bissau | 161 | |
| Guinea (R.P.R.) | 160 | 406 |
| Guyana (Rep.) | 358 | |
| Haiti | 294 | 426 |
| Hawaii | 243 | 421 |
| Honduras | 295 | 426 |
| Hong Kong | 199 | 414 |
| Hungary | 97 | 398 |
| Iceland | 98 | 398 |
| India | 200 | 414 |
| Indonesia | 203 | 414 |
| Iran | 179 | 410 |
| Iraq | 180 | 411 |
| Ireland | 98 | 399 |
| Israel | 180 | 411 |
| Italy | 99 | 399 |
| Ivory Coast | 161 | 406 |
| Jamaica | 297 | 426 |
| Japan | 213 | 414 |
| Johnston Island | 244 | 421 |
| Jordan | 182 | 411 |
| Kampuchea | 218 | 417 |
| Kenya | 161 | 406 |
| Kiribati | 244 | |
| Korea (D.R.) | 218 | 417 |
| Korea (Rep.) | 219 | 417 |
| Kuwait | 182 | 411 |
| Laos | 220 | 417 |
| Lebanon | 182 | 411 |
| Lesotho | 161 | |
| Liberia | 162 | 407 |
| Libya | 162 | 407 |
| Lord Howe Island | 244 | |
| Luxembourg | 102 | 400 |
| Macau | 221 | 417 |
| Madagascar | 162 | 407 |
| Madeira | 163 | 407 |
| Malawi | 163 | |
| Malaysia | 221 | 417 |
| Maldives | 222 | 418 |
| Mali | 163 | |
| Malta | 102 | 400 |
| Marshall Islands | 244 | |
| Martinique | 297 | 426 |
| Mauritania | 163 | 407 |
| Mauritius | 164 | 407 |
| Mayotte | 164 | |
| Mexico | 297 | 426 |
| Micronesia | 244 | 421 |
| Midway Island | 244 | 422 |
| Monaco | 102 | 400 |
| Mongolia | 222 | 418 |
| Montserrat | 307 | 428 |
| Morocco | 164 | 407 |
| Mozambique | 165 | 407 |
| Nauru | 244 | |
| Nepal | 223 | 418 |
| Netherlands | 103 | 400 |
| Neth. Antilles | 307 | 428 |
| New Caledonia | 244 | 422 |
| New Zealand | 245 | 422 |
| Nicaragua | 308 | 428 |
| Niger | 165 | 407 |
| Nigeria | 166 | 407 |
| Niue Island | 246 | |
| Norfolk Island | 247 | |
| No. Marianas | 247 | 422 |
| Norway | 107 | 400 |
| Oman | 183 | 411 |
| Pakistan | 223 | 418 |
| Panama | 308 | 428 |
| Papua New Guinea | 247 | |
| Paraguay | 358 | 433 |
| Peru | 359 | 433 |
| Philippines | 224 | 418 |
| Poland | 109 | 401 |
| Polynesia (French) | 248 | 422 |
| Portugal | 110 | 401 |
| Puerto Rico | 309 | 428 |
| Qatar | 183 | 411 |
| Reunion | 167 | 408 |
| Romania | 112 | 401 |
| Rwanda | 167 | |
| Samoa (American) | 248 | 422 |
| Samoa (Western) | 248 | |
| São Tomé | 167 | |
| Saudi Arabia | 183 | 411 |
| Senegal | 167 | 408 |
| Seychelles | 168 | 408 |
| Sierra Leone | 168 | 408 |
| Singapore | 229 | 419 |
| Solomon Islands | 248 | |
| Somalia | 168 | 408 |
| South Africa | 169 | 408 |
| Spain | 114 | 401 |
| Sri Lanka | 229 | 419 |
| St. Helena | 173 | |
| St. Kitts & Nevis | 311 | 429 |
| St. Lucia | 311 | |
| St. Pierre & Miquelon | 262 | 424 |
| St. Vincent | 311 | |
| Sudan | 173 | 409 |
| Surinam | 365 | 434 |
| Swaziland | 173 | 409 |
| Sweden | 119 | 402 |
| Switzerland | 122 | 402 |
| Syrian Arab Rep. | 184 | 412 |
| Tanzania | 174 | 409 |
| Thailand | 230 | 419 |
| Togo | 174 | 409 |
| Tonga | 248 | |
| Trinidad & Tobago | 311 | 429 |
| Tristan da Cunha | 175 | |
| Tunisia | 175 | 409 |
| Turks & Caicos Isl. | 312 | |
| Turkey | 184 | 412 |
| Tuvalu | 249 | |
| Uganda | 175 | 410 |

| | Radio | TV |
|---|---|---|
| United Arab Emirates | 185 | 412 |
| United Kingdom | 124 | 403 |
| United Nations | 283 | |
| Uruguay | 365 | 434 |
| U.S.A. | 263 | 424 |
| U.S.S.R. | 136 | 404 |
| Vanuatu | 249 | |
| Vatican State | 146 | |
| Venezuela | 367 | 434 |
| Vietnam | 233 | 419 |
| Virgin Islands (Am.) | 312 | 429 |
| Virgin Islands (British) | 312 | 429 |
| Wake Island | 249 | |
| Wallis & Futuna | 249 | |
| Yemen Arab. Rep. | 186 | 412 |
| Yemen (PDR) | 186 | 412 |
| Yugoslavia | 148 | 404 |
| Zaire | 175 | 410 |
| Zambia | 176 | 410 |
| Zimbabwe | 176 | 410 |

# RECEIVER COUNTS BY COUNTRY

(Figures in brackets indicate estimates) — °) licences.

| Country | Po | R Sets | TV Sets |
|---|---|---|---|
| Afghanistan | 16.000.000 | (135.000) | 12.600 |
| Albania | 2.750.000 | (210.000) | 46.000 |
| Algeria | 21.000.000 | (3.500.000) | 1.440.000 |
| Andorra | 39.950 | (8.000) | (4.000) |
| Angola | 7.110.000 | (130.000) | 23.000 |
| Anguilla | 7.000 | (2.200) | — |
| Antigua | 77.000 | (20.000) | 16.600 |
| Argentina | 28.000.000 | (10.500.000) | 5.915.000 |
| Ascension Island | 1.800 | (950) | ? |
| Australia | 15.451.900 | (20.000.000) | (5.904.000) |
| Austria | 6.216.000 | (4.000.000) | 3.035.000 |
| Azores | 300.000 | (65.000) | 1.900 |
| Bahamas | 213.000 | (115.000) | 50.500 |
| Bahrain | 351.500 | (140.000) | 122.000 |
| Belau | 12.200 | ? | 1.550 |
| Bangladesh | 92.000.000 | (800.000) | 255.000 |
| Barbados | 270.000 | (192.000) | 55.000 |
| Belgium | 9.848.647 | 4.607.257° | 5.127.801° |
| Belize | 154.000 | (72.000) | — |
| Benin | 3.500.000 | (68.000) | 17.250 |
| Bermuda | 56.000 | (100.000) | |
| Bhutan | 1.300.000 | (12.500) | — |
| Bolivia | 6.080.000 | (482.000) | 387.000 |
| Botswana | 941.000 | (75.800) | ? |
| Brazil | 132.580.000 | (25.000.000) | (23.000.000) |
| Brunei | 200.000 | (52.000) | 31.000 |
| Bulgaria | 8.910.000 | (2.150.000) | 2.000.000 |
| Burkina Faso | 6.700.000 | (116.000) | 20.000 |
| Burma | 35.315.000 | (800.000) | 32.000 |
| Burundi | 4.900.000 | (160.000) | — |
| Cameroon | 9.000.000 | (785.000) | — |
| Canada | 25.016.000 | (21.800.000) | (13.960.000) |
| Canary Islands | 1.446.000 | (562.000) | 184.000 |
| Cape Verde Islands | 328.000 | (47.000) | ? |
| Cayman Islands | 18.000 | (18.000) | — |
| C. African Rep. | 2.490.000 | (85.000) | — |
| Chad | 4.970.000 | (75.000) | — |
| Chile | 11.878.400 | (17.000.000) | 2.645.000 |
| China | 1.024.000.000 | (15.000.000) | 9.900.000 |
| Christmas Island | 3.375 | (2.500) | — |
| Cocos (Keeling Islands) | 700 | (750) | — |
| Colombia | 29.000.000 | (2.800.000) | 1.801.000 |
| Comoros | 384.000 | (40.000) | ? |
| Congo (P.R.) | 1.645.000 | (97.000) | 4.800 |
| Cook Islands | 18.000 | (10.000) | — |
| Costa Rica | 2.565.035 | (190.000) | 450.000 |
| Cuba | 9.900.000 | (2.135.000) | 1.500.000 |
| Cyprus | 650.000 | (300.000) | 167.000 |
| Czechoslovakia | 15.500.000 | 4.202.785° | 4.350.000 |
| Denmark | 5.112.130 | 2.018.358° | 1.900.016° |
| Diego Garcia | 1.500 | (1.000) | 615 |
| Djibouti | 388.000 | (17.500) | 11.200 |
| Dominica | 80.500 | (20.000) | ? |
| Dominican Rep. | 6.300.000 | (226.000) | 390.000 |
| Ecuador | 9.250.000 | (1.875.000) | 450.000 |
| Egypt | 45.000.000 | (12.000.000) | 3.860.000 |
| Equatorial Guinea | 320.000 | (90.000) | 2.100 |
| El Salvador | 4.600.000 | (900.000) | 300.000 |
| Ethiopia | 32.000.000 | (2.000.000) | 45.000 |
| Falkland Islands | 1.820 | (1.000) | 9.000 |
| Faroe Islands | 45.000 | (16.800) | |
| Fiji | 630.000 | (300.000) | ? |
| Finland | 4.863.308 | (2.515.000) | 1.738.432° |
| France | 54.450.000 | (20.000.000) | 17.290.000 |
| Gabon | 1.250.000 | (100.000) | 21.000 |
| Gambia | 609.000 | (100.000) | ? |
| Germany (FR) | 61.638.000 | 24.598.736° | 22.127.118° |
| Germany (DR) | 16.800.000 | (6.425.000) | 5.970.000 |
| Ghana | 12.830.000 | (2.020.000) | 62.000 |
| Gibraltar | 30.530 | (10.000) | 7.100 |
| Greece | 9.800.000 | (4.000.000) | 1.710.000 |
| Greenland | 51.000 | (13.500) | 10.000 |
| Grenada | 115.000 | (50.000) | ? |
| Guadeloupe | 341.000 | (55.000) | 46.000 |
| Guam | 107.500 | (300.000) | 78.500 |
| Guatemala | 6.040.000 | (320.000) | 205.000 |
| Guiana, French | 78.300 | (42.500) | 6.300 |
| Guinea, Rep. | 5.410.000 | (125.000) | 7.600 |
| Guinea-Bissau | 825.000 | (25.000) | — |
| Guyana | 900.000 | (300.000) | — |
| Haiti | 6.000.000 | (120.000) | 65.000 |
| Hawaii | 970.000 | (1.000.000) | 232.000 |
| Honduras | 4.090.000 | (500.000) | 136.000 |
| Hong Kong | 5.344.000 | (2.700.000) | 1.278.000 |
| Hungary | 10.750.000 | (5.500.000) | 2.845.000 |
| Iceland | 237.894 | 73.493° | 71.560° |
| India | 712.000.000 | (22.500.000) | 2.100.000 |
| Indonesia | 158.000.000 | (6.800.000) | 3.005.000 |
| Iran | 40.500.000 | (8.000.000) | 2.000.000 |
| Iraq | 14.000.000 | (2.200.000) | 635.000 |
| Ireland | 3.500.000 | 2.036.146° | 721.146° |
| Israel | 4.600.000 | (1.055.000) | 605.000 |
| Italy | 57.742.374 | (14.010.000) | 13.831.260° |
| Ivory Coast | 9.200.000 | (900.000) | 340.000 |
| Jamaica | 2.095.878 | 857.960° | 200.500 |
| Japan | 118.700.000 | (94.000.000) | 30.210.000 |
| Johnston Island | 315 | (400) | 300 |
| Jordan | 2.250.000 | (550.000) | 280.000 |
| Kampuchea | 6.000.000 | (200.000) | 51.000 |
| Kenya | 18.500.000 | (600.000) | 76.000 |
| Kiribati | 57.000 | (10.000) | — |
| Korea (Rep.) | 39.300.000 | (10.255.000) | 7.650.000 |
| Korea (P.D.R.) | 18.700.000 | — | — |
| Kuwait | 1.500.000 | (750.000) | 580.000 |
| Laos | 3.550.000 | (225.000) | 30.000 |
| Lebanon | 2.900.000 | (1.500.000) | (450.000) |
| Lesotho | 1.680.000 | (42.000) | — |
| Liberia | 2.000.000 | (760.000) | 25.000 |
| Libya | 3.500.000 | (166.000) | 171.000 |
| Lord Howe Island | 350 | 120 | — |
| Luxembourg | 365.500 | (227.000) | 91.200 |
| Macau | 281.000 | (80.000) | ? |

| Country | Po | R Sets | TV Sets |
|---|---|---|---|
| Madagascar | 9.400.000 | (1.100.000) | 15.000 |
| Madeira | 266.000 | (200.000) | 50.000 |
| Malawi | 6.100.000 | (550.000) | ? |
| Malaysia (Peninsular) | 11.700.000 | (1.500.000) | 1.042.000 |
| Maldives | 160.500 | (12.000) | 1.525 |
| Mali | 7.100.000 | (110.000) | ? |
| Malta | 326.250 | (150.000) | 90.000 |
| Martinique | 320.000 | (46.000) | 42.500 |
| Mauritania | 1.780.000 | (95.000) | 500 |
| Mauritius | 992.000 | (118.000) | 87.500 |
| Mayotte | 55.000 | (6.000) | ? |
| Mexico | 75.390.000 | (22.000.000) | 7.550.000 |
| Micronesia | 78.500 | (15.800) | 500 |
| Midway Island | 2.280 | (760) | 535 |
| Monaco | 27.100 | (9.600) | 17.220 |
| Mongolia | 1.760.000 | (175.000) | (57.000) |
| Montserrat | 12.500 | (4.000) | 1.100 |
| Morocco | 21.000.000 | (2.500.000) | 1.032.956° |
| Mozambique | 13.140.000 | (280.000) | 5.000 |
| Nauru | 8.400 | (4.000) | — |
| Nepal | 16.010.000 | (310.000) | — |
| Netherlands | 14.400.000 | (4.750.000) | 4.453.847° |
| Neth. Antilles | 262.000 | (160.000) | (57.000) |
| New Caledonia | 140.000 | (80.000) | (31.000) |
| New Zealand | 3.200.000 | (2.785.000) | (943.500) |
| Nicaragua | 2.800.000 | (200.000) | 140.000 |
| Niger | 5.900.000 | (160.000) | 11.000 |
| Nigeria | 84.000.000 | (5.800.000) | 460.000 |
| Niue Island | 3.250 | (900) | — |
| Norfolk Island | 1.800 | (1.200) | — |
| No. Marianas | 17.000 | (10.100) | 3.900 |
| Norway | 4.134.500 | (1.500.000) | 1.325.964° |
| Oman | 1.500.000 | (800.000) | 46.000 |
| Pakistan | 88.100.000 | (5.200.000) | 1.005.000 |
| Panama | 1.970.000 | (295.000) | 240.000 |
| Papua N.G. | 3.185.000 | (220.000) | — |
| Paraguay | 3.200.000 | (200.000) | 82.000 |
| Peru | 18.310.000 | (2.225.000) | 875.000 |
| Philippines | 51.950.000 | (2.190.000) | 1.000.000 |
| Poland | 37.000.000 | 9.049.000 | 8.544.000 |
| Polynesia (Fr.) | 150.000 | (80.000) | 25.600 |
| Portugal | 9.833.016 | (2.155.000) | 1.522.597° |
| Puerto Rico | 3.400.000 | (2.000.000) | 815.000 |
| Qatar | 260.000 | (75.000) | 111.000 |
| Reunion | 518.000 | (120.000) | 87.000 |
| Romania | 22.593.720 | 3.223.161° | 3.900.000 |
| Rwanda | 5.580.000 | 175.000 | — |
| Sabah | 982.000 | (100.000) | 75.900 |
| Samoa (American) | 33.500 | (15.000) | 7.500 |
| Samoa (Western) | 160.000 | (70.000) | ? |
| São Tomé | 98.000 | (25.000) | — |
| Sarawak | 1.300.000 | (60.000) | 46.500 |
| Saudi Arabia | 11.000.000 | (2.800.000) | 2.500.000 |
| Senegal | 6.180.000 | (321.000) | 51.000 |
| Seychelles | 69.000 | (18.500) | 650 |
| Sierra Leone | 3.512.000 | (100.000) | 21.700 |
| Singapore | 2.500.000 | 104.735° | 471.540° |
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| Somalia | 3.850.000 | (95.000) | ? |
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| Tanzania | 19.700.000 | (2.000.000) | 10.000 |
| Thailand | 48.800.000 | (7.200.000) | (3.000.000) |
| Togo | 2.750.000 | (190.000) | 8.500 |
| Tonga | 102.000 | 65.000 | ? |
| Trinidad & Tobago | 1.200.000 | (375.000) | 250.000 |
| Tristan da Cunha | 315 | (100) | ? |
| Tunisia | 6.950.000 | (1.150.000) | 400.000 |
| Turkey | 47.000.000 | (4.310.000) | 4.929.732° |
| Tuvalu | 7.500 | (1.100) | — |
| Uganda | 13.200.000 | (280.000) | 76.000 |
| United Arab Emirates | 1.170.000 | (110.000) | (110.000) |
| United Kingdom | 55.931.000 | (41.000.000) | 18.869.794° |
| Uruguay | 2.935.000 | (1.660.000) | 440.000 |
| U.S.A. | 232.600.000 | (477.000.000) | 141.500.000 |
| USSR | 275.000.000 | (160.000.000) | 80.000.000 |
| Vanuatu | 120.000 | (15.500) | — |
| Vatican State | 1.000 | ? | ? |
| Venezuela | 14.690.000 | (5.250.000) | 2.002.000 |
| Vietnam (Dem. Rep.) | 56.500.000 | (6.000.000) | 2.250.000 |
| Virgin Islands (Am) | 98.000 | (85.000) | 30.000 |
| Virgin Islands (Br) | 12.500 | (6.800) | 2.500 |
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| Wallis Isl. | 9.500 | ? | — |
| Yemen Arab Rep. | 7.700.000 | (110.000) | 27.000 |
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| Yugoslavia | 22.600.000 | 5.849.256° | 4.650.386° |
| Zaire | 31.900.000 | (500.000) | 12.500 |
| Zambia | 5.834.000 | (1.000.000) | 240.000 |
| Zimbabwe | 7.500.000 | (200.000) | 99.000 |

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# WORLD TIME IN ALL COUNTRIES

## DIFFERENCE BETWEEN LOCAL TIME AND COORDINATED UNIVERSAL TIME

The differences marked + indicate the number of hours ahead of UTC. Differences marked — indicate the number of hours behind UTC. Variations from standard time during part of the year (in some countries referred to as Summer Time) are decided annually and may vary from year to year. N = Normal Time; S = Summer Time.

| | N | S |
|---|---|---|
| Afghanistan | +4½ | +4½ |
| Alaska | −9 | −8 |
| | −10 | −9 |
| Albania | +1 | +2 |
| Algeria | UTC | +1 |
| Andorra | +1 | +1 |
| Angola | +1 | +1 |
| Anguilla | −4 | −4 |
| Antigua | −4 | −4 |
| Argentina | −3 | −3 |
| Ascension Isl. | UTC | UTC |
| Australia | | |
| Victoria & New South Wales | +10 | +11 |
| Queensland | +10 | +10 |
| Tasmania | +10 | +11 |
| N. Territory | +9½ | +9½ |
| S. Australia | +9½ | +10½ |
| W. Australia | +8 | +8 |
| Austria | +1 | +2 |
| Azores | −1 | UTC |
| Bahamas | −5 | −4 |
| Bahrain | +3 | +3 |
| Bangladesh | +6 | +6 |
| Barbados | −4 | −4 |
| Belau | +9 | +9 |
| Belgium | +1 | +2 |
| Belize | −6 | −6 |
| Benin | +1 | +1 |
| Bermuda | −4 | −3 |
| Bhutan | +6 | +6 |
| Bolivia | −4 | −4 |
| Botswana | +2 | +2 |
| Brazil | | |
| a) Oceanic Isl | −2 | −2 |
| b) Ea & Coastal | −3 | −3 |
| c) Manaos | −4 | −4 |
| d) Acre | −5 | −5 |
| Brunei | +8 | +8 |
| Bulgaria | +2 | +3 |
| Burkina Faso | UTC | UTC |
| Burma | +6½ | +6½ |
| Burundi | +2 | +2 |
| Cameroon | +1 | +1 |
| Canada | | |
| a) Newfoundland | −3½ | −2½ |
| b) Atlantic (Labrador, Nova Scotia) | −4 | −3 |
| c) Ea (Ontario, Quebec) | −5 | −4 |
| d) Ce (Manitoba) | −6 | −5 |
| e) Mountain (Alberta) NWT (Mountain) | −7 | −6 |
| f) Pacific (Br. Columbia) | −8 | −7 |
| Yukon | −8 | −7 |
| Canary Isl. | UTC | +1 |
| Cape Verde Isl. | −1 | −1 |
| Cayman Isl. | −5 | −4 |
| Central African Republic | +1 | +1 |
| Chad | +1 | +1 |
| Chile | −4 | −3 |
| China People's Rep. | +8 | +8 |
| Christmas Isl. | +7 | +7 |
| Cocos Isl. | +6½ | +6½ |
| Colombia | −5 | −5 |
| Comoro Rep. | +3 | +3 |
| Congo | +1 | +1 |

| | N | S |
|---|---|---|
| Cook Isl. | −10 | −9½ |
| Costa Rica | −6 | −6 |
| Cuba | −5 | −4 |
| Cyprus | +2 | +3 |
| (Turkish Zone) | +3 | +3 |
| Czechoslovakia | +1 | +2 |
| Denmark | +1 | +2 |
| Diego Garcia | +5 | +5 |
| Djibouti | +3 | +3 |
| Dominica | −4 | −4 |
| Dom. Rep. | −4 | −4 |
| Easter Isl. | −6 | −5 |
| Ecuador | −5 | −5 |
| Egypt | +2 | +3 |
| El Salvador | −6 | −6 |
| Equatorial Guinea | +1 | +1 |
| Ethiopia | +3 | +3 |
| Falkland Isl. | −4 | −4 |
| (Port Stanley) | −4 | −3 |
| Faroe Isl. | UTC | +1 |
| Fiji | +12 | +12 |
| Finland | +2 | +3 |
| France | +1 | +2 |
| Gabon | +1 | +1 |
| Gambia | UTC | UTC |
| Germany | +1 | +2 |
| Ghana | UTC | UTC |
| Gibraltar | +1 | +2 |
| Greece | +2 | +3 |
| Greenland | | |
| Scoresbysund | −1 | UTC |
| Thule area | −3 | −3 |
| Other areas | −3 | −2 |
| Grenada | −4 | −4 |
| Guadeloupe | −4 | −4 |
| Guam | +10 | +10 |
| Guatemala | −6 | −6 |
| Guiana (French) | −3 | −3 |
| Guinea (Rep.) | UTC | UTC |
| Guinea Bissau | UTC | UTC |
| Guyana (Rep.) | −3 | −3 |
| Haiti | −5 | −4 |
| Hawaii | −10 | −10 |
| Honduras (Rep.) | −6 | −6 |
| Hong Kong | +8 | +8 |
| Hungary | +1 | +2 |
| Iceland | UTC | UTC |
| India | +5½ | +5½ |
| Indonesia | | |
| a) Java, Bali, Sumatra | +7 | +7 |
| b) Kalimantan, Sulawesi Timor | +8 | +8 |
| c) Moluccas, We. Irian | +9 | +9 |
| Iran | +3½ | +3½ |
| Iraq | +3 | +4 |
| Ireland | UTC | +1 |
| Israel | +2 | +3 |
| Italy | +1 | +2 |
| Ivory Coast | UTC | UTC |
| Jamaica | −5 | −4 |
| Japan | +9 | +9 |
| Johnston Isl. | −10 | −10 |
| Jordan | +2 | +3 |
| Kampuchea | +7 | +7 |
| Kenya | +3 | +3 |
| Kiribati | +12 | +12 |
| Korea | +9 | +9 |
| Kuwait | +3 | +3 |
| Laos | +7 | +7 |
| Lebanon | +2 | +3 |

| | N | S |
|---|---|---|
| Lesotho | +2 | +2 |
| Liberia | UTC | UTC |
| Libya | +1 | +2 |
| Lord Howe Isl. | +10½ | +11½ |
| Luxembourg | +1 | +2 |
| Macau | +8 | +8 |
| Madagascar | +3 | +3 |
| Madeira | UTC | +1 |
| Malawi | +2 | +2 |
| Malaysia | +8 | +8 |
| Maldive Isl. | +5 | +5 |
| Mali | UTC | UTC |
| Malta | +1 | +2 |
| Marshall Isl. | +12 | +12 |
| Martinique | −4 | −4 |
| Mauritania | UTC | UTC |
| Mauritius | +4 | +4 |
| Mayotte | +3 | +3 |
| Mexico | | |
| a) Campeche, Quintana Roo, Yucatan | −6 | −5 |
| b) Sonora, Sinaloa, Nayarit, Baja California Sur | −7 | −7 |
| c) Baja California Norte | −8 | −7 |
| d) other states | −6 | −6 |
| Micronesia | | |
| Truk, Yap | +10 | +10 |
| Ponape | +11 | +11 |
| Midway Isl. | −11 | −11 |
| Monaco | +1 | +2 |
| Mongolia | +8 | +9 |
| Montserrat | −4 | −4 |
| Morocco | UTC | UTC |
| Mozambique | +2 | +2 |
| Nauru | +11½ | +11½ |
| Nepal | +5.40 | +5.40 |
| Netherlands | +1 | +2 |
| Neth. Antilles | −4 | −4 |
| New Caledonia | +11 | +11 |
| New Zealand | +12 | +13 |
| Nicaragua | −6 | −6 |
| Niger | +1 | +1 |
| Nigeria | +1 | +1 |
| Niue | −11 | −11 |
| Norfolk Isl. | +11½ | +11½ |
| N. Marianas | +10 | +10 |
| Norway | +1 | +2 |
| Oman | +4 | +4 |
| Pakistan | +5 | +5 |
| Panama | −5 | −5 |
| Papua New Guinea | +10 | +10 |
| Paraguay | −4 | −3 |
| Peru | −5 | −5 |
| Philippines | +8 | +8 |
| Poland | +1 | +2 |
| Polynesia (Fr.) | −10 | −10 |
| Portugal | UTC | +1 |
| Puerto Rico | −4 | −4 |
| Qatar | +3 | +3 |
| Reunion | +4 | +4 |
| Romania | +2 | +3 |
| Rwanda | +2 | +2 |
| Samoa Isl. | −11 | −11 |
| S. Tomé | UTC | UTC |
| Saudi Arabia | +3 | +3 |
| Senegal | UTC | UTC |
| Seychelles | +4 | +4 |
| Sierra Leone | UTC | UTC |

| | N | S |
|---|---|---|
| Singapore | +8 | +8 |
| Solomon Isl. | +11 | +11 |
| Somalia | +3 | +3 |
| So. Africa | +2 | +2 |
| Spain | +1 | +2 |
| Sri Lanka | +5½ | +5½ |
| St. Helena | UTC | UTC |
| St. Kitts-Nevis | −4 | −4 |
| St. Lucia | −4 | −4 |
| St. Pierre | −3 | −3 |
| St. Vincent | −4 | −4 |
| Sudan | +2 | +2 |
| Surinam | −3½ | −3½ |
| Swaziland | +2 | +2 |
| Sweden | +1 | +2 |
| Switzerland | +1 | +2 |
| Syria | +2 | +3 |
| Taiwan | +8 | +8 |
| Tanzania | +3 | +3 |
| Thailand | +7 | +7 |
| Togo | UTC | UTC |
| Tonga | +13 | +13 |
| Transkei | +2 | +2 |
| Trinidad & Tobago | −4 | −4 |
| Tristan da Cunha | UTC | UTC |
| Tunisia | +1 | +1 |
| Turks & Caicos | −4 | −4 |
| Turkey | +3 | +3 |
| Tuvalu | +12 | +12 |
| Uganda | +3 | +3 |
| United Arab Emirates | +4 | +4 |
| United Kingdom | UTC | +1 |
| Uruguay | −3 | −3 |
| USA | | |
| a) Eastern Zone* | −5 | −4 |
| *) Indiana | −5 | −5 |
| b) Central Zone | −6 | −5 |
| c) Mountain Zone* | −7 | −6 |
| *) Arizona | −7 | −7 |
| d) Pacific Zone | −8 | −7 |
| USSR | | |
| Moscow & Leningrad | +3 | +4 |
| Baku, Tbilisi | +4 | +5 |
| Sverdlovsk | +5 | +6 |
| Tashkent | +6 | +7 |
| Novosibirsk | +7 | +8 |
| Irkutsk | +8 | +9 |
| Yakutsk | +9 | +10 |
| Khabarovsk | +10 | +11 |
| Magadan | +11 | +12 |
| Petropavlovsk | +12 | +13 |
| Anadyr | +13 | +14 |
| Vanuatu | +11 | +12 |
| Vatican | +1 | +2 |
| Venezuela | −4 | −4 |
| Vietnam | +7 | +7 |
| Virgin Isl. | −4 | −4 |
| Wake Isl. | +12 | +12 |
| Wallis & Futuna | +11 | +11 |
| Yemen | +3 | +3 |
| Yugoslavia | +1 | +2 |
| Zaire | | |
| Kinshasa | +1 | +1 |
| Lubumbashi | +2 | +2 |
| Zambia | +2 | +2 |
| Zimbabwe | +2 | +2 |

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# QUICK-REFERENCE GUIDE TO WRTH EQUIPMENT REVIEWS


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# The Perfectionist's Choice in

## The Sony ICF-2001D

Sony brings you the receiver for the 21st Century, a receiver so advanced in function and performance that you must hear it to believe it.

### Extra air band feature:
The ICF-2001D offers LW, MW, SW, FM, and air band, so your listening enjoyment is greatly increased. (Where restricted, the air band is not included.)

### Synchronous detector circuit:
Incorporated in a consumer receiver for the first time ever, this circuit substantially reduces SW reception problems such as fading and beat interference.

### Selectable band widths:
Clear reception is assured with an adjustable switch (narrow or wide band widths).

### Digital and analog tuning:
Computer-controlled, like the ICF-7600D, the new ICF-2001D can be tuned in four ways: direct, memory preset, scan and manually with a 100 Hz-precision analog dial.

### Multi-memory preset:
The ICF-2001D can memorize 32 preset stations, thus making instant recall of desired stations.

### 4-event programmable timer:
Preset the time and station of your favorite broadcasts and they will automatically come on as programmed.

SPECIFICATIONS:

Circuit system:
FM: Superheterodyne
AIR/AM: Dual-conversion superheterodyne and synchrodyne detector
Frequency range:
AIR 116—136MHz; FM 76.0—108.0MHz;
SW 1,620—29,999.9kHz; MW 530—1,620kHz;
LW 150—530kHz; SSB/CW 150—29,999.9kHz.
*Exact frequency range depends on the specific model.
Power requirements:
Radio: 4.5V dc (3 "D" batteries)
Computer back-up/clock: 3V dc (2 "AA" batteries)
Power output: 380mW (at 10% harmonic distortion)
Dimensions: 288 × 159 × 52mm (w/h/d)
Weight: 1.7kg including batteries

## The Sony ICF-7600D

It took Sony's sophisticated receiver technology to bring you the world's smallest and lightest synthesized receiver.

### World-band coverage:
You get FM, LW, MW, and SW reception. Use the ICF-7600D to receive broadcasts from every corner of the world.

### Four tuning systems:
Because it's computer-controlled, you can choose between direct 10-key tuning, one-touch memory preset tuning, auto-scan tuning, and manual tuning.

### 10-station presets:
The ICF-7600D can memorize up to 10 stations on any of 10 keys for instant recall.

### Compact size:
The Sony ICF-7600D weighs just 640 grams and its dimensions are 184.5(W)×118.5(H)×32(D) millimeters.

### Stand-by timer:
By setting the station and time in advance, you can enjoy stand-by reception at the desired time without missing a thing.

### Sleep timer:
This convenient timer automatically turns off the receiver after 65 minutes. Go to sleep without worrying about turning it off yourself.

SPECIFICATIONS:

Circuit system:
FM: Superheterodyne
AM: Dual-conversion superheterodyne
Frequency range:
FM 76.0—108.0MHz; SW 1,615—29,995kHz;
MW 522—1,611kHz; LW 153—519kHz;
SSB/CW 153—29,995kHz.
*Exact frequency range depends on the specific model.
Power requirements:
Radio: 6V dc (4 "AA" batteries)
Computer back-up/clock: 3V dc (2 "AA" batteries)
Power output: 400mW (at 10% harmonic distortion)
Dimensions: Approximately 184.5 × 118.5 × 32mm (w/h/d)
Weight: Approximately 640g including batteries

**In North America, the ICF-7600D is called the ICF-2002 and the ICF-2001D is called ICF-2010.**

SONY

# Portable Synthesized Receivers.

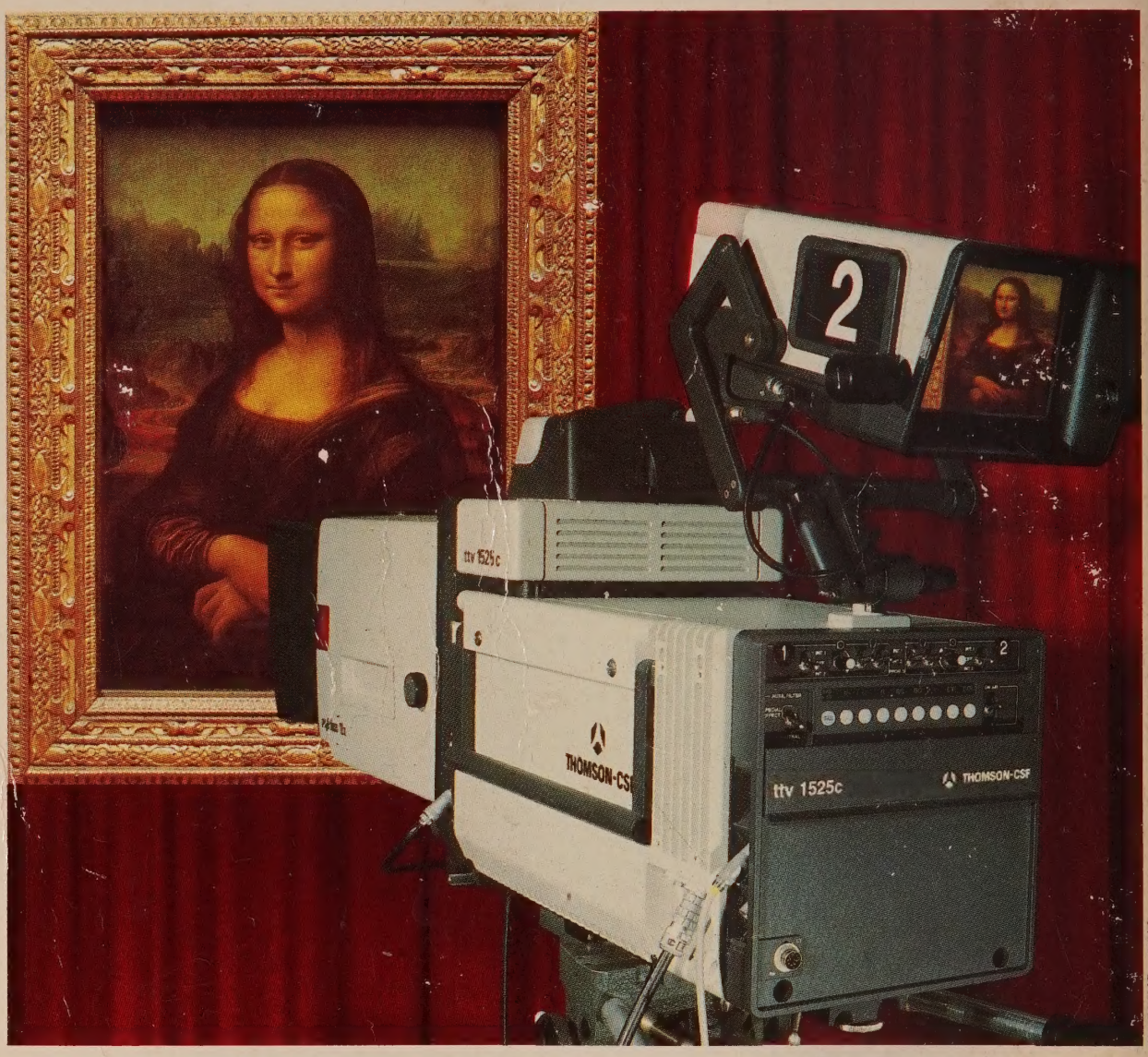
ICF-2001D

ICF-7600D

is a Sony

*The TTV 1525 C colour camera*

# TOTAL IMAGE REPRODUCTION.




The 1525 C complements the family of TTV 1525 colour cameras, and boasts a long list of technological innovations. Among the most important are: New camera head with three 1" tubes, capable of tolerating 10 times normal scene illumination without image deterioration.

Complete range of automatic functions controlled by microprocessors providing both zone correction for "maintenance set up" (geometry, registration, black and white shading...) and simpler and faster "daily set up".

The TTV 1525 C can operate either in normal or incremental mode in a centralised system.

Head to CCU connection using multi-core, triax or optical fibre cable on option.

Option of a high brightness, high resolution multi standard colour viewfinder.

BROADCAST QUALITY.

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